Authorization for Credit Card Transactions

Department of Homeland Security

Form G-1450

How To Fill Out Form G-1450

1. Type or print legibly in black ink.
2. Complete the "**Applicant's/Petitioner's/Requester's Information**," "**Credit Card Billing Information**," and "**Credit Card Information**" sections and sign the authorization. **NOTE:** The credit card must be issued by a U.S. bank.
3. Place your Form G-1450 ON TOP of your application, petition, or request package.

NOTE: Failure to provide the requested information may result in DHS and your financial institution not accepting the payment. DHS cannot process credit card payments without an authorized signature.

NOTE: Please see the USCIS Form G-1450 website for additional information.

We recommend that you print or save a copy of your completed Form G-1450 to review in the future and for your records.

By completing this transaction, you agree that you have paid for a government service and that the filing fee, biometric services fee and all related financial transactions are final and not refundable, regardless of any action DHS takes on an application, petition, or request. You must submit all fees in the exact amounts. DHS will charge your credit card up to the amount you authorize below.

Please refer to the form(s) you are filing for additional information, or you may call the USCIS Customer Contact number at **1-800-375-5283**. For TTY (deaf or hard of hearing) call: **1-800-767-1833**.

Applicant's/Petitioner's/Requester's Information (Full Legal Name)		
Given Name (First Name) Adriano Percival	Middle Name (if any) N/A	Family Name (Last Name) CALDERARO CALVO

Credit Card Billing Information (Credit Card Holder's Name as it Appears on the Card)		
Given Name (First Name)	Middle Name (if any)	Family Name (Last Name)

Credit Card Holder's Billing Address:		
Street Number and Name	Apt. Ste. Flr. ☐ ☐ ☐	Number
City or Town	State	ZIP Code

Credit Card Holder's Signature and Contact Information:	
Credit Card Holder's Signature	
Credit Card Holder's Daytime Telephone Number	Credit Card Holder's Email Address

Credit Card Information		
Credit Card Number	**Credit Card Type:** ☐ Visa ☐ MasterCard ☐ American Express ☐ Discover	Authorized Payment Amount $ 715.00
Credit Card Expiration Date (mm/yyyy) CVV Code		

Authorization for Credit Card Transactions

Department of Homeland Security

Form G-1450

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Applicant's/Petitioner's/Requester's Information (Full Legal Name)		
Given Name (First Name) Adriano Percival	Middle Name (if any) N/A	Family Name (Last Name) CALDERARO CALVO

Credit Card Billing Information (Credit Card Holder's Name as it Appears on the Card)		
Given Name (First Name)	Middle Name (if any)	Family Name (Last Name)

Credit Card Holder's Billing Address:		
Street Number and Name	Apt. Ste. Flr. ☐ ☐ ☐	Number
City or Town	State	ZIP Code

Credit Card Holder's Signature and Contact Information:	
Credit Card Holder's Signature	
Credit Card Holder's Daytime Telephone Number	Credit Card Holder's Email Address

Credit Card Information		
Credit Card Number	**Credit Card Type:** ☐ Visa ☐ MasterCard ☐ American Express ☐ Discover	Authorized Payment Amount $ 300.00
Credit Card Expiration Date (mm/yyyy) CVV Code		

YOUSA
Law Firm

EB-1A EXTRAORDINARY ABILITY
IMMIGRANT PETITION

Petitioner: CALVO , Adriano Percival Calderaro

HS Law Corp
P.O Box 90487
San Diego - CA - United States

e-Notification of Application/Petition Acceptance

Department of Homeland Security
U.S. Citizenship and Immigration Services

USCIS
Form G-1145

What Is the Purpose of This Form?

Use this form to request an electronic notification (e-Notification) when U.S. Citizenship and Immigration Services accepts your immigration application. This service is available for applications filed at a USCIS Lockbox facility.

General Information

Complete the information below and clip this form to the first page of your application package. You will receive one e-mail and/or text message for each form you are filing.

We will send the e-Notification within 24 hours after we accept your application. Domestic customers will receive an e-mail and/or text message; overseas customers will only receive an e-mail. Undeliverable e-Notifications cannot be resent.

The e-mail or text message will display your receipt number and tell you how to get updated case status information. It will not include any personal information. The e-Notification does not grant any type of status or benefit; rather it is provided as a convenience to customers.

USCIS will also mail you a receipt notice (I-797C), which you will receive within 10 days after your application has been accepted; use this notice as proof of your pending application or petition.

USCIS Privacy Act Statement

AUTHORITIES: The information requested on this form is collected pursuant to section 103(a) of the Immigration and Nationality Act, as amended INA section 101, et seq.

PURPOSE: The primary purpose for providing the information on this form is to request an electronic notification when USCIS accepts immigration form. The information you provide will be used to send you a text and/or email message.

DISCLOSURE: The information you provide is voluntary. However, failure to provide the requested information may prevent USCIS from providing you a text and/or email message receipting your immigration form.

ROUTINE USES: The information provided on this form will be used by and disclosed to DHS personnel and contractors in accordance with approved routine uses, as described in the associated published system of records notices [**DHS/USCIS-007 - Benefits Information System and DHS/USCIS-001 - Alien File (A-File) and Central Index System (CIS)**, which can be found at **www.dhs.gov/privacy**]. The information may also be made available, as appropriate for law enforcement purposes or in the interest of national security.

Complete this form and clip it on top of the first page of your immigration form(s).

Applicant/Petitioner Full Last Name	Applicant/Petitioner Full First Name	Applicant/Petitioner Full Middle Name
CALDERARO CALVO	**Adriano Percival**	**N/A**

Email Address	Mobile Phone Number (Text Message)
pcdez@yahoo.com.br	**N/A**

Notice of Entry of Appearance as Attorney or Accredited Representative

Department of Homeland Security

DHS Form G-28
OMB No. 1615-0105
Expires 05/31/2021

Part 1. Information About Attorney or Accredited Representative

1. USCIS Online Account Number (if any)

▶ 0 0 7 4 9 2 6 2 5 4 3 8

Name of Attorney or Accredited Representative

2.a. Family Name (Last Name): HAVERROTH SILVA

2.b. Given Name (First Name): Otavio

2.c. Middle Name: N/A

Address of Attorney or Accredited Representative

3.a. Street Number and Name: PO Box 90487

3.b. ☐ Apt. ☐ Ste. ☐ Flr. N/A

3.c. City or Town: San Diego

3.d. State: CA **3.e.** ZIP Code: 92169
(USPS ZIP Code Lookup)

3.f. Province: N/A

3.g. Postal Code: N/A

3.h. Country: USA

Contact Information of Attorney or Accredited Representative

4. Daytime Telephone Number: 5102419336

5. Mobile Telephone Number (if any): 5102419336

6. Email Address (if any): otavio@legalhs.com

7. Fax Number (if any): N/A

Part 2. Eligibility Information for Attorney or Accredited Representative

Select **all applicable** items.

1.a. ☒ I am an attorney eligible to practice law in, and a member in good standing of, the bar of the highest courts of the following states, possessions, territories, commonwealths, or the District of Columbia. If you need extra space to complete this section, use the space provided in **Part 6. Additional Information**.

Licensing Authority: California

1.b. Bar Number (if applicable): 343486

1.c. I (select **only one** box) ☒ am not ☐ am subject to any order suspending, enjoining, restraining, disbarring, or otherwise restricting me in the practice of law. If you are subject to any orders, use the space provided in **Part 6. Additional Information** to provide an explanation.

1.d. Name of Law Firm or Organization (if applicable): HS Law Corp

2.a. ☐ I am an accredited representative of the following qualified nonprofit religious, charitable, social service, or similar organization established in the United States and recognized by the Department of Justice in accordance with 8 CFR part 1292.

2.b. Name of Recognized Organization: N/A

2.c. Date of Accreditation (mm/dd/yyyy): N/A

3. ☐ I am associated with N/A, the attorney or accredited representative of record who previously filed Form G-28 in this case, and my appearance as an attorney or accredited representative for a limited purpose is at his or her request.

4.a. ☐ I am a law student or law graduate working under the direct supervision of the attorney or accredited representative of record on this form in accordance with the requirements in 8 CFR 292.1(a)(2).

4.b. Name of Law Student or Law Graduate: N/A

Part 3. Notice of Appearance as Attorney or Accredited Representative

If you need extra space to complete this section, use the space provided in **Part 6. Additional Information**.

This appearance relates to immigration matters before (select **only one** box):

1.a. ☒ U.S. Citizenship and Immigration Services (USCIS)

1.b. List the form numbers or specific matter in which appearance is entered.

I-140

2.a. ☐ U.S. Immigration and Customs Enforcement (ICE)

2.b. List the specific matter in which appearance is entered.

N/A

3.a. ☐ U.S. Customs and Border Protection (CBP)

3.b. List the specific matter in which appearance is entered.

N/A

4. Receipt Number (if any)

► N/A

5. I enter my appearance as an attorney or accredited representative at the request of the (select **only one** box):

☐ Applicant ☒ Petitioner ☐ Requestor
☐ Beneficiary/Derivative ☐ Respondent (ICE, CBP)

Information About Client (Applicant, Petitioner, Requestor, Beneficiary or Derivative, Respondent, or Authorized Signatory for an Entity)

6.a. Family Name (Last Name) CALDERARO CALVO

6.b. Given Name (First Name) Adriano Percival

6.c. Middle Name N/A

7.a. Name of Entity (if applicable)

N/A

7.b. Title of Authorized Signatory for Entity (if applicable)

N/A

8. Client's USCIS Online Account Number (if any)

► N/A

9. Client's Alien Registration Number (A-Number) (if any)

► A- N/A

Client's Contact Information

10. Daytime Telephone Number

+55 (12) 98858-5760

11. Mobile Telephone Number (if any)

+55 (12) 98858-5760

12. Email Address (if any)

pcdez@yahoo.com.br

Mailing Address of Client

NOTE: Provide the client's mailing address. **Do not** provide the business mailing address of the attorney or accredited representative **unless** it serves as the safe mailing address on the application or petition being filed with this Form G-28.

13.a. Street Number and Name PO Box 90487

13.b. ☐ Apt. ☐ Ste. ☐ Flr. N/A

13.c. City or Town San Diego

13.d. State CA **13.e.** ZIP Code 92169

13.f. Province N/A

13.g. Postal Code N/A

13.h. Country

USA

Part 4. Client's Consent to Representation and Signature

Consent to Representation and Release of Information

I have requested the representation of and consented to being represented by the attorney or accredited representative named in **Part 1.** of this form. According to the Privacy Act of 1974 and U.S. Department of Homeland Security (DHS) policy, I also consent to the disclosure to the named attorney or accredited representative of any records pertaining to me that appear in any system of records of USCIS, ICE, or CBP.

Part 4. Client's Consent to Representation and Signature (continued)

Options Regarding Receipt of USCIS Notices and Documents

USCIS will send notices to both a represented party (the client) and his, her, or its attorney or accredited representative either through mail or electronic delivery. USCIS will send all secure identity documents and Travel Documents to the client's U.S. mailing address.

If you want to have notices and/or secure identity documents sent to your attorney or accredited representative of record rather than to you, please select **all applicable** items below. You may change these elections through written notice to USCIS.

1.a. ☒ I request that USCIS send original notices on an application or petition to the business address of my attorney or accredited representative as listed in this form.

1.b. ☒ I request that USCIS send any secure identity document (Permanent Resident Card, Employment Authorization Document, or Travel Document) that I receive to the U.S. business address of my attorney or accredited representative (or to a designated military or diplomatic address in a foreign country (if permitted)).

NOTE: If your notice contains Form I-94, Arrival-Departure Record, USCIS will send the notice to the U.S. business address of your attorney or accredited representative. If you would rather have your Form I-94 sent directly to you, select **Item Number 1.c.**

1.c. ☐ I request that USCIS send my notice containing Form I-94 to me at my U.S. mailing address.

Signature of Client or Authorized Signatory for an Entity

2.a. Signature of Client or Authorized Signatory for an Entity

➡ [signature]

2.b. Date of Signature (mm/dd/yyyy) 01/19/2026

Part 5. Signature of Attorney or Accredited Representative

I have read and understand the regulations and conditions contained in 8 CFR 103.2 and 292 governing appearances and representation before DHS. I declare under penalty of perjury under the laws of the United States that the information I have provided on this form is true and correct.

1. a. Signature of Attorney or Accredited Representative

[signature]

1.b. Date of Signature (mm/dd/yyyy) 01/19/2026

2.a. Signature of Law Student or Law Graduate

N/A

2.b. Date of Signature (mm/dd/yyyy) N/A

Part 6. Additional Information

If you need extra space to provide any additional information within this form, use the space below. If you need more space than what is provided, you may make copies of this page to complete and file with this form or attach a separate sheet of paper. Type or print your name at the top of each sheet; indicate the **Page Number**, **Part Number**, and **Item Number** to which your answer refers; and sign and date each sheet.

1.a Family Name (Last Name): CALDERARO CALVO

1.b. Given Name (First Name): Adriano Percival

1.c. Middle Name: N/A

2.a. Page Number: N/A **2.b.** Part Number: N/A **2.c.** Item Number: N/A

2.d. N/A

3.a. Page Number: N/A **3.b.** Part Number: N/A **3.c.** Item Number: N/A

3.d. N/A

4.a. Page Number: N/A **4.b.** Part Number: N/A **4.c.** Item Number: N/A

4.d. N/A

5.a. Page Number: N/A **5.b.** Part Number: N/A **5.c.** Item Number: N/A

5.d. N/A

6.a. Page Number: N/A **6.b.** Part Number: N/A **6.c.** Item Number: N/A

6.d. N/A

Immigrant Petition for Alien Workers

Department of Homeland Security
U.S. Citizenship and Immigration Services

USCIS
Form I-140
OMB No. 1615-0015
Expires 02/28/2027

For USCIS Use Only	Fee Stamp	Priority Date	Consulate	Action Block

Classification

- ☐ 203(b)(1)(A) Alien of Extraordinary Ability
- ☐ 203(b)(1)(B) Outstanding Professor or Researcher
- ☐ 203(b)(1)(C) Multinational Executive or Manager
- ☐ 203(b)(2) Member of Professions with Advanced Degree/Exceptional Ability
- ☐ 203(b)(3)(A)(i) Skilled Worker
- ☐ 203(b)(3)(A)(ii) Professional
- ☐ 203(b)(3)(A)(iii) Other Worker

Certification

- ☐ National Interest Waiver (NIW)
- ☐ Schedule A, Group I
- ☐ Schedule A, Group II

Remarks

To be completed by an Attorney or Accredited Representative (if any).	☒ Select this box if Form G-28 or Form G-28I is attached.	Attorney State Bar Number (if applicable)	Attorney or Accredited Representative USCIS Online Account Number (if any)
		343486	007492625438

► **START HERE - Type or print in black ink.**

Part 1. Information About the Person or Organization Filing This Petition

If an individual is filing this petition, answer **Item Numbers 1.a. - 1.c.** If a company or organization is filing this petition, answer **Item Number 2.**

1.a. Family Name (Last Name): CALDERARO CALVO

1.b. Given Name (First Name): Adriano Percival

1.c. Middle Name: N/A

2. Company or Organization Name: N/A

Mailing Address

3.a. In Care Of Name: Otavio Haverroth Silva

3.b. Street Number and Name: PO Box 90487

3.c. ☐ Apt. ☐ Ste. ☐ Flr. N/A

3.d. City or Town: San Diego

3.e. State: CA **3.f.** ZIP Code: 92169

3.g. Province: N/A

3.h. Postal Code: N/A

3.i. Country: USA

Other Information

4. IRS Employer Identification Number (EIN) ► N/A

5. Are you a nonprofit organized as tax exempt or a governmental research organization? ☐ Yes ☒ No

6. Do you currently employ a total of 25 or fewer full-time equivalent employees in the United States, including all affiliates or subsidiaries of this company/organization? ☒ Yes ☐ No

7. U.S. Social Security Number (SSN) (if any) ► 021978764

8. USCIS Online Account Number (if any) ► N/A

Part 2. Petition Type

This petition is being filed for (select **only one** box):

1.a. ☒ An alien of extraordinary ability.

1.b. ☐ An outstanding professor or researcher.

1.c. ☐ A multinational executive or manager.

1.d. ☐ A member of the professions holding an advanced degree or an alien of exceptional ability (who is **NOT** seeking a National Interest Waiver (NIW)).

1.e. ☐ A professional (at a minimum, possessing a bachelor's degree or a foreign degree equivalent to a U.S. bachelor's degree).

Part 2. Petition Type (continued)

1.f. ☐ A skilled worker (requiring at least two years of specialized training or experience).

1.g. ☐ Any other worker (requiring less than two years of training or experience).

1.h. ☐ An alien applying for an NIW (who **IS** a member of the professions holding an advanced degree or an alien of exceptional ability).

This petition is being filed (select **only one** box):

2.a. ☐ To amend a previously filed petition.

Previous Petition Receipt Number

► N/A

2.b. ☐ For the Schedule A, Group I or II designation.

Part 3. Information About the Person for Whom You Are Filing

1.a. Family Name (Last Name): CALDERARO CALVO

1.b. Given Name (First Name): Adriano Percival

1.c. Middle Name: N/A

Mailing Address

2.a. In Care Of Name: Otavio Haverroth Silva

2.b. Street Number and Name: PO Box 90487

2.c. ☐ Apt. ☐ Ste. ☐ Flr. N/A

2.d. City or Town: San Diego

2.e. State: CA **2.f.** ZIP Code: 92169

2.g. Province: N/A

2.h. Postal Code: N/A

2.i. Country: USA

Other Information

3. Date of Birth (mm/dd/yyyy): 05/21/1979

4. City/Town/Village of Birth: Jacarei

5. State or Province of Birth: Sao Paulo

6. Country of Birth: Brazil

7. Country of Citizenship or Nationality: Brazil

8. Alien Registration Number (A-Number) (if any)

► A- N/A

9. U.S. SSN (if any) ► N/A

Information About His or Her Last Arrival in the United States

If the person for whom you are filing is in the United States, provide the following information.

10. Date of Last Arrival (mm/dd/yyyy): N/A

11.a. Form I-94 Arrival-Departure Record Number

► N/A

11.b. Expiration Date of Authorized Stay Shown on Form I-94 (mm/dd/yyyy): N/A

11.c. Status on Form I-94 (for example, class of admission, or paroled, if paroled): N/A

12. Passport Number: N/A

13. Travel Document Number: N/A

14. Country of Issuance for Passport or Travel Document: N/A

15. Expiration Date for Passport or Travel Document (mm/dd/yyyy): N/A

Part 4. Processing Information

Provide the following information for the person named in **Part 3.** (select **only one** box):

1.a. ☒ Alien will apply for a visa abroad at a U.S. Embassy or U.S. Consulate at:

1.b. City or Town: Rio de Janeiro

1.c. Country: Brazil

2.a. ☐ Alien is in the United States and will apply for adjustment of status to that of lawful permanent resident.

Part 4. Processing Information (continued)

2.b. Alien's current country of residence or, if now in the United States, last country of permanent residence abroad.

Brazil

If you provided a United States address in **Part 3.**, provide the person's foreign address in **Item Numbers 3.a. - 3.f.**:

3.a. Street Number and Name: J Street

3.b. ☒ Apt. ☐ Ste. ☐ Flr. Block 31 Apt 301

3.c. City or Town: Rio de Janeiro

3.d. Province: Rio de Janeiro

3.e. Postal Code: 21740160

3.f. Country: Brazil

If the person's native alphabet is other than Roman letters, type or print the person's foreign name and address in the native alphabet in **Item Numbers 4.a. - 4.c.**:

4.a. Family Name (Last Name): N/A

4.b. Given Name (First Name): N/A

4.c. Middle Name: N/A

Mailing Address

5.a. In Care Of Name: N/A

5.b. Street Number and Name: N/A

5.c. ☐ Apt. ☐ Ste. ☐ Flr. N/A

5.d. City or Town: N/A

5.e. Province: N/A

5.f. Postal Code: N/A

5.g. Country: N/A

If you answer "Yes" to **Item Numbers 6.a. - 10.**, provide the case number, office location, date of decision, and disposition of the decision in the space provided in **Part 11. Additional Information**.

6.a. Are you filing any other petitions or applications with this Form I-140? ☐ Yes ☒ No

6.b. If you answered "Yes" **to Item Number 6.a.**, select all applicable boxes:

- ☐ Form I-485
- ☐ Form I-131
- ☐ Form I-765
- ☐ Other (Provide an explanation in **Part 11. Additional Information**.)

7. Is the person for whom you are filing in removal proceedings? ☐ Yes ☒ No

8. Has any immigrant visa petition ever been filed by or on behalf of this person? ☐ Yes ☒ No

9. Are you filing this petition without an original labor certification because the original labor certification was previously submitted in support of another Form I-140? ☐ Yes ☒ No

10. If you are filing this petition without an original labor certification, are you requesting that U.S. Citizenship and Immigration Services (USCIS) request a duplicate labor certification from the Department of Labor (DOL)? ☐ Yes ☒ No

Part 5. Additional Information About the Petitioner

Type of petitioner (select **only one** box):

1.a. ☐ Employer

1.b. ☒ Self

1.c. ☐ Other (For example, Lawful Permanent Resident, U.S. citizen or any other person filing on behalf of the alien)

N/A

If a company or an organization is filing this petition, provide the following information:

2. Type of Business: N/A

3. Date Established (mm/dd/yyyy): N/A

4. Current Number of U.S. Employees: N/A

5. Gross Annual Income $ N/A

6. Net Annual Income $ N/A

7. NAICS Code ► N/A

8. Labor Certification DOL Case Number: N/A

Part 5. Additional Information About the Petitioner (continued)

9. Labor Certification DOL Filing Date (mm/dd/yyyy)

N/A

10. Labor Certification Expiration Date (mm/dd/yyyy)

N/A

If an individual is filing this petition, provide the following information.

11. Occupation

Professor of higher education

12. Annual Income $ N/A

Part 6. Basic Information About the Proposed Employment

1. Job Title

Postsecondary Teachers

2. SOC Code ▶ 25 - 1000

3. Nontechnical Job Description

See page 8.

4. Is this a full-time position? ☒ Yes ☐ No

5. If the answer to **Item Number 4.** is "No," how many hours per week for the position?

N/A

6. Is this a permanent position? ☒ Yes ☐ No

7. Is this a new position? ☐ Yes ☒ No

8. Wages (Specify hour, week, month, or year):

$ N/A per N/A

Worksite Location

For **Item Numbers 9.a. - 9.e.**, provide the address where the person will work if different from the address provided in **Part 1.**

9.a. Street Number and Name: To be determined

9.b. ☐ Apt. ☐ Ste. ☐ Flr. To be determined

9.c. City or Town: To be determined

9.d. State: TBD **9.e.** ZIP Code: To be determined

Part 7. Information About the Spouse and All Children of the Person for Whom You Are Filing

For **Part 7.**, provide information on the spouse and all children related to the individual for whom you are filing this petition. Also, note if the individual will apply for a visa abroad or adjustment of status as the dependent of the individual for whom the petition is filed. If you need extra space to provide information about additional family members, use the space provided in **Part 11. Additional Information**.

Person 1

1.a. Family Name (Last Name): CALDERARO CALVO

1.b. Given Name (First Name): Michele

1.c. Middle Name: N/A

2. Date of Birth (mm/dd/yyyy): 04/26/1981

3. Country of Birth

Brazil

4. Relationship: Spouse

5. Is he or she applying for adjustment of status? ☐ Yes ☒ No

6. Is he or she applying for a visa abroad? ☒ Yes ☐ No

Person 2

7.a. Family Name (Last Name): N/A

7.b. Given Name (First Name): N/A

7.c. Middle Name: N/A

8. Date of Birth (mm/dd/yyyy): N/A

9. Country of Birth

N/A

10. Relationship: N/A

11. Is he or she applying for adjustment of status? ☐ Yes ☐ No

12. Is he or she applying for a visa abroad? ☐ Yes ☐ No

Part 7. Information About Spouse and All Children of the Person for Whom You Are Filing (continued)

Person 3

13.a. Family Name (Last Name) N/A

13.b. Given Name (First Name) N/A

13.c. Middle Name N/A

14. Date of Birth (mm/dd/yyyy) N/A

15. Country of Birth
N/A

16. Relationship N/A

17. Is he or she applying for adjustment of status? ☐ Yes ☐ No

18. Is he or she applying for a visa abroad? ☐ Yes ☐ No

Person 4

19.a. Family Name (Last Name) N/A

19.b. Given Name (First Name) N/A

19.c. Middle Name N/A

20. Date of Birth (mm/dd/yyyy) N/A

21. Country of Birth
N/A

22. Relationship N/A

23. Is he or she applying for adjustment of status? ☐ Yes ☐ No

24. Is he or she applying for a visa abroad? ☐ Yes ☐ No

Person 5

25.a. Family Name (Last Name) N/A

25.b. Given Name (First Name) N/A

25.c. Middle Name N/A

26. Date of Birth (mm/dd/yyyy) N/A

27. Country of Birth
N/A

28. Relationship N/A

29. Is he or she applying for adjustment of status? ☐ Yes ☐ No

30. Is he or she applying for a visa abroad? ☐ Yes ☐ No

Person 6

31.a. Family Name (Last Name) N/A

31.b. Given Name (First Name) N/A

31.c. Middle Name N/A

32. Date of Birth (mm/dd/yyyy) N/A

33. Country of Birth
N/A

34. Relationship N/A

35. Is he or she applying for adjustment of status? ☐ Yes ☐ No

36. Is he or she applying for a visa abroad? ☐ Yes ☐ No

Part 8. Contact Information, Certification, and Signature of the Petitioner or Authorized Signatory

Petitioner or Authorized Signatory's Contact Information

1.a. Petitioner's or Authorized Signatory's Family Name (Last Name)

CALDERARO CALVO

1.b. Petitioner's or Authorized Signatory's Given Name (First Name)

Adriano Percival

2. Petitioner's or Authorized Signatory's Title

N/A

3. Petitioner's or Authorized Signatory's Daytime Telephone Number

+55 (12) 98858-5760

4. Petitioner's or Authorized Signatory's Mobile Telephone Number (if any)

+55 (12) 98858-5760

5. Petitioner's or Authorized Signatory's Email Address (if any)

pcdez@yahoo.com.br

Petitioner's or Authorized Signatory's Certification and Signature

If filing this petition on behalf of an organization, I certify that I am authorized to do so by the organization:

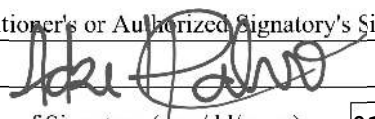
a. I reviewed and provided or authorized all of the responses and information in my petition;

b. I understood all of the responses and information contained in, and submitted with, my petition; and

c. All of the responses and information were complete, true, and correct at the time of filing

Furthermore, I authorize the release of any information from any and all of my records as authorized signatory and the petitioner's records that USCIS may need to determine the petitioner's eligibility for an immigration request and to other entities and persons where necessary for the administration and enforcement of U.S. immigration law.

6.a. Petitioner's or Authorized Signatory's Signature



6.b. Date of Signature (mm/dd/yyyy) 01/19/2026

Part 9. Interpreter's Contact Information, Certification, and Signature

Interpreter's Full Name

1.a. Interpreter's Family Name (Last Name)

N/A

1.b. Interpreter's Given Name (First Name)

N/A

2. Interpreter's Business or Organization Name

N/A

Interpreter's Contact Information

3. Interpreter's Daytime Telephone Number

N/A

4. Interpreter's Mobile Telephone Number (if any)

N/A

5. Interpreter's Email Address (if any)

N/A

Interpreter's Certification and Signature

I certify, under penalty of perjury, that I am fluent in English and N/A, and I have interpreted every question on the petition and Instructions and interpreted the petitioner's or authorized signatory's answers to the questions in that language, and the petitioner or authorized signatory informed me that they understood every instruction, question, and answer on the petition.

6.a. Interpreter's Signature

N/A

6.b. Date of Signature (mm/dd/yyyy) N/A

Part 10. Contact Information, Certification, and Signature of the Person Preparing this Petition, if Other Than the Petitioner or Authorized Signatory

Preparer's Full Name

1. Preparer's Family Name (Last Name)

HAVERROTH SILVA

Preparer's Given Name (First Name)

Otavio

2. Preparer's Business or Organization Name

HS Law Corp

Preparer's Contact Information

3. Preparer's Daytime Telephone Number

5102419336

4. Preparer's Mobile Telephone Number (if any)

5102419336

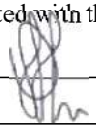
5. Preparer's Email Address (if any)

otavio@legalhs.com

Preparer's Certification and Signature

I certify, under penalty of perjury, that I prepared this petition for the petitioner or authorized signatory at their request and with express consent and that all of the responses and information contained in and submitted with the petition are complete, true, and correct and reflects only information provided by the petitioner or authorized signatory. The petitioner or authorized signatory reviewed the responses and information and informed me that they understand the responses and information in or submitted with the petition.

6. Preparer's Signature



Date of Signature (mm/dd/yyyy) 01/19/2026

Part 11. Additional Information

If you need extra space to provide any additional information within this petition, use the space below. If you need more space than what is provided, you may make copies of this page to complete and file with this petition or attach a separate sheet of paper. Type or print your name and A-Number (if any) at the top of each sheet; indicate the **Page Number**, **Part Number**, and **Item Number** to which your answer refers; and sign and date each sheet.

1. Family Name (Last Name): CALDERARO CALVO

Given Name (First Name): Adriano Percival

Middle Name: N/A

2. IRS EIN ► N/A

3.

Page Number	Part Number	Item Number
4	6	3

Teaching and advising students, assessing academic performance, supervising research projects, and contributing to academic research through data analysis, reports, and scientific publications, as well as supporting the development of research projects.

4.

Page Number	Part Number	Item Number
N/A	N/A	N/A

N/A

5.

Page Number	Part Number	Item Number
N/A	N/A	N/A

N/A

6.

Page Number	Part Number	Item Number
N/A	N/A	N/A

N/A

7.

Page Number	Part Number	Item Number
N/A	N/A	N/A

N/A

YOUSA
Law Firm

February 12, 2026

Via USPS
USCIS
Attn: I-140
P.O. Box 88774
Chicago, IL 60680-1774

Re: EB-1 FIRST PREFERENCE: EMPLOYMENT-BASED IMMIGRATION PETITION

Petitioner/Beneficiary:	**CALDERARO CALVO, Adriano Percival**
Nature of submission:	**ORIGINAL SUBMISSION**
Type of Petition:	**I-140, EB-1 Employment-based, first preference visa based on Petitioner's extraordinary ability**
Classification Sought:	**Immigration and Nationality Act 203(b)(1)(A)**

Dear USCIS Officer:

Our firm represents beneficiary and self-petitioner Dr. Adriano Percival Calderaro Calvo (hereinafter Dr. Calvo) in his petition for classification as a person of extraordinary ability under the EB-1A classification. Enclosed please find the following forms and supporting documents for his petition:

- Form G-1450, Authorization for Credit Card Transaction of $715.00 towards I-140 form filing fee.
- Form G-1450, Authorization for Credit Card Transaction of $300.00 towards Asylum Program fee (small employer).
- Form, G-1145, e-Notification of Application/Petition Acceptance
- Form G-28, Notice of Entry of Appearance as Attorney or Representative.
- Form I-140, Petition for Alien Worker and supporting documents.

Dr. Calvo qualifies as an alien of extraordinary ability **in Sciences – Exercise and Sport Science/ Human Performance Physiology)** under INA Section 203(b)(1)(A). The regulation at 8 CFR § 204.5(h) defines "extraordinary ability" as follows:

(a) Extraordinary ability means a level of expertise indicating that the individual is one of that small percentage who have risen to the very top of the field of endeavor.

(b) Initial evidence. A petition for an alien of extraordinary ability must be accompanied by evidence that the alien has sustained national or international acclaim and that his or her achievements have been recognized in the field of expertise. Such evidence shall include evidence of a one-time achievement (that is, a major, internationally recognized award), or **at least three** of the following (*See* 8 CFR 204.5(h)(3)):

i. *Documentation of the alien's receipt of lesser nationally or internationally recognized prizes or awards for excellence in the field of endeavor;*
ii. *Documentation of the alien's membership in associations in the field of endeavor, which require outstanding achievements of their members, as, judged by recognized national or international experts in their fields;*
iii. *Published material in professional or major trade publications or major media about the alien and relating to the alien's work in the field of endeavor;*
iv. *Evidence of the alien's participation, either individually or on a panel, as a judge of the work of others in the same or an allied field of specification for which classification is sought;*
v. *Evidence of the alien's original scientific, scholarly, or business contributions of major significance in the field of endeavor;*
vi. *Evidence of alien's authorship of scholarly articles in the field, in professional journals or other major media;*
vii. *Evidence of the display of the alien's work at artistic exhibitions or showcase;*
viii. *Evidence that the alien has performed in a leading or critical role for organizations or establishments that have a distinguished reputation;*
ix. *Evidence that the alien has commanded a high salary or other significantly high remuneration for services, in relation to others in the field; or*
x. *Evidence of commercial successes in the performing arts, as shown by box office receipts or record, cassette, compact disk, or video sales.*

(c) If the above standards do not readily apply to the beneficiary's occupation, the petitioner may submit comparable evidence to establish the beneficiary's eligibility.

This letter serves as a guide for all submitted evidence. Please find enclosed the referred documentation.

The petition is to obtain the immigrant classification on behalf of Dr. Calvo as a person of extraordinary ability. Dr. Calvo has attained a level of expertise indicating he is one of that small percentage of individuals who have risen to the very top of his field of endeavor, as can be evidenced by (i) evidence of receipt of lesser nationally or internationally recognized prizes or awards for excellence; (iv) evidence of invitation and participation as a judge of the work of others in the sciences field; (v) evidence of original scientific, scholarly, or business contributions of major significance in the field of endeavor; (vi) evidence of his authorship of scholarly articles in professional publications; (ix) evidence of leadership or critical role for an organization or department of distinguished reputation.

Dr. Calvo will show through credible documentation that, by applying the preponderance of evidence standard, he meets **at least five** of the regulatory criteria, and when considering the petition in its entirety for the final merits determination, he demonstrates the high level of expertise required for the classification. *(See Kazarian v. USCIS*, 596 F.3d 1115 (9th Cir. 2010)).

Moreover, Dr. Calvo seeks to enter the United States to continue work in the area of extraordinary ability and his entry will substantially benefit the United States in the future, as it will be further demonstrated herein.

A Brief Note about Dr. Calvo, a Brazilian Scholar and Researcher, and his Qualification as an Alien of Extraordinary Ability

Dr. Calvo is a Brazilian scholar and researcher whose career spans two decades at the intersection of exercise and sport science, applied biomechanics, and human performance physiology, **with a specialized focus on extreme environments**. He holds a bachelor's in physical education with a teaching license, a master's in human Motor Science, and a Ph.D. in Sciences in the Biomedical Engineering area. He further completed a postdoctoral fellowship in Exercise and Sport Science at the State University of Rio de Janeiro (UERJ). Dr. Calvo currently serves as an Associate Professor and has held appointments at leading Brazilian public federal universities as well as a visiting professorship at the U.S. Naval Aerospace Medical Research Unit (NAMRU) in Dayton, Ohio, an institution renowned for advanced research on human performance under hostile conditions.

Dr. Calvo's scientific output includes more than 28 peer-reviewed publications across national and international journals, two articles accepted for publication in 2025, and a co-authored book, "Athletics Is Learned at School," published in two editions. **The academic community widely cites his work, with 228 citations to date, reflecting the impact and broader acceptance of his research contributions**. His doctoral thesis established measurable improvements in static and dynamic balance from proprioceptive insole interventions, and his subsequent research program has addressed critical topics such as hypobaric hypoxia tolerance in aircrew, musculoskeletal fatigue and pain in military pilots, operational human performance, and applied electromyography and force platform assessments. This portfolio demonstrates original scientific contributions and sustained national and international recognition in the science of human performance.

In academia, Dr. Calvo has demonstrated leadership and influence through longstanding graduate mentorship and service to the field. He has supervised eight master's theses to completion and advised 30 undergraduate research projects, shaping the next generation of scientists and practitioners in biomechanics and human performance. He has been invited to present at scientific forums and to contribute to research in collaboration with Aerospace Medicine programs, including Brazil's Aerospace Medicine Institute (IMAE), where his advisory work supported safety and performance protocols for high-risk physiological training environments. His selection as an Associate Editor for Motriz – Physical Education Journal (E-ISSN: 1980-6574) and service as an *ad hoc* reviewer for several journals further underscore peer recognition of his expertise and his role in maintaining the rigor of the field's scientific literature.

Dr. Calvo will continue working and contributing to the area of extraordinary ability

Under INA 203(b)(1)(A)(ii), to qualify as a person with extraordinary ability, the beneficiary must intend to continue to work in the area of his or her expertise. Upon moving to the United States, Dr. Calvo intends to continue advancing research and pedagogy in exercise and sport science, applied biomechanics, and human performance physiology, with a particular focus on extreme and hostile environments such as hypoxia and high-G exposure. He emphasizes a translational approach that bridges motor behavior, biomechanics, and biomedical engineering to improve

operational performance and safety for aircrew and other high-demand populations. His background positions him to contribute both in university settings and in applied research institutes.

In the short term, he plans to build on the momentum of his recent 2024–2025 visiting professorship at the U.S. Naval Aerospace Medical Research Unit (NAMRU) in Dayton, Ohio. He indicates an intent to continue collaborative projects that apply combined physiological and biomechanical assessments, such as electromyography, force platform analysis, kinematic measurement, biostatistics, and biological data processing, to issues central to U.S. aerospace and defense readiness. These include musculoskeletal risk and fatigue in pilots, hypoxia safety, and spatial disorientation following simulation. He also anticipates contributing to teaching, student advising, and scientific reporting at U.S. universities and research centers.

Over the medium term, he aims to develop integrative, cross-disciplinary research programs with U.S. universities and aerospace medicine entities to address public health and operational performance in specialized populations. He outlines goals to expand publication output and to translate laboratory findings into practical protocols and countermeasures, such as strategies for fatigue mitigation, enhanced hypoxia tolerance, and improved muscle resistance to high-G forces. He also highlights plans to strengthen the U.S. research ecosystem through graduate mentorship and continued service in editorial and peer-review roles.

His case points to several documents and achievements that support these intentions. These include evidence of his NAMRU Visiting Professor role (2024–2025) demonstrating recent U.S. institutional engagement; his Associate Professor appointments and long tenure in Brazil's federal university system; his position as an Associate Editor for Motriz, Physical Education Journal and ad hoc reviewing for multiple journals; and a robust publication record, 29 articles to date, with additional works accepted for 2025, and a co-authored book cited over 200 times on Google Scholar.

Thus, Dr. Calvo possesses clear career goals related to research and teaching in exercise science, biomechanics, and human performance in the United States, notably within emphasis on extreme environments such as hypoxia and high-G exposure. He seeks to engage with academic institutions, scientific societies, and governmental agencies through collaborative research, teaching, and community outreach.

For further evidence on how Dr. Calvo proposes to continue working and contributing to his field in the United States, we are submitting the following evidence on **Exhibit A**:

A.1. Resume of Adriano Percival Calderaro Calvo (Aug. 2025).

A.2. Personal Statement of Adriano Percival Calderaro Calvo to U.S. Citizenship & Immigration Servs. (Mar. 6, 2025).

A.3. Letter of Invitation from Naval Aerospace Medical Research Unit Dayton to Adriano Percival Calderaro Calvo, dated September 28, 2023.

A.4. Naval Medical Research Unit Dayton, Certificate of Appreciation presented to Dr. Adriano Calderaro Calvo (Mar. 24, 2025).

Beneficiary's Entry to Substantially Benefit the United States in the Future

INA 203(b)(1)(A)(iii) establishes that to qualify as a person with extraordinary ability, his/her entry must also substantially benefit the United States in the future. **This interpretation should be broad as neither the statute nor the regulations specifically define the statutory phrase "substantially benefit"**. (*see* U.S. Citizenship & Immigr. Servs., Policy Manual, vol. 6, pt. F, ch. 2, § A.3, https://www.uscis.gov/policy-manual/volume-6-part-f-chapter-2 (last updated Oct. 20, 2021).).

Dr. Calvo's U.S.-focused engagement underscores the relevance of his expertise. During his visiting professorship at the U.S. Navy department, he conducted advanced biological data processing, biostatistical analyses, and co-developed research manuscripts **on topics directly relevant to U.S. aviation and defense**, such as fatigue, musculoskeletal risk, and human performance in hypoxia and high-G environments.

These contributions align with U.S. priorities in aerospace, defense, and public health, translating laboratory insight into operational readiness and safety. His rare translational profile positions him to deliver continued, significant benefit to the United States through cutting-edge research, cross-disciplinary collaboration, and high-impact training of students and professionals.

As the USCIS Policy standardizes, the statutory requirement under INA § 203(b)(1)(A)(iii) that a beneficiary's entry "substantially benefit" the United States **is interpreted broadly and assessed on a case-by-case basis**. Dr. Calvo's record of original research, institutional collaboration, and academic mentorship aligns squarely with this guidance, demonstrating his readiness to enrich the U.S. scientific community applied to human physical performance and safety in extreme conditions.

His future contributions are not speculative, they are grounded in ongoing projects, peer-reviewed publications, multiple invitations to share his knowledge among global experts, and prearranged commitments to continue working in his area of extraordinary ability. Through his leadership in interdisciplinary studies, mentorship of emerging scientists, and development of applied biomedical knowledge, Dr. Calvo will continue to strengthen the United States' capacity for scientific innovation, public health resilience, and global leadership in human performance research.

In summary, Dr. Calvo has earned sustained national and international recognition for his scientific achievements. His contributions have been consistently acknowledged by peers and institutions of distinction, demonstrating that he is "one of that small percentage who have risen to the very top of the field of endeavor." (8 C.F.R. § 204.5(h)(2)).

Accordingly, as per the first step examination whether petitioner meets the extraordinary ability classification, Officer should determine whether, **by preponderance of the evidence**, the petitioner **objectively** meets at least three of ten regulatory Criteria listed under 8 CFR § 204.5(h), as explained below:

Evidence of Extraordinary Ability

Criterion 1: Receipt of lesser nationally or internationally recognized prizes or awards for excellence in the field of endeavor.

USCIS interpreters the plain language of this criterion under 8 CFR 204.5(h)(3)(i) requiring whether the petitioner demonstrates he was the recipient of prizes or award, and whether the award is a lesser nationally or internationally recognized prize or award which the person received for excellence in the field of endeavor.

Dr. Calvo's receipt of prestigious federal research scholarships from the Brazilian Ministry of Education, including the **Bolsa CAPES master's Scholarship** and the **CNPq *"Professor Ben Hur de Albuquerque e Silva"* Research Abroad Grant**, qualifies as **nationally recognized prizes or awards for excellence** in the field as required by 8 C.F.R. § 204.5(h)(3)(i).

USCIS considers awards to satisfy 8 C.F.R. § 204.5(h)(3)(i) when they are **national or international in scope**, **competitive**, and granted **in recognition of excellence in the field**, rather than as routine financial support or general student benefits. The USCIS Policy Manual further emphasizes that **awards granted by nationally distinguished governmental bodies and requiring rigorous merit-based selection criteria are probative of professional excellence and recognition.** (*See* U.S. Citizenship & Immigration Servs., *Policy Manual*, Vol. 6: Immigrants - Part F: Extraordinary Ability, Chapter 2: "Receipt of Lesser Nationally or Internationally Recognized Prizes or Awards" (last updated June 17, 2020), https://www.uscis.gov/policy-manual/volume-6-part-f-chapter-2.).

Dr. Calvo received two of Brazil's highest federal academic research honors, namely:

(1) the **CAPES Master's Scholarship**, issued through the Brazilian Ministry of Education's Coordination for the Improvement of Higher Education Personnel (CAPES); and

(2) the **CNPq / "Professor Ben Hur de Albuquerque e Silva" Scholarship for Study and Research Abroad**, issued through the National Council for Scientific and Technological Development (CNPq), a federal agency historically responsible for awarding **Brazil's most competitive academic and scientific research grants**.

Both awards are **national in scope and based exclusively on academic merit**. Selection for these scholarships requires (i) superior academic performance, (ii) proven research productivity, and (iii) demonstrated potential for scientific contribution in Brazil and abroad. Only a **highly reduced percentage of applicants are awarded funding**, underscoring the selective nature of these federal programs. CAPES and CNPq are the **two most prominent governmental scientific funding institutions in Brazil**, and their merit-based awards are widely recognized in the Brazilian scientific community as indicators of **scientific distinction and excellence**.

Dr. Calvo's award documentation confirms that the CAPES Masters Scholarship and the CNPq Research Abroad Grant were granted **specifically in recognition of exceptional academic and scientific performance**, rather than routine financial assistance. These awards are **reserved for top candidates nationally**, and their competitive nature is further demonstrated by the fact that CNPq funded Dr. Calvo's international scientific development **only after ranking his application**

among Brazil's top research proposals nationwide. Thus, Dr. Calvo's receipt of these scholarships demonstrates national recognition commensurate with excellence in his field.

Supporting documentation demonstrating that Dr. Calvo has received a lesser nationally recognized award for excellence in the sciences field is submitted under **Exhibit B**:

B.1. Email from the National Council for Scientific and Technological Development (CNPq) to Dr. Adriano Percival Calderaro Calvo, dated Sept. 12, 2023, notifying that he was selected as the recipient of a 12-month PDE research fellowship abroad, contingent upon completion of required forms.

B.2. Notice from the Education Directorate – Piracicaba Region, Official Gazette of the State of São Paulo, Executive Branch, Section I, published Oct. 4, 2006, confirming that financial aid for participation in a master's Scholarship Project was granted to Dr. Adriano Percival Calvo for the period from Apr. 2006 to Sept. 2007.

B.3. Printout *CNPq Scholarship Merit Criteria*, demonstrating that CNPq scholarships are awarded through a competitive national evaluation based on academic performance rankings and research impact metrics.

B.4. *PDE Research Modality Program Description*, demonstrating that the CNPq international research scholarship is granted only to researchers with proven high scientific productivity and substantial potential for scientific contribution abroad.

B.5. Printout *About CNPq* (Government Institutional Overview), demonstrating that CNPq functions as a federal scientific body whose mission is to support researchers with distinguished academic records and recognized scientific impact.

B.6. Federal Statute Governing CAPES Scholarships, demonstrating that CAPES scholarships operate under a federal statutory framework establishing eligibility based on academic merit and scientific distinction.

B.7. CAPES Scholarship Criteria, demonstrating that CAPES evaluates candidates using merit-based criteria, such as superior academic performance, research productivity, and relevance of scientific contributions. Available at https://querobolsa.com.br/revista/bolsista-da-capes.

Because the CNPq and CAPES scholarships are **national-level, merit-based awards issued by Brazil's highest federal agencies in recognition of academic and scientific excellence**, they meet the standard for nationally recognized prizes or awards for excellence in the field pursuant to 8 C.F.R. § 204.5(h)(3)(i). Therefore, this criterion is fully satisfied.

Criterion 4. The Petitioner's participation, either individually or on a panel, as a judge of the work of others in the same or an allied field of specialization for which classification is sought.

Under 8 C.F.R. § 204.5(h)(3)(iv), an individual may demonstrate extraordinary ability by providing evidence that he or she "has been a judge of the work of others in the same or an allied field of specialization." USCIS interprets this provision to include instances where the individual has *actually participated* in the evaluation of others' scholarly work. Examples include "peer reviewing for a scholarly journal, as evidenced by a request from the journal to the person to do the review, accompanied by proof that the review was actually completed," or serving as a reviewer for conference abstracts, Ph.D. committees, or government research funding programs. *U.S. Citizenship & Immigr. Servs., Policy Manual*, vol. 6, pt. F, ch. 2(A)(3), https://www.uscis.gov/policy-manual/volume-6-part-f-chapter-2.

Dr. Calvo clearly meets these requirements. He serves as an Associated Editor on the Editorial Board of *Motriz Magazine*, a peer-reviewed journal published by São Paulo State University (UNESP), covering research in physical education and related fields. In addition, he was invited and submitted manuscript and article review for several reputable scientific publications in his field. He was also nominated and served on the Examining Committee for the Adjunct Professor Selection Process in the areas of Artistic Gymnastics, General Gymnastics, Supervised Internship in Physical Education, Futsal, Swimming, and Higher Education in Physical Education.

Moreover, Dr. Calvo was repeatedly invited to serve as a member or president of academic examination boards for the evaluation and defense of master's theses and postgraduate final projects, primarily in the field of Human Performance and Operational Performance at the Universidade da Força Aérea (UNIFA) and as an external examiner at the Universidade Federal de Mato Grosso (UFMG). These judging activities involved reviewing written dissertations, attending oral defenses (often via videoconference), questioning candidates, and deliberating on the academic merit and approval of the work, both as a regular member and, at times, as president of the examining committee.

Associated Editor - Editorial Board *Motriz Journal*

Dr. Calvo is a member of the Editorial Board of *Motriz* - Journal of Physical Education, serving as Associate Editor since September 9, 2023. He was **invited** to assume this role based on his recognized expertise in the areas of biomechanics and training and exercise metabolism. As an Associated Editor, Dr. Calvo is a core part in maintaining the scientific rigor and credibility of the journal by coordinating the peer-review process, making informed editorial decisions, and judging the submitted works, ensuring that each published article meets the highest standards of academic quality and relevance in the field.

Motriz Journal stands as **one of Brazil's most respected scientific publications in the specialized fields of physical education, sports science, and human movement studies**. *Motriz* is committed to disseminating high-quality research that promotes academic excellence, methodological rigor, and practical relevance. Affiliated with UNESP's renowned Institute of Biosciences in Rio Claro, the journal benefits from the institution's strong tradition of scientific research and educational leadership. Moreover, the journal is indexed in international databases

such as Scopus and SciELO, serving as a platform for global collaboration and knowledge exchange and showcasing innovative studies that contribute to the advancement of exercise science, health, and human performance worldwide. Accordingly, Dr. Calvo's editorial activities within *Motriz* fully satisfy the evidentiary standard for demonstrating that he has *judged the work of others in the same or an allied field of specialization* under USCIS guidelines.

Peer-reviewer for international scholarly journals in Physical Therapy, Physical Education, Rehabilitation and Biomedical Science.

In this case, Dr. Calvo has met and exceeded the evidentiary threshold articulated by USCIS. He was **invited on multiple occasions** to serve as a peer reviewer for well-established scientific journals, including the *Journal of Bodywork and Movement Therapies*, *Retos: Nuevas Tendencias en Educación Física, Deporte y Recreación*, *Revista Agulhas Negras (RAN)*, *Revista da UNIFA*, and *Corpociencia*. Each invitation was accompanied by confirmation of his completed reviews, thereby establishing not only that he was selected to judge the work of others, but that he actively fulfilled this scholarly responsibility.

These journals maintain peer-reviewed publication standards within the broader fields of physical education, sports science, and human performance, areas directly aligned with Dr. Calvo's expertise. The *Journal of Bodywork and Movement Therapies* (Elsevier) is an internationally indexed, Scopus-listed publication dedicated to evidence-based clinical and movement research. *Retos* is likewise indexed in Scopus (SJR ≈ 0.338)[1] and publishes academic articles in physical education and sports pedagogy. *Revista Agulhas Negras* and *Revista da UNIFA*, both official Brazilian institutional journals, publish multidisciplinary research in applied sciences, education, and defense studies, contributing to academic discourse in allied scientific domains. *Corpociencia* focuses on human movement and health sciences, further situating Dr. Calvo's reviews within his field of specialization.

In each instance, Dr. Calvo evaluated original scientific manuscripts, assessing methodology, literature review, and research validity. This function directly reflects the USCIS-recognized example of "peer reviewing for a scholarly journal**"**, which the agency identifies as qualifying evidence under the "judging the work of others" criterion. See *USCIS Policy Manual*, vol. 6, pt. F, ch. 2(A)(3).

Academic and Institutional Evaluation of Scholarly and Professional Work

Lastly, Dr. Calvo's appointments by Brazilian federal universities and the Air Force University demonstrate that he was both *invited to* and *actually participated in* scholarly evaluations that required expert judgment of research quality, scientific rigor, and professional competence within the field of physical education and health sciences. These activities align precisely with USCIS-recognized examples of qualifying evidence, **such as serving as a member of a Ph.D. dissertation committee or acting as a peer reviewer for research programs.**

At the highest scholarly level, Dr. Calvo served as an examiner and committee member for multiple **doctoral and master's thesis defenses** at UFMT and the UFJF, as well as within the Graduate

[1] https://www.scimagojr.com/journalsearch.php?q=21100468901

Program in Health Sciences, and the Professional master's Program in Operational Human Performance (PPGDHO). In these capacities, he critically evaluated research design, methodology, and findings before academic degrees were conferred, ensuring the originality and scientific validity of each work. For instance, he served as an internal and external examiner in graduate defenses covering topics such as physical conditioning, sports motivation, and biomechanics at UFMT, and as an examiner in a doctoral dissertation on muscle recovery in health sciences. He also served as an advisor and examining member in several professional master's defenses at UNIFA, assessing research in operational physiology, aviation performance, and ergonomic analysis within the Brazilian Air Force.

In addition to his academic examining roles, Dr. Calvo was officially appointed to **faculty selection committees** that evaluated candidates for teaching and research positions at these public universities. The UFMT designated him as a member of the **Examining Committee for the Adjunct Professor Selection Process** in various physical education disciplines, while the UFJF appointed him to the **Assistant Professor Selection Committee** for the Department of Physical Education. These assignments required him to assess applicants' scholarly credentials, teaching experience, and research portfolios, demonstrating his professional recognition as an expert qualified to evaluate academic lecturers in his field.

Further, Dr. Calvo served in an institutional capacity as a **member of the Extension Project Evaluation Committee** at UFMT, where he was appointed to review and assess the quality, methodology, and impact of research and community extension proposals for a two-year term. This form of evaluation mirrors the USCIS example of "peer reviewing for government research funding programs," as it involves applying expert analysis to determine which projects merit institutional approval or funding. *See U.S. Citizenship & Immigr. Servs., Policy Manual*, vol. 6, pt. F, ch. 2(A)(3), https://www.uscis.gov/policy-manual/volume-6-part-f-chapter-2.

Overall, Dr. Calvo's editorial and peer-reviewers roles for internationally recognized scientific publications and multiple appointments across federal universities and military academic institutions establish that he has repeatedly been entrusted with the scholarly responsibility of judging the work of others in the same or allied fields. His participation in graduate defense committees, faculty selection panels, and research evaluation boards also constitutes strong and direct evidence that satisfies 8 C.F.R. § 204.5(h)(3)(iv), as interpreted by the USCIS Policy Manual.

To demonstrate that Dr. Calvo fully meets this regulatory criterion, we are submitting the following evidence under **Exhibit C**:

> **C.1.** *Motriz invitation letter* — Email dated September 18, 2024, inviting Dr. Calvo to serve as Associate Editor and select reviewers for the manuscript entitled *"Complications, Strategies, and Types of Stretching for Vertical Jump Performance: A Systematic Review."*
>
> **C.2.** *Motriz invitation letter* — Email dated September 18, 2024, inviting Dr. Calvo to act as Associate Editor and select reviewers for the manuscript entitled *"Association between Physical Performance and Health Indicators of Federal Highway Police Officers from the State of Ceará-Brazil."*

C.3. *Motriz confirmation of review* — Official email dated April 1, 2024**,** from Dr. Cynthia Yukiko Hiraga, Editor-in-Chief of *Motriz: Journal of Physical Education*, confirming Dr. Calvo's completion of reviewer selection and recommendation for the manuscript entitled *"Monitoring Training Load Measures Used in Indoor and Beach Volleyball: A Systematic Review."*

C.4. Printout *About the Journal – Motriz: Journal of Physical Education* dated March 2023, available at https://www.periodicos.rc.biblioteca.unesp.br/index.php/motriz/about describing the mission, scope, and editorial standards of *Motriz: Journal of Physical Education* within the field of physical education, physical therapy, and exercise science.

C.5. *Motriz declaration of editorial collaboration* dated June 16, 2025, confirming Dr. Calvo's service as Associate Editor and editorial board member with active duties in peer review and journal administration.

C.6. Printout *Associate Editors page (Motriz Journal of Physical Education)* dated May 2, 2025, available at https://www.periodicos.rc.biblioteca.unesp.br/index.php/motriz/EditoresAssociados, showing Dr. Calvo listed among the journal's Associate Editors, thereby confirming his membership on the editorial board.

C.7. *JBMT invitation to review* — Email dated November 4, 2024, from the *Journal of Bodywork & Movement Therapies* inviting Dr. Calvo to review the manuscript entitled *"Recaptured Lives: The Long-Term Embodied Transformation of PTSD-Affected D anish Military Veterans through Basic Body Awareness Therapy."*, demonstrating that the beneficiary was invited to judge the work of others in his field.

C.8. *JBMT appreciation email-* Email dated October 21, 2024, from *Jerrilyn Cambron, DC, PhD*, Editor of the *Journal of Bodywork & Movement Therapies*, thanking Dr. Calvo for completing his peer review of the manuscript *"Validity and Reliability of a 3D-Printed Hand-Held Dynamometer for Measuring Knee M uscle Strength."*, demonstrating that Dr. Calvo actually performed his judging role.

C.9. *Journal of Bodywork & Movement Therapies* (JBMT), *Tutorial for Reviewers*, Version 17.0 (Q2 2021) (excerpts), explaining the procedures for the reviewers to submit their evaluation after formal invitation.

C.10. Printout *JBMT review history summary* dated July 16, 2025, from Elsevier's Editorial Manager, showing Dr. Calvo's review history for the journal (Reviewer ID profile: https://www.editorialmanager.com/yjbmt/PersonInfo.aspx), confirming two completed peer reviews (including YJBMT-D-24-00436 and YJBMT-D-25-00392) and summarizing his reviewer performance.

C.11. *Airforce University (UNIFA) invitation email* dated August 13, 2025, from *Prof. Dr. Karina Coelho Pires* inviting Dr. Calvo to review the manuscript entitled *"Association Between Musculoskeletal Injury, Operational Demand, and Physical Activity Level in Pilots*.", demonstrating that Dr. Calvo was invited to judge the work of others.

C.12. *Airforce University (UNIFA) acknowledgment email* dated October 31, 2023, from *Prof. Dr. Karina Coelho Pires* acknowledging and thanking Dr. Calvo for completing his peer review of the manuscript *"Health Research in Microgravity.",* demonstrating that the beneficiary actually judged the work.

C.13. *Retos invitation email* dated July 18, 2025, from *Francisco Ruiz Juan*, inviting Dr. Calvo to review the manuscript entitled "*Time Motion Analysis Across Different Phases of female Brazilian Jiu-Jitsu competitions."*

C.14. *Retos reminder email* dated February 21, 2025, from *Francisco Ruiz Juan*, Dr. Calvo to complete his review of the manuscript *"Evaluating the Impact of NSAIDs and Exercize Therapy Versus Sole Exercise Therapy on Joint Mobility, Pain Levels, Grip Strength, and Muscle Activity in Lateral Epicondylitis Patients.",* demonstrating that Dr. Calvo was invited to judge the work of others in his field.

C.15. *Retos acknowledgment of review email* dated December 10, 2024, from *Francisco Ruiz Juan*, acknowledging receipt and thanking Dr. Calvo for his completed review of the manuscript *"Comparative Analysis of Rapid Weight Loss Among Brazilian and European Brazilian Jiu-Jitsu Practitioners at All Skill Levels: From Amateurs to Professionals.",* demonstrating that Dr. Calvo actually participated in the evaluation of the work of others.

C.16. Printout *Revista RETOS*, *Reviewers 2025 List*, https://revistaretos.org/index.php/retos/Revisores2021 (last visited Nov. 12, 2025), showing listing of Dr. Calvo as one of the reviewers within the scientific magazine

C.17.. *Corpoconsciência invitation e-mail (May 30, 2019)* from *Evando Carlos Moreira*, *Federal University of Mato Grosso (UFMT)*, inviting Dr. Calvo to review the manuscript titled *"Sociodemographic Variables as Factors Affecting Motivation, Self-Esteem, and Body Dissatisfaction in Elderly Women Practicing Water Aerobics.".*

C.18. *Corpoconsciência invitation e-mail (September 2, 2019)* inviting Dr. Calvo to review the manuscript entitled *"Workplace Gymnastics: Prerogatives for dissemination."*

C.19. *Corpoconsciência invitation e-mail (August 15, 2020)*, inviting Dr. Calvo to review the article *"Prevalence of Glenohumeral Internal Rotation Deficit and Scapular Dyskinesis in Amateur Swimmers.".*

C.20. *Corpoconsciência invitation e-mail (November 23, 2020)*, confirming a new assignment to Dr. Calvo for the same manuscript, *"Prevalence of Glenohumeral Internal Rotation Deficit and Scapular Dyskinesis in Amateur Swimmers.".*

C.21. *Corpoconsciência invitation e-mail (June 15, 2021,* inviting Dr. Calvo to review the manuscript entitled *"The Influence of Stretching Performed Prior to the 1RM on the performance of the Bench Press: The influence os stretching performed prior to the 1RM test on the performance of the bench press.".*

C.22. *Corpoconsciência acknowledgment e-mail (November 26, 2020)* from *Evando Carlos Moreira*, UFMT, thanking Dr. Calvo for completing his peer review of *"Prevalence of Internal Rotation Deficit of Glenoumeral and Scapular Dyskinesia in Amateur Swimmers",* demonstrating that the beneficiary completed the judging process.

C.23. *Agulhas Negras Journal acknowledgment e-mail (September 4, 2024)*, thanking Dr. Calvo for completing the peer review of the manuscript titled *"Development and Validation of Physical Tests in the Military Context: Insights for the Tactical Athlete",* confirming that Dr. Calvo performed the requested evaluation for the work.

C.24. *Revista Brasileira de Ciencia e Movimento (RBCM)* email correspondence (June 25, 2014, and July 7, 2014), thanking Calvo for completing the evaluations of the submissions titled "*Schoolchildren with low academic performance present low motor performance: an exploratory study"* and *"Postural Changes in Institutionalized Children and Adolescents,"* and acknowledging his role as an Article Reviewer for RBCM in 2014, confirming that Dr. Calvo was invited and performed the requested work.

C.25. Federal University of Mato Grosso (UFMT) formal appointment as *External Examiner* for the doctoral dissertation of Michelle Jalousie Kommers in the Graduate Program in Health Sciences, where he evaluated the candidate's research and digitally signed the official defense minutes. *Ministry of Educ., Fed. Univ. of Mato Grosso, Graduate Program in Health Scis., Minutes of the Public Defense of the Doctoral Dissertation of Michelle Jalousie Kommers* (May 14, 2025), demonstrating that Dr. Calvo was invited and judged the work of others in his field.

C.26. Air Force University (UNIFA) declaration confirming Dr. Calvo's participation as *Examining Committee Member* for the professional master's defense titled *"Contrast Sensitivity in Brazilian Air Force Pilots: An Exploratory Study,"* verifying that he reviewed and approved the research findings. *Ministry of Def., Air Force Command, Air Force Univ., Declaration – Contrast Sensitivity in Brazilian Air Force Pilots: An Exploratory Study* (Aug. 25, 2022), demonstrating that the beneficiary performed the evaluation work.

C.27. UNIFA confirmation that Dr. Calvo served as *Examining Committee Member* for the dissertation *"Ergonomic Aspects of the C-105 Cockpit in the Presence of the Electronic Flight Bag,"* evidencing his evaluation of academic content and methodological rigor. *Ministry of Def., Air Force Command, Air Force Univ., Declaration – Ergonomic Aspects of the C-105 Cockpit in the Presence of the Electronic Flight Bag* (Dec. 14, 2022).

C.28. UNIFA recognition of Dr. Calvo as *Examining Committee Member* for the master's defense *"Characterization of Physical Performance and Psychological Demands of Military Personnel Undergoing the Air Force Commando Course,"* evidencing that he reviewed and approved the research. *Ministry of Def., Air Force Command, Air Force*

Univ., Declaration – Characterization of Physical Performance and Psychological Demands of Military Personnel Undergoing the Air Force Commando Course (Oct. 21, 2023).

C.29. UNIFA recognition of Dr. Calvo as Examining Committee Member for the master's defense *"Analysis of Cardiovascular Automatic Responses of Military Pilots During a Sequence of Aerobatic Maneuvers***"** evidencing that he reviewed the research. Ministry of Def., Air Force Command, Air Force Univ., Declaration – (Nov. 16, 2023)

C.30. UNIFA declaration of Dr. Calvo participation as *Examining Committee Member* for the dissertation *"Correlation Between Anaerobic Physical Performance and Specific Combat Tasks in APHT Operators of the Brazilian Air Force,"* verifying that he served as evaluator and signatory to the committee's decision. *Ministry of Def., Air Force Command, Air Force Univ., Declaration – Correlation Between Anaerobic Physical Performance and Specific Combat Tasks in APHT Operators of the Brazilian Air Force* (Dec. 19, 2023).

C.31. UNIFA confirmation of Dr. Calvo's role as *Advisor and Examining Committee Member* for the dissertation *"Hypoxia Training in a Hypobaric Chamber: A Systematic Review of Observed Changes in Aviators' Symptoms,"* demonstrating that he directed and judged the candidate's research. *Ministry of Def., Air Force Command, Air Force Univ., Declaration – Hypoxia Training in a Hypobaric Chamber: A Systematic Review of Observed Changes in Aviators' Symptoms* (Aug. 7, 2024).

C.32. UNIFA declaration - Dr. Calvo as *Chair of the Examining Committee* for the professional master's defense *"Cross-Sectional Study on Musculoskeletal Symptoms in Senior Air Force Academy Cadets: Characteristics and Associations,"* confirming that he presided over the session and issued the final approval. *Air Force Univ., Minutes of Defense Examination of the Final Thesis – Cross-Sectional Study on Musculoskeletal Symptoms in Senior Air Force Academy Cadets: Characteristics and Associations* (Nov. 1, 2024).

C.33. The Admiral Adalberto Nunes Physical Education Center (CEFAN) of UNIFA confirmation of Dr. Calvo's participation as *Examining Committee Member* in the graduate defense *"Physical Conditioning Components Associated with Load-Bearing March Performance: A Systematic Review,"* demonstrating that he assessed and approved the final thesis. *Air Force Univ., CEFAN, Minutes of Defense Examination – Physical Conditioning Components Associated with Load-Bearing March Performance: A Systematic Review* (July 28, 2023).

C.34. UNIFA appointment of Dr. Calvo as *Examining Committee Member* for the professional master's defense *"The Influence of Sleep, Mood, Happiness, and Physical Conditioning on Flight Performance in Brazilian Air Force Cadet Pilots,"* confirming that he was invited to participate in the academic evaluation and approval of the dissertation. *Ministry of Def., Air Force Command, Air Force Univ., Declaration – The Influence of Sleep, Mood, Happiness, and Physical Conditioning on Flight Performance in Brazilian Air Force Cadet Pilots* (Mar. 12, 2025).

C.35. The Federal University of Mato Grosso (UFMT) official appointment of Dr. Calvo to serve on the Extension Project Evaluation Committee, confirming that he was invited

to act as a judge and evaluator of academic research projects submitted to the School of Physical Education. *Ministry of Educ., Fed. Univ. of Mato Grosso, Decision 016/FEF/2015* (Dec. 8, 2015).

C.36. UFMT formal appointment of Dr. Calvo to serve on the Examining Committee for the Adjunct Professor Selection Process in the School of Physical Education, confirming that he was officially invited to act as a member of the judging committee responsible for evaluating candidates in multiple teaching and research areas, including gymnastics, swimming, futsal, and higher education in physical education. *Ministry of Educ., Fed. Univ. of Mato Grosso, Sch. of Physical Educ., Decision 012/FEF/2013* (May 3, 2013).

C.37. Federal University of Juiz de Fora (UFJF) official declaration confirming that Dr. Calvo served as *Member of the Examining Committee* for the Assistant Professor Selection Process in the Department of Physical Education, held under Exam Bulletin No. 20/2014. The declaration verifies that he participated in judging the academic credentials and examinations of candidates applying for a faculty position, thereby demonstrating his invitation and active participation as a scholarly evaluator. *Fed. Univ. of Juiz de Fora, Sch. of Physical Educ. & Sports, Declaration – Assistant Professor Selection Process, Exam Bulletin No. 20/2014* (May 22, 2014).

C.38. UFMT confirmation of Dr. Calvo's participation as *Internal Examiner* in the master's Thesis Examining Committee for the graduate student Jonatha Flávio Souza Lemos**,** who defended the dissertation entitled *"Senior Functional: A General Physical Training Proposal for the Physical Conditioning of the Elderly."*, confirming Dr. Calvo role as evaluator. *Ministry of Educ., Fed. Univ. of Mato Grosso, Graduate Program in Physical Educ., Public Defense Minutes – Jonatha Flávio Souza Lemos* (Sept. 20, 2018).

C.39. UFMT declaration confirming Dr. Calvo's service as *Committee Chair and Co-Advisor* for the master's Thesis Examining Committee of graduate student Fernanda Gabriella Pedroso Marques, who presented the work titled *"School Performance and Sports Motivation of Students at the Federal Institute of Mato Grosso."*, verifying his formal invitation, participation, and evaluation of the student's research in an official defense session. *Ministry of Educ., Fed. Univ. of Mato Grosso, Graduate Program in Physical Educ., Declaration – master's Thesis Examining Committee (Fernanda Gabriella Pedroso Marques)* (Aug. 30, 2019).

C.40. Adriano Percival Calderaro Calvo, *Parecer Meira Mattos* (translated), Opinion/Report evaluating scholarly work, demonstrating Dr. Calvo's role as a peer reviewer and evaluator of research within his professional field.

As such, Dr. Calvo fully satisfies this criterion, as the evidence demonstrates that he was invited to judge and actually evaluated the work of others in the Sciences field – Exercise and Sport Science/ Human Performance Physiology, pursuant to 8 C.F.R. § 204.5(h)(3)(iv) and in strict accordance with USCIS guidelines.

Criterion 5. Petitioner's original scientific, scholarly, artistic, athletic, or business-related contributions of major significance in the field.

In observance of the regulatory criterion under 8 CFR 204.5(h)(3)(v), USCIS first evaluates whether the person has made original scientific, scholarly, artistic, athletic, or business-related contributions to the field. Then, Service determines whether the person's original contributions are of major significance to the field.

Under USCIS guidelines, evidence of a person's original contributions to a field may include **documentation showing that their published research has drawn extensive commentary from other professionals or has been cited more frequently than comparable works**. Such recognition within the scholarly community **is considered probative of the significance and influence of the individual's contributions** to their field of endeavor. (*see* U.S. Citizenship & Immigr. Servs., *Policy Manual*, vol. 6, pt. F, ch. 5, § F(2)(B) (Nov. 2023), https://www.uscis.gov/policy-manual.).

Furthermore, submitted expert letters that describe in detail the nature and importance of one's contributions can offer valuable context in assessing whether those contributions are original and of major significance. **When such testimonial evidence is supported by independent documentation corroborating the claimed impact, it strengthens the evidentiary record under this criterion.** Id.

Evidence of Originality and Major Significance - Dr. Calvo's Original Work has been cited and replicated in a level that indicates major significance.

Dr. Calvo has made pioneering contributions to the fields of Physical Education, Sports Pedagogy, and Applied Biomechanics**,** particularly through his innovative research on the integration of athletics into school curricula. His work with the *Pedagogical Studies and Athletics Research Group* (GEPPA) led to the creation of comprehensive educational materials that transformed the way athletics is taught in schools, bridging scientific research and pedagogical application. Among his most influential achievements is the development of the book *Atletismo se Aprende na Escola* ("Athletics Is Learned at School"), published in two editions and widely adopted as a reference in physical education programs across Brazil. The impact of this publication alone is reflected in its extensive academic recognition, with one of his associated articles accumulating over 100 citations, demonstrating significant influence within the academic community.

In total, Dr. Calvo's complete body of publications has been cited **228 times to date**, underscoring the sustained recognition of his research within the international academic community. His record includes four peer-reviewed scientific papers, several abstracts presented at state, national, and international conferences, and the creation of innovative teaching resources that have advanced the theoretical and practical foundations of athletics education.

The USCIS Policy Manual explains that one of the strongest indicators of major significance is when a scientist's work is frequently cited by other independent researchers, as high citation volume reflects that the field relies on and benefits from the petitioner's findings. *See* U.S. Citizenship & Immigration Servs., *Policy Manual*, vol. 6, pt. F, ch. 2 (extraordinary ability), https://www.uscis.gov/policy-manual/volume-6-part-f-chapter-2. **Although the Manual does not define a specific numerical threshold for the number of citations necessary to demonstrate**

major significance, USCIS adjudicates evidence under the preponderance of the evidence standard, meaning that evidence is sufficient if it establishes that the fact asserted is more likely than not. Applying that standard here, the consistent and cumulative citation of Dr. Calvo's research by independent scholars, across multiple peer-reviewed publications and over an extended period, makes it more likely than not that his scientific contributions have been of major significance in the field, satisfying 8 C.F.R. § 204.5(h)(3)(v).

Dr. Calvo's original contributions and widespread societal benefits

Early in his career, Dr. Calvo demonstrated social innovation through the *Dance Company Project*, developed in partnership with the Intervias Highway Concessionaire. This initiative used artistic performance to teach children about traffic safety, earning four national awards, including the Motiva Social Responsibility Award and the Top Social Award from the Brazilian Association of Sales and Marketing Executives. These recognitions highlight the project's national visibility and societal reach.

Moreover, building on that interdisciplinary foundation, Dr. Calvo's master's research at the *Laboratory of Motor Development and Learning (LABORDAM)* introduced groundbreaking pedagogical strategies that improved handwriting through manual coordination exercises for children with Developmental Coordination Disorder. He combined educational and biomechanical principles to produce two peer-reviewed articles and implemented his findings throughout São Paulo's public school system, helping teachers better meet the motor learning needs of students with coordination challenges.

As his career progressed, Dr. Calvo continued to expand the scientific and practical reach of his work. His doctoral dissertation in Biomedical Engineering advanced *Applied Biomechanics* by showing that proprioceptive insoles with a wavy surface improve both static and dynamic balance, with implications for sports performance, rehabilitation, and ergonomics. At the UFMG and later at UNIFA, he applied his expertise in human kinetics and biostatistics to research on physical conditioning, musculoskeletal health, and human performance under extreme environmental stress.

In addition, working with colleagues at the Aerospace Medicine Institute of the Brazilian Air Force (IMAE)**,** Dr. Calvo helped develop innovative methods to **enhance** flight physiology and pilot safety**,** focusing on hypoxia simulation, gravitational tolerance, and spatial disorientation. Together, these achievements show how Dr. Calvo's research transcends theory to produce measurable advances in education, public health, and military operational safety. Those evidence, alone, are highly probative in demonstrating that Dr. Calvo meets the evidentiary threshold of originality and major impact under 8 CFR 204.5(h)(3)(v).

Detailed Expert Letters Probative of Dr. Calvo's Work Major Impact

Detailed letters from experts in the scientific field provide valuable supplemental context for USCIS adjudication. Beginning with the statement from Professor **Regiane Albertini de Carvalho, Ph.D.,** Associate Professor and Former Academic Director - Institute of Science and Technology (ICT) of the Federal University of Sao Paulo (UNIFESP) and co-author in Dr. Calvo's acclaimed publication available in the *Journal of Bodywork and Movements Therapy*:

> Throughout our co-authored projects, including the Quantitative Methods in Rehabilitation Processes and Physical Activity in Athletes, Dr. Calvo's expertise in electromyographic techniques, postural analysis, and human movement kinetics has played a pivotal role in the development of innovative clinical protocols. One notable example is our 2024 publication in the international Journal of Bodywork and Movement Therapies, presenting a pragmatic, controlled, and randomized clinical trial focused on directional preference applications for chronic knee pain. This work represents a significant advancement in evidence-based physiotherapy.

Regiane Albertini de Carvalho, Ph.D., Letter to U.S. Citizenship and Immigration Services (June 18, 2025).

Moreover, in his expert recommendation, **Professor Sebastião Gobbi, Ph.D**., retired Full Professor from the Institute of Biosciences at UNESP, details Dr. Calvo's contributions: "In short, Dr. Calvo's scientific excellence positions him among the top contributors in the fields of human physiology and biomechanics. These attributes are further evidenced by his impressive scientific impact, including 28 published articles in respected journals with over 200 citations." *Sebastião Gobbi, Ph.D., Retired Full Professor, Institute of Biosciences, São Paulo State University (UNESP), Letter to U.S. Citizenship and Immigration Services (July 31, 2025).*

Furthermore, **Professor Carlos Alexandre Fett** affirmed the national impact and scientific relevance of Dr. Calvo's original scientific contributions of major impact in the field:

> Dr. Calvo's proprioceptive insole model and biomechanical intervention framework represent a modern and influential advancement in the scientific understanding of postural control and motor stability. His research offers a methodological breakthrough that has already shaped new investigation routes in Brazil and abroad, being incorporated into doctoral theses, clinical tests, and high-performance sports protocols. The originality and reproducibility of his approach to sensory-motor training have opened a new line of research with long-term implications for injury prevention, physical rehabilitation, and neuromotor performance enhancement.

Carlos Alexandre Fett, Ph.D., Full Professor, Federal University of Mato Grosso, Letter to U.S. Citizenship and Immigration Services (Apr. 15, 2025)

Under USCIS evidentiary standards, original contributions must be shown to have significantly influenced the field or to possess intrinsic value recognized by experts and institutions in the area of extraordinary ability. Dr. Calvo's multidisciplinary body of work meets this standard through both measurable academic impact and demonstrable societal benefit. His research has informed new approaches to motor learning and biomechanics, improved educational strategies for children with motor coordination disorders, and enhanced safety and performance practices within Brazil's Air Force and sports science communities.

The widespread implementation of his findings in academic, clinical, and operational contexts, together with the documented recognition of his work through citations, institutional partnerships, and national awards, confirms that his contributions rise to the level of **original contributions of major significance** within the meaning of federal adjudicative guidance.

To assist in evaluating this criterion, we are submitting the following supporting documents under **Exhibit D:**

D.1. *Adriano Percival Calderaro Calvo – Google Scholar Profile*, reporting citation metrics including 228 total citations, h-index of 6, and i10-index of 4, as well as a list of peer-reviewed publications with individual citation counts, with metrics updated as of November 2025 demonstrating that the beneficiary's original work has major impact in the field.

D.2. *CNPq* Researcher Directory profile for Dr. Calvo, reflecting his doctoral degree, fields of expertise in human physiology and biomechanical evaluation, leadership of research on operational human performance in the armed forces, and status as a PDE scholarship holder, thereby evidencing his original research contributions of major significance in the field.

D.3. Multiple institutional certificates and attestations from UNESP and the *Intervias School Project* recognizing Dr. Calvo's university extension scholarship with *Companhia Éxciton* and his indispensable role as dancer, choreographer, and collaborator in the "Intervias School Project – Educate to Humanize Traffic," a program that received national and international awards for traffic safety and social responsibility, thereby evidencing his contributions of major significance to societal benefit.

D.4. News article from UNESP reporting the award granted to the Éxciton Company of Unesp Rio Claro and highlighting the "Art to Humanize Traffic" production developed in partnership with the Intervias School Project, including statements from the project coordinator acknowledging the company's pride in contributing to the Top Social ADVB 2002 Award, thereby further demonstrating Dr. Calvo's role in artistic-educational initiatives that generated societal benefits of major significance.

D.5. Letter from Regiane Albertini de Carvalho, Ph.D., Associate Professor and former Academic Director at the Institute of Science and Technology of the Federal University of São Paulo (UNIFESP), dated June 18, 2025, describing her multi-year research collaboration with Dr. Calvo in human biomechanics and rehabilitation science, highlighting his pivotal role in developing innovative clinical protocols and attesting that his co-authored work has received extensive citation in high-impact journals, thereby supporting that his research contributions in human performance and biomechanics are of major impact in the field.

D.6. Letter from Sebastião Gobbi, Ph.D., retired Full Professor from the Institute of Biosciences at São Paulo State University (UNESP), dated July 31, 2025, explaining that Dr. Calvo ranks among the top contributors in human physiology and biomechanics, with at least 28 peer-reviewed publications and more than 200 citations, affirming that Dr. Calvo's contributions are of major impact.

D.7. Letter from Carlos Alexandre Fett, Ph.D., Full Professor at the Federal University of Mato Grosso (UFMT) and CNPq DT productivity fellow, dated April 15, 2025, emphasizing Dr. Calvo's innovations in biomechanics, including the development of an adaptive insole to improve grip for individuals with disabilities and his advanced use of

balance/force platforms, surface electromyography, and motion analysis systems, and concluding that Dr. Calvo's multidisciplinary work in biomechanics, human motor behavior, and exercise physiology reflects a profile of exceptional qualification and significant impact on the field and on applied human performance science.

Therefore, Dr. Calvo meets this criterion as the evidence demonstrates his original contribution to the Science Field/Exercise Physiology and Human Performance with major significance both in research and major societal welfare, and that is currently mentioned and reproduced by other experts in a global perspective, pursuant to 8 CFR 204.5(h)(3)(v).

Criterion 6. Petitioner's authorship of scholarly articles in the field, in professional or major trade publications.

To fully satisfy this specific criterion, USCIS requires evidence (1) that the person has authored scholarly articles in the field; (2) that the venue of the publication qualifies as a professional publication, major trade publication or major media publication (*see* 8 CFR 204.5(h)(3)(vi).).

According to USCIS Policy Manual, "[e]xamples of scholarly article authorship include but are not limited to: **Publications in professionally relevant peer-reviewed journals**; and **Published conference presentations at nationally or internationally recognized conferences**." *USCIS Policy Manual*, vol. 6, pt. F, ch. 2(A)(6).

Scholarly Publications in professionally relevant peer-reviewed journals

Dr. Calvo is the author and co-author of several published scientific articles in major impact professional publications in national and international levels. All these research papers undergo a high scrutiny in the pre-publication phase are intended to the scientific audience, thereby fully satisfying the rules under 8 CFR 204.5(h)(3)(vi).) and the USCIS adjudication stantards.

- **S.Q. Matthiesen, A.P. Calvo, A.C. Silva & F.R. Faganello, *Atletismo se aprende na escola*, 1 *Motricidade* (2005) – 121 citations.**

The scholarly article *Atletismo se aprende na escola* ("we learn sports at school") was published in *Motricidade*, an academic journal that uses a peer-review process in which subject-matter experts evaluate the research before publication, ensuring scientific rigor and credibility. *Motricidade* is indexed in international research databases and carries an ISSN (1646-107X), **which confirms its standing as a recognized scholarly journal rather than a popular media outlet.** The article's extensive citation history, 121 independent citations according to Google Scholar, demonstrates that the work has been repeatedly relied upon by other researchers and has materially influenced later studies in the field.

Under USCIS publication classifications, this article qualifies as a **professional publication**, because it is written for scholars and practitioners within the field of physical education and biomechanics rather than for the general public or commercial audiences. All in all, publication in a peer-reviewed, indexed scientific journal combined with a high number of independent citations aligns with the Regulation and USCIS standards for demonstrating that the beneficiary is the author of **scholarly article in a professional publication**.

- **A.P. Calvo et al., *Questionário de Prontidão para o Esporte com Foco nas Lesões Musculoesqueléticas (Sport Readiness Questionnaire Focused on Musculoskeletal Injuries)*, 22 *Rev. Bras. Med. Esporte* (Sept.–Oct. 2016) - 20 citations.**

This article published in *Revista Brasileira de Medicina do Esporte* (RBME) is a scholarly scientific work because RBME is a peer-reviewed journal, meaning that manuscripts are evaluated by qualified experts before acceptance, and it is indexed in SciELO and other international academic databases, which confirms its legitimacy and visibility in the scientific community. The article has been cited by independent researchers in later studies, demonstrating that its findings have influenced the development of subsequent research in sports medicine and musculoskeletal injury prevention.

Under USCIS publication categories, RBME also qualifies as a **professional publication**, because it disseminates scientific research to researchers, clinicians, and specialists within the field rather than to a general audience or commercial readership. **Thus, this publication in a peer-reviewed, indexed scientific journal with independent citation impact aligns with the Regulation and USCIS standards for showing that the beneficiary's is the author of scholarly article in a professional publication.**

- **A.P. Calvo & S.Q. Matthiesen, *Diagnóstico do conteúdo da Educação Física Escolar: o atletismo em foco*, 16 *Rev. Digital Buenos Aires* 164 (2012) – 14 citations;**
- **A.P. Calvo & S.Q. Matthiesen, *Evolução histórica das mulheres nos Jogos Olímpicos* ["Historical Evolution of Women in the Olympic Games"], 179 *Rev. Digit. Buenos Aires* (2013) – cited by 6;**
- **M.R. Muniz, L.F. Ferreira, A.P. Calvo & M.C. Ferraciolli, *Estigmas do destreinamento físico – Estigmas del desentrenamiento físico*, 16 *Rev. Digit. Buenos Aires* 1 (Nov. 2011).**

These articles were published in *Revista Digital Buenos Aires*, a scholarly journal that employs a peer-review process in which submissions are evaluated by qualified experts before publication. The journal is indexed in academic research databases, which verifies that it is part of the international scholarly record rather than an informal or non-academic outlet. Additionally, these publications have been cited by independent researchers in multiple subsequent academic works, demonstrating that its findings have been relied upon to support later research and that it has contributed to scientific discourse in physical education and sports pedagogy.

Under USCIS publication categories, *Revista Digital Buenos Aires* is a **professional publication**, because it targets researchers, scholars, and specialists in the field, not the general public or commercial audiences, thereby reinforcing that Dr. Calvo's is the author of scholarly publication in professional publication.

- **A.P. Calvo et al., *Physical and Functional Aspects of Persons with Multiple Sclerosis Practicing Tai-Geiko: Randomized Trial*, *Clinics* (2020) - 8 citations.**

This publication appeared in *Clinics*, a peer-reviewed and internationally indexed medical journal (indexed in Medline, SCIE, PMC) which establishes that it is a genuine scholarly article. The article has garnered 8 independent citations, showing that other researchers have referenced and built upon the study's findings in rehabilitation science and neuromotor research.

Because *Clinics* is aimed at researchers, clinicians and academics (rather than general audiences), this work qualifies as a **professional scientific publication**, not a major trade magazine or media outlet. In short, the peer-reviewed format, indexing credentials, and citation record demonstrate that this contribution meets the standard for scholarly article in professional publication.

- **A.P. Calvo & S.Q. Matthiesen, *O Atletismo Está Presente nas Aulas de Educação Física Escolar?* ["Athletics Is Present in School Physical Education Classes"], *Lecturas Educación Física y Deportes* (2010) - 6 citations;**
- **A.P. Calvo et al., *Core Training: Applications and the Effects in Sports*, 16 *Lecturas Educación Física y Deportes* 163 (2011) - 25 citations.**
- **Salinas, J.A.R., Azevedo, A.P. da S., Calvo, A.P.C., y Ferreira, J.A. (2024). Relación entre práctica de musculación y fuerza de prensión manual de atletas de jiu-jitsu brasileño. *Lecturas: Educación Física y Deportes,* 28(309), 44-55. https://doi.org/10.46642/efd.v28i309.7178**

These articles were published in *Lecturas Educación Física y Deportes*, a peer-reviewed academic journal indexed in academic databases, confirming its status as a scholarly research publication rather than popular media. The citation count of 31 independent citations demonstrates that other scholars have referenced the work in subsequent studies of athletics instruction in school physical education, signaling tangible academic influence.

The journal is directed toward educators, researchers, and professionals in physical education, this work qualifies as a **professional publication**. In sum, the peer-reviewed, indexed journal venue and demonstrated citation impact affirm that Dr. Calvo is the author of a scholarly article published in a professional scientific outlet, aligning with the Regulation and USCIS standards.

- **A.J. dos Santos, L.M.C. Silva Júnior, A.P. Calvo & R. Massaferri, *Caracterização de desempenho físico e demanda psicofisiológica de militares submetidos a cursos de Operações Especiais: um estudo descritivo*, 92 *Rev. Educ. Fís. / J. Phys. Educ.* 42 (2023);**
- **E. Duque et al., *Prevalência de sintomas musculoesqueléticos e fadiga em pilotos instrutores de T-27 da Força Aérea Brasileira e fatores associados*, *Revista de Educação Física / Journal of Physical Education* 91 (2022).**

Both of these works were published in *Revista de Educação Física / Journal of Physical Education*, a peer-reviewed scientific journal indexed in recognized academic databases, confirming that it is a bona fide scholarly work.

The journal is aimed at academics, researchers, and professionals in the field of physical education and sport science, this publication qualifies as a **professional publication** (rather than a major trade or general-media publication). All in all, publication in a peer-reviewed, indexed academic journal, together with evidence of citation, supports Dr. Calvo's authorship of scholarly work in a professional scientific outlet and aligns with the Regulation and USCIS standards.

- **Adriano Percival Calderaro Calvo, *Efeito Agudo em Parâmetros Cinéticos em Tarefas Estáticas e Dinâmicas devido ao Uso de Palmilhas Proprioceptivas* (M.Sc. thesis, Universidade Estadual Paulista "Unesp," 2015).**

This thesis was completed at Universidade Estadual Paulista "Unesp" as part of the graduate program in Mechanical Engineering and represents original academic research, demonstrating that Dr. Calvo conducted advanced scientific investigation under faculty supervision. As a university thesis stored in a recognized institutional repository, it qualifies as scholarly work because it was produced within an academic research program, includes a literature review, methodology, empirical results, and references, and contributes to the state of scientific knowledge in proprioceptive biomechanics.

Under USCIS guidance, this work qualifies as a **professional scholarly publication**, as it is directed to researchers and specialists rather than to the general public and therefore does not belong to major trade or major media publications.

- **F.G.P. Marques, C. de F. Coelho-Ravagnani, J.O. Pizarro, A.P. Calvo & F.C. de P. Ravagnani, *Prática esportiva e desempenho acadêmico no ensino médio do Instituto Federal de Mato Grosso*, 22 *Conexões* (Campinas) (2024).**

This article was published in *Conexões*, a peer-reviewed scientific journal affiliated with the Faculty of Physical Education at the Universidade Estadual de Campinas and indexed in academic databases, verifying its status as a scholarly publication targeted at researchers in physical education, sports science and related fields. Because Dr. Calvo is listed as a co-author and the article addresses empirical research into sports participation and academic performance, it qualifies as a **professional publication**.

- **A.P. Calvo et al., *Tempo de força de preensão no simulador de aeronaves Tucano T-27 não depende da força máxima de preensão manual nos cadetes da Força Aérea Brasileira*, *Brazilian J. Dev.* (Braz. J. Dev.) (2022);**
- **J.M.R.S. de Paiva, L.A. Doimo, A.P. Calvo & M.P.M. Rodrigues, *Análise da sensibilidade ao contraste em militares aeronavegantes: Estudo exploratório*, 7 *Brazilian J. Dev.* 102914 (2021).**

The articles were published in the *Brazilian Journal of Development*, a peer-reviewed academic journal indexed and available via open-access repository, confirming that it is a legitimate scholarly publication rather than a popular news or trade magazine. The journal is directed toward researchers, academics and professionals rather than the general public, this work qualifies as a **professional scientific publication** under USCIS classification.

- **R. Massafferri, A.P.C. Calvo, A.B. Coutinho, T.T. Guimarães & P. Farinatti, *Optimizing Muscle Activation in Cadets Using Electromyography Biofeedback During Anti-G Training*, 96 *Aerospace Med. Hum. Perform.* 11 (2025).**

The research *Optimizing Muscle Activation in Cadets Using Electromyography Biofeedback During Anti-G Training* was published in *Aerospace Medicine and Human Performance*, the official peer-reviewed scientific journal of the Aerospace Medical Association **and one of the highest-tier international publications dedicated to aviation, aerospace, and military human-performance physiology.** The publication underwent expert peer review and is indexed in major academic databases including PubMed and Web of Science, confirming its scholarly nature and scientific impact.

Because the journal is written for researchers, clinicians, and aerospace-medicine professionals rather than the general public, this work qualifies as a **professional scientific publication** aligning with the Regulation and USCIS standards for demonstrating the publication of scholarly articles in professional publications.

- **T. de Paula, D.F. Haberland, A.P.C. Calderaro Calvo, F.J.A. Guilherme, A.B.B. Coutinho, D.B.O. Ferreira & T.T. Guimarães, *Hypoxia Protocols in a Normobaric Environment for Aviators: A Scoping Review*, 19 *Rev. Gestão Soc. Ambient.* (2025).**

The article *Hypoxia Protocols in a Normobaric Environment for Aviators: A Scoping Review* was published in *Revista de Gestão Social e Ambiental*, a peer-reviewed scientific journal that uses a double-blind review process and is indexed in academic research databases, confirming its nature as a scholarly publication rather than informal or commercial content. The journal targets researchers and scientific professionals, especially in fields involving human performance, aviation physiology, and environmental medicine, rather than the general public or commercial readership. Accordingly, under USCIS publication categories, this work qualifies as a **professional scientific publication**.

- **R.A. Carvalho, L.E.O. Cruz, A.P.C. Calvo & R.J. Soares, *Pain and Lumbar Muscle Activation Before and After Functional Task in Nonspecific Chronic Low Back Pain*, 15(6) *Int'l J. Biomedical & Biological Eng'g* 214 (2021)**

The article *Pain and Lumbar Muscle Activation Before and After Functional Task in Nonspecific Chronic Low Back Pain* was published in the *International Journal of Biomedical and Biological Engineering*, a peer-reviewed scientific journal associated with the World Academy of Science, Engineering and Technology and indexed in academic research databases. Its structure follows the standard scholarly format and contributes original scientific evidence on neuromuscular activation patterns in chronic low back pain, demonstrating that it is a genuine academic publication rather than informal content. Because the journal is intended for biomedical researchers and scientific professionals, not the general public, it qualifies as a **professional scientific publication**, under USCIS interpretation.

- **Calvo, A.P., Pasculli, A.G., Hiraga, C.Y., Del Masso, M.C. and Pellegrini, A.M., 2014. Quality of handwriting: Intervention based on the variation of finger force production. *CADERNOS BRASILEIROS DE TERAPIA OCUPACIONAL-BRAZILIAN JOURNAL OF OCCUPATIONAL THERAPY, 22(2)*, pp.317-325.**

The work co-authored by Dr. Calvo is a scholarly article produced through a formal peer-review process in which manuscripts are evaluated by subject-matter experts prior to acceptance. The journal *Cadernos brasileiros de terapia ocupacional-brazilian journal of occupational therapy* is academically indexed and publishes empirical research in occupational therapy, biomechanics, and rehabilitation sciences, confirming that it is a scientific venue rather than a popular or commercial media outlet, thus qualifying as a **professional publication** under USCIS classifications.

- **M.R. de Souza Silva, T.K. S. Teixeira da Silva, V.X. Delmondes Jr., S.R.S. Araújo, A.P.C. Calvo & J.C. Ferreira, *Reliability of an Isometric Test for Measuring the Strength of the Hip Abductors and Adductors*, 36(3) *Biosci. J.* 1043 (2020).**

This scientific paper is a peer-reviewed scholarly publication that underwent scientific evaluation by subject-matter experts prior to acceptance, ensuring that its methodology, data analysis, and conclusions met established academic standards. It appeared in *Bioscience Journal (Biosci. J.)*, an academically indexed scientific periodical that publishes original empirical research in biomechanics, physiology, and related fields, confirming that it is a research journal which content is directed to researchers, clinicians, and specialists rather than the general public, *Biosci. J.* qualifies as a **professional scientific publication** under USCIS classifications.

- **D.R. Silva, A.P.C. Calderaro Calvo, R.C. Alves-Ferreira, W.S. Fernandes & R. Albertini, *The Application of Directional Preference for Chronic Non-specific Knee Pain: A Pragmatic, Controlled, Randomized Clinical Trial*, 40 *J. Bodywork & Movement Therapies* 739 (2024).**

  This was published in the *Journal of Bodywork and Movement Therapies*, a PubMed-indexed, peer-reviewed journal published by Elsevier that disseminates original clinical and biomechanical research. The article underwent expert peer review prior to publication, ensuring the soundness of its methodology, data interpretation, and conclusions. Because this venue is directed toward rehabilitation researchers, clinicians, and biomedical science professionals, it qualifies as a **professional publication** under USCIS guidance.

- **C.F. Coelho-Ravagani, M.S.V. da Silva, J.A. de Almeida, A.P. Caldeiraro Calvo, F.C.P. Ravagnani, S.I. Guasque Farias & A. Nevill, *Health and Lifestyle Risk Factors: A Comparison Between Brazilian Athletes and Non-Athletes*, 29 *Rev. Bras. Ativ. Fís. Saúde* (2024)**

  This article is a peer-reviewed scholarly publication, as it was accepted and published in the *Revista Brasileira de Atividade Física & Saúde*, a scientifically indexed journal that evaluates manuscripts through a formal expert review process prior to publication. The journal specializes in empirical research in physical activity, health sciences, and epidemiology and is targeted toward researchers, clinicians, and scientific professionals, which characterizes it as a **professional publication** under USCIS classifications.

- **F. de S. Arcanjo, A.P. Calderaro Calvo, G.V. da Silva & P.M. de Sá, *Perfil de Personalidade e Atenção de Locadores da Defesa Antiaérea Brasileira* [Personality Profile and Attention of "Brazilian Anti-Aircraft Defense Lessors"], 10(1) *Psicol. Saúde Debate* 41 (2024)**

  The study was disseminated in *Psicologia e Saúde em Debate / Psicol. Saúde Debate*, a scientific journal that subjects submissions to a rigorous peer-review process, ensuring that only methodologically sound and theoretically relevant research is accepted for publication. The journal is indexed and recognized in the academic community, which confirms that it operates as a formal platform for the exchange of scientific knowledge in psychology, cognitive performance, and human behavior, meaning that it is properly classified as a **professional publication**, not a trade magazine or popular media outlet.

- **V. Charleaux & A.P. Calderaro Calvo, *Desconforto Musculoesquelético em Pilotos de Transporte da Força Aérea Brasileira* [Musculoskeletal Discomfort in Brazilian Air Force Transport Pilots], 8 (Esp.) *Rev. Agulhas Negras* 1 (2024).**

- **A.P. Calderaro Calvo & A.B. Bezerra Coutinho, *Manobra Anti-G: Uma Revisão Narrativa* [Anti-G Straining Maneuver: A Narrative Review], 8 (Esp.) *Rev. Agulhas Negras* 26 (2024)**

  The research was published in *Revista Agulhas Negras*, a peer-reviewed academic journal of the Academia Militar das Agulhas Negras (AMAN) that uses a double-blind review process and is indexed in academic military science and human-performance literature, confirming its status as a scholarly publication rather than a popular or trade piece. Because the journal is directed to military science researchers, operational physiologists, and aviation occupational-health experts, it qualifies as a **professional scientific publication** under USCIS standards.

- **G. Sganzerla, F.C.P. Ravagnani, S.F. Zanatto, D.T. Gamaf, A.P. Calderaro Calvo & C.F.C. Ravagnani, *Correlação da Potência Máxima Medida pelos Testes Running-Based Anaerobic Sprint Test e Salto Vertical Contramovimento em Atletas de Futebol* [Correlation Between Maximum Power Measured by the Running-Based Anaerobic Sprint Test and Countermovement Vertical Jump Test in Soccer Athletes], 13(5) *Rev. Bras. Futsal e Futebol* 486 (2021).**

  This scientific paper was published in the *Revista Brasileira de Futsal e Futebol*, a peer-reviewed academic journal specializing in sports science, exercise physiology, and high-performance athletics. The journal implements expert editorial review to evaluate study design, methodology and findings prior to publication, ensuring that only scientifically rigorous work is accepted. Because its readership is composed of researchers, coaches, and performance-science professionals rather than the general public, the venue is classified as a **professional publication**, under USCIS standards.

- **A.P. Calderaro Calvo & D.F. de Lemos, *Hypobaric Hypoxia in Aircrew: A Brief Review on Etiology, Risks, and Preventive Exercises*, 38 *Rev. UNIFA* 1 (2025).**

  This article was published in *Revista da UNIFA (Rev. UNIFA)*, a peer-reviewed academic journal specializing in aerospace medicine, military human performance, and aviation physiology. Before publication, the manuscript was evaluated by qualified experts in the field, confirming adherence to scientific standards in research design, evidence interpretation, and clarity of contribution. The journal is written for researchers, physicians, and military aviation professionals making it a **professional publication** under USCIS classification.

- **R.V. França de Oliveira et al., *Acute Metabolic Effects in Brazilian A-29 Fighter Pilots by NMR-Based Metabolomics*, 24 *J. Proteome Res.* ___ (2025).**

  This novel publication is available in the *Journal of Proteome Research*, **a top-tier international journal of the American Chemical Society that applies an exceptionally rigorous peer-review process before accepting submissions**. The journal is indexed in PubMed, Scopus, and Web of Science and is considered one of the most reputable venues in metabolomics and molecular physiology, confirming that it is a true scholarly journal rather than a popular or trade publication. Its readership consists of researchers and scientific professionals in proteomics, metabolomics, and biomedical sciences, not the general public, meaning it qualifies as a **professional publication**.

- **D.F. de Lemos, A.P. Calderaro Calvo, A.B.C. Bomfim & T.T. Guimarães, *The Malleability of Air Travelers' Hypobaric Hypoxia Symptoms Observed Among Repeated Exposures: Systematic Review*, 6(3) *Stud. Health Sci.* ___ (2025).**

The scientific paper was published in *Studies in Health Sciences (Stud. Health Sci.)*, a peer-reviewed academic journal that evaluates submissions for methodological rigor, accuracy, and contribution to the field before acceptance. The journal serves researchers and professionals in aerospace medicine, human performance, and health sciences, and therefore operates as a **professional publication**.

Collectively, the extensive record of scholarly publications authored by Dr. Calvo in rigorously peer-reviewed, academically indexed scientific journals demonstrates sustained and meaningful original research activity in his fields. These publications appear in professional outlets directed to experts, clinicians, and researchers, which places them squarely within the type of professional scientific publications contemplated by 8 C.F.R. § 204.5(h)(3)(vi). Each paper has undergone expert review and has contributed to the scientific literature in biomechanics, aerospace physiology, human performance, and occupational health, confirming that Dr. Calvo's work is being disseminated and relied upon by professionals in the discipline. Accordingly, the evidence unequivocally establishes that Dr. Calvo satisfies the regulatory criterion for authorship of scholarly articles in professional publications, fully consistent with USCIS adjudication standards.

To demonstrate that Dr. Calvo meets this criterion, we are submitting the following supporting documents under **Exhibit E:**

> **E.1.** Compilation of Peer-Reviewed Scholarly Scientific Publications Authored by Dr. Adriano Percival Calderaro Calvo, demonstrating that he has authored articles in the field of Sciences.
>
> **E.2.** Compilation of printouts describing the publication venues of Dr. Calvo's scholarly scientific articles, demonstrating that each outlet in which he has published is a peer-reviewed, academically indexed professional publication intended for researchers and scientific professionals.

Therefore, Dr. Calvo meets this criterion as the evidence demonstrates his authorship of scholarly article in the field, in several high indexed peer-reviewed Journals with international reach and relevance pursuant to 8 CFR 204.5(h)(3)(vi).

Criterion 8. Evidence that the Petitioner has performed in a leading or critical role for organizations or establishments of distinguished reputation.

To demonstrate beneficiary's eligibility under this criterion (8 CFR 204.5(h)(3)(viii)), USCIS first evaluates whether the person has performed in a leading or critical role for an organization, establishment, or a division or department of an organization or establishment as well as whether the role is (or was) leading or critical. Second, USCIS determines whether the organization or establishment (department or division) for which the petitioner holds or held a leading or critical role, is of distinguished reputation.

Visiting Professor - Department of the Navy Naval Medical Research Unit Dayton

Dr. Calvo was selected by the Commanding Officer of the U.S. Navy's Naval Medical Research Unit Dayton (NAMRU-D) for a **highly competitive one-year Visiting Professor/Post-Doctoral appointment**, serving under the direct supervision of the Director of the Naval Aerospace Medical Research Laboratory (NAMRL)**.** This institution is the principal U.S. Navy facility responsible for biomedical and aerospace physiology research supporting the performance and operational safety of aviators.

The appointment letter makes clear that Dr. Calvo was not invited as a trainee or passive observer, but rather to **"participat33e in collaborative research with multiple teams" and provide specialized "insights… to help answer some very challenging aeromedical questions."** NAMRU-D relies only on individuals with advanced, field-specific expertise for these research efforts, demonstrating that Dr. Calvo's knowledge and skill set were viewed as essential to ongoing federal research objectives.

Additionally, The Certificate of Appreciation issued by the Commanding Officer of NAMRU-D expressly documents that Dr. Calvo **led and spearheaded** multiple initiatives viewed as strategically important for the U.S. Navy. The certificate explains that Dr. Calvo "**worked aggressively to develop and enhance vestibular data analyses**" and conducted "**a comprehensive analysis of data to relate balance performance metrics and vestibular thresholds.**" He collaborated with scientists at Ohio State University (OSU) to refine research protocols and strengthen multicenter data collection strategies, demonstrating that his expertise was fundamental to establishing the scientific and methodological framework used in the Navy's ongoing human-performance research agenda.

The U.S. Navy further confirms that Dr. Calvo's work directly **enabled new research capabilities and equipment adoption**, noting that his research "**led to the pursuit of new MOOG 6DOF Motion Platform capabilities, increasing research possibilities and device usefulness.**" This development carries high operational relevance because the 6DOF platform is used to simulate flight stressors and gravitational transitions experienced by military pilots. The Navy also credits Dr. Calvo for advancing defense-critical research initiatives in Operational Biomechanics and Ergonomics (OBiE) by enhancing motion-assessment techniques to measure the effects of aircrew flight equipment and by spearheading research to quantify Anti-G Straining Maneuver (AGSM) engagement during high-G exposures, **a topic directly related to aeromedical safety and pilot survival.**

Moreover, the certificate of appreciation recognizes that Dr. Calvo **authored and led experimental proposals** to study the effects of prolonged vibration exposure on vestibular function, establishing research plans that will continue at NAMRU-D beyond the length of his appointment, an indicator that his contributions have **enduring critical impact** on Navy research streams. The Commanding Officer explicitly characterizes Dr. Calvo's accomplishments as "**noteworthy**" and emphasizes not only his scientific results but also his "**perseverance and dedication to duty**," concluding that his performance was **"in keeping with the highest traditions of the United States Naval Service."** Such language is used sparingly and only for personnel who have **performed a critical dutty** to the organization's mission.

Suffice to say, the United States Navy **is one of the most prestigious military institutions in the world and a central component of the U.S. Department of Defense, responsible for national security, aerospace operations, and military research.** According to the U.S. Department of Defense, the U.S. Navy is a core branch of the United States Armed Forces tasked with protecting the nation's maritime and aerospace interests and operating the world's most advanced aviation fleet in both combat and research environments.

The Navy's biomedical and aeromedical research enterprise is **internationally recognized for pioneering advancements in human performance, aerospace physiology, pilot safety, and operational biomechanics**; the Navy itself reports that Naval Medical Research Units conduct critical scientific investigations that support flight safety, military readiness, and warfighter survivability. Independent evaluations likewise rank the U.S. Navy as **one of the most powerful and technologically advanced naval forces globally**, reflecting its unmatched scale of infrastructure, personnel expertise, and research capabilities.

Hence, being selected to contribute scientific expertise to a research division of the United States Navy therefore represents **a direct endorsement from an organization of national and international distinction** and underscores that only individuals demonstrating outstanding expertise are invited to collaborate with such a mission-critical institution.

The U.S. Navy's written documentation makes clear that Dr. Calvo did not perform a routine academic role; he served as an **indispensable contributor to high-stakes federal aerospace medical research**, leading and advancing programs directly tied to aviator performance, operational safety, and national defense. NAMRU-D's reliance on his expertise to design, lead, and expand research initiatives, combined with the Commanding Officer's formal acknowledgment of the scientific and operational significance of his work, demonstrates that Dr. Calvo performed a **critical and leading role for a distinguished U.S. government organization**, satisfying the criterion under 8 C.F.R. § 204.5(h)(3)(v) and aligning squarely with USCIS adjudication standards**.**

<u>Leadership Role as Principal Investigator for National Defense Research; Leadership Role as Thematic Axis Leader in National Defense Seminar; Critical Role in the Creation and Staffing of a Strategic Defense Graduate Program– Universidade da Forca Aerea (UNIFA).</u>

As Principal Investigator and official representative of the Universidade da Força Aérea (UNIFA) in the national research project conducted with pilots of the 1º Grupo de Defesa Aérea (1º GDA), Dr. Calvo has exercised a leadership role that squarely satisfies the "leading or critical role" criterion under 8 C.F.R. § 204.5(h)(3)(viii). The Brazilian Ministry of Defense expressly designates him as "Chief Researcher and Brazilian Air Force representant" entrusting him with the overall scientific direction, coordination of a multi-institutional team from UNIFA and the State University of Rio de Janeiro (UERJ), and responsibility for the execution of a high-stakes research program within the official *Programa de Cooperação Acadêmica em Defesa Nacional* (PROCAD-DEFESA).

This role is reserved for an individual whose expertise and judgment the Air Force Command relies on to guide research involving elite fighter pilots, directly impacting national defense readiness and operational performance. The institution's formal allocation of logistical resources, travel, lodging, and official support to a research mission under his command demonstrates that UNIFA and the

Brazilian Air Force depend on Dr. Calvo's leadership to plan, manage, and deliver complex, mission-critical research outcomes, confirming that his contributions are both leading and indispensable to the project and to the participating institutions.

In addition, Dr. Calvo has been selected to co-lead one of the central thematic axes of a high-level national seminar on defense research, further underscoring his leadership and critical role at the institutional and inter-institutional levels. In the official meeting record for the *I Seminário de Pesquisa em Defesa Nacional*, he is designated as the UNIFA representative jointly responsible for the "Saúde, Desempenho Humano e Fator Humano" (Health, Human Performance, and Human Factors) axis, one of only four strategic axes structuring the entire event. In this capacity, Dr. Calvo is charged with coordinating the thematic committee, defining research priorities, organizing thematic groups and panels, and selecting the scientific works to be presented.

These functions are not routine teaching or service assignments; they are strategic leadership duties that shape the national research agenda on human performance and human factors in defense. The Brazilian Army Command School (ECEME), the event's coordinating body, expressly entrusts to Dr. Calvo and his axis committee the responsibility for planning and executing multiple simultaneous thematic sessions, which influence policy discussions, research funding directions, and collaboration among defense education and research institutions. This prominent, decision-making role within a multi-service national seminar evidence that Dr. Calvo has been relied upon to perform a leading and critical role in organizing, directing, and curating defense-related research at the national level.

Finally, UNIFA's formal request to the Federal University of Mato Grosso (UFMT) for the redistribution of Dr. Calvo's faculty position further highlights the exceptional and critical nature of his role within the Brazilian Air Force's academic and research structure. In that official communication, **UNIFA states that Dr. Calvo is needed specifically to compose the permanent faculty of the newly approved Stricto Sensu Graduate Program in Operational Human Performance (PPGDHO), at the professional master's level**. The document explains that this program is strategically designed to qualify military and civilian personnel of the Ministry of Defense to design, manage, and evaluate biopsychosocial intervention programs aimed at enhancing human performance in military operational missions.

Within this highly selective and nationally strategic context, **UNIFA identifies Dr. Calvo as the expert responsible for developing and leading one of the program's core research lines, focused on ergonomic and biomechanical assessment and intervention applied to operational human performance**. This explicit institutional justification, using his specialized expertise as the basis for a federal redistribution request, demonstrates that Dr. Calvo is not a fungible instructor, but rather a key architect of a flagship graduate program central to the Brazilian Armed Forces' human performance strategy. The Air Force's reliance on his unique knowledge to launch and sustain this graduate program confirms that he occupies a critical role in the institution's long-term research, training, and capability-building efforts, in line with the leadership or critical role standard of 8 C.F.R. § 204.5(h)(3)(viii).

UNIFA is a premier military university **directly subordinated to the Brazilian Air Force and the Ministry of Defense**, and it occupies a **highly prestigious position within Brazil's national defense and higher-education systems**. According to the official Ministry of Defense description,

UNIFA was created in 1983 with the mission of "to improve and strengthen the knowledge of senior officers and general officers of the Air Force," and it delivers master's and doctoral degrees in Aerospace Sciences alongside specialized and extension courses for senior officers and strategic personnel of the Air Force and other defense bodies.

The same official source notes that UNIFA integrates the Air Force Command and Staff College (ECEMAR) and the Air Force Officers' Advanced School (EAOAR) and shares its campus with other elite institutions such as the Aerospace Museum (MUSAL) and the Institute of Aerospace Medicine (IMAE), underscoring that it functions as the central academic hub for advanced education, strategic studies, and specialized training of Brazil's air power leadership.

In addition, UNIFA hosts rigorous professional graduate programs, including the Graduate Program in Aerospace Sciences (PPGCA) and the Graduate Program in Operational Human Performance (PPGDHO), both aimed at training military and civilian personnel to address complex political-strategic questions, national security problems, and human-performance challenges at the core of Brazil's defense agenda. These programs are open only to highly qualified officers and government professionals whose research projects are of direct interest to the Air Force Command, which confirms that UNIFA is recognized by the Brazilian government as a strategic center of excellence whose teaching and research have direct, high-level impact on national defense and aerospace policy.

Appointment as Associate Editor of *Motriz* Journal (UNESP) Confirms Dr. Calvo's Critical Influence on a Distinguished Scientific Publication

Dr. Calvo currently performs a critical role for an organization of distinguished reputation through his appointment as **Associate Editor of *Motriz* – Journal of Physical Education**, a scientific journal affiliated with the Institute of Biosciences at UNESP. In accordance to USCIS Policy Manual, the critical-role analysis focuses on **whether the person contributed in a way of significant importance to the outcome of the organization's or department's activities (***U.S. Citizenship & Immigr. Servs., Policy Manual, vol. 6, pt. F, ch. 5 (2023)*.), and Dr. Calvo's responsibilities satisfy that standard unequivocally. In this position, he is entrusted with overseeing the peer-review workflow, selecting qualified reviewers, issuing editorial recommendations, and determining whether submitted manuscripts satisfy the journal's standards of methodological rigor and scientific relevance. Because editorial decisions determine the quality and credibility of the journal's scientific output, the role bears **direct influence on the reputation, integrity, and academic standing of the publication**, confirming that Dr. Calvo's participation is essential to the journal's core mission.

UNESP has demonstrated true distinction in higher education, most notably being ranked among the top tier of Latin American universities. According to the latest *QS World University Rankings – Latin America & the Caribbean 2024*, UNESP occupies a leading position due to high scholarly output, citations per faculty and an internationally recognized research network. Its status as a public research institution with 24 campuses, multiple accredited graduate programs, and a strong tradition of scientific production, UNESCO previously recognized it as one of Brazil's major contributors to internationally indexed research, further reinforces the university's eminence. In short, UNESP's strong performance in global rankings, its substantial and high-quality research output, and its

institutional role in Brazil's science ecosystem confirm that it qualifies as an organization of distinguished reputation under the standard of "marked by eminence, distinction, or excellence."

Motriz Journal, one of UNESP's department, also meets USCIS criteria for its standing as an organization of distinguished reputation. The journal is hosted by UNESP, a top Brazilian public university **ranked among the best research institutions in Latin America and internationally recognized for science and physical education research**. *Motriz* is indexed in Scopus and SciELO, global indexing platforms that accept only journals meeting validated standards of peer review, scientific impact, and editorial governance, an objective indicator of eminence accepted by USCIS.

In addition, the journal has repeatedly been cited in international research and serves a readership composed of researchers, academics, and professionals in physical education, sports science, and human movement studies. Importantly, the USCIS Policy Manual states that "the relative size or longevity of an organization is not determinative; rather, distinguished reputation is shown by evidence of eminence, excellence, or recognition," and Merriam-Webster defines "distinguished" as "marked by eminence, distinction, or excellence."[2] *Motriz* satisfies this definition by being **globally indexed, academically regulated, and internationally referenced**, demonstrating excellence rather than popularity or commercial appeal. Accordingly, Dr. Calvo's role carries significant decision-making authority that directly affects the publication's scientific credibility and *Motriz* Journal is a scientifically authoritative and internationally indexed academic journal of distinguished reputation, thus the evidence shows that Dr. Calvo fully meets this specific criterion.

The following pieces of evidence demonstrating that Dr. Calvo meets this criterion, is submitted under **Exhibit F:**

> **F.1.** Department of the Navy, Naval Medical Research Unit Dayton, *Visiting Professor Invitation to Dr. Adriano Percival Calderaro Calvo* (Sept. 28, 2023), inviting Dr. Calvo to serve for one year as a visiting professor/post-doctoral intern at the Naval Aerospace Medical Research Laboratory at NAMRU Dayton to participate in collaborative aeromedical research.
>
> **F.2.** José Múcio Monteiro Filho, Minister of State for Defense, Federative Republic of Brazil, *Ordinance GM-MD No. 49 of Jan. 5, 2024, Authorizing International Mission "EXTRA PLANEJAMENT 2024 – Academic"*, authorizing Dr. Calvo, a professor at the Federal University of Santa Catarina, to depart Brazil for extended service as a visiting professor in human physiology in extreme environments at the Naval Aerospace Medical Research Laboratory, NAMRU Dayton/Wright-Patterson Air Force Base, Dayton, Ohio, with scholarship support from the National Council for Scientific and Technological Development (CNPq)).
>
> **F.3.** Naval Medical Research Unit Dayton, *Certificate of Appreciation Presented to Dr. Adriano Calderaro Calvo* (Mar. 24, 2025), recognizing Dr. Calvo's exemplary service as Visiting Professor at the Naval Aerospace Medical Research Laboratory at NAMRU Dayton from March 2024 to March 2025 and detailing his leadership in advanced

[2] https://www.merriam-webster.com/dictionary/distinguished

vestibular, biomechanics, and vibration-exposure research that expanded NAMRU Dayton's motion-platform capabilities and training methodologies, demonstrating that he has performed a critical role for the organization.

F.4. Naval Medical Research Command, *About Naval Medical Research Unit Dayton (NAMRU Dayton)*, U.S. Navy official website, describing NAMRU Dayton as one of eight laboratories in the Navy Medicine Research & Development Enterprise and as the home of the Environmental Health Effects Laboratory and the Naval Aerospace Medical Research Laboratory, which conduct world-class aerospace medical and environmental health effects research in support of U.S. warfighter readiness and performance, showing that the organization enjoys high distinguished reputation.

F.5. Letter from the Brazilian Air Force University (UNIFA) to the Federal University of Mato Grosso asking that Professor Dr. Calvo be officially transferred to UNIFA as a permanent professor explaining that the institution needs him to help form the core faculty of its newly approved professional master's Program in Operational Human Performance and emphasizes that his expertise in ergonomic and biomechanical evaluation and intervention is essential for improving the performance of military personnel in operational missions, demonstrating that he has performed a critical role.

F.6. Letter from UNIFA's Administration Dean to the commander of a Brazilian Air Force support group, requesting logistical support and identifying Dr. Calvo as the lead researcher and official representative for a scientific research project under the National Defense Academic Cooperation Program (PROCAD-DEFESA) involving pilots of the 1st Fighter Aviation Group, showing that he is entrusted with directing important national-level defense research.

F.7. Minutes of a June 22, 2023, meeting organizing a National Defense Research Seminar. The document assigns responsibility for one of the four main thematic areas and names Dr. Calvo as the representative for that axis. This shows that UNIFA, through Dr. Calvo, was chosen to co-lead and coordinate a central theme of a national seminar, including planning and selecting the research to be presented.

F.8. Newsletter titled "Highlights of the Graduate Program in Aerospace Sciences (PPGCA)" from UNIFA, describing the program and recent activities. It explains that PPGCA offers professional master's and doctoral degrees in aerospace sciences and has received a top rating of "5" from CAPES/MEC, which is the highest score for professional programs and indicates national recognition, demonstrating that UNIFA is an organization of distinguished reputation.

F.9. Printout Ministry of Defense, *Air Force University (UNIFA)* (Apr. 8, 2014) , describing UNIFA as a Brazilian Air Force institution established in 1983 to enhance senior officers' knowledge, offering master's and doctoral programs in Aerospace Sciences, and housing key military organizations, demonstrating that it is an organization of distinguished reputation. Available at: https://www.gov.br/defesa/pt-br/assuntos/ensino-e-pesquisa/copy_of_instituicoes-de-ensino-militar/copy_of_instituicoes-de-ensino-e-pesquisa-vinculadas-a-forca-aer

F.10. *Motriz declaration of editorial collaboration* dated June 16, 2025, confirming Dr. Calvo's service as Associate Editor and editorial board member with active duties in peer review and journal administration. Duplicate Ex. C.5.

F.11. Printout *Associate Editors page (Motriz Journal of Physical Education)* dated May 2, 2025, available at https://www.periodicos.rc.biblioteca.unesp.br/index.php/motriz/EditoresAssociados, showing Dr. Calvo listed among the journal's Associate Editors, thereby confirming his critical role for the department. Duplicate Ex. C.6.

F.12. Printout *About the Journal – Motriz: Journal of Physical Education* dated March 2023, available at https://www.periodicos.rc.biblioteca.unesp.br/index.php/motriz/about, Demonstrating that the journal is a department of UNESP. Duplicate exhibit C.4.

F.13. Internet printout of the news article reporting that São Paulo State University (UNESP) was ranked the 6th best university in Latin America according to the QS World University Rankings: Latin America & The Caribbean 2024, confirming the institution's high international prestige. Available at https://g1.globo.com/sp/sao-carlos-regiao/educacao/noticia/2025/10/07/unesp-e-eleita-a-6a-melhor-universidade-da-america-latina-veja-os-cursos-dos-24-campi.ghtml.

F.14. Internet printout of the QS World University Rankings: Latin America & The Caribbean 2024 results highlighting UNESP among the top universities in the region and documenting its academic reputation and research strength; available at: https://www.qs.com/insights/rankings-released-qs-world-university-rankings-latin-america-the-caribbean-2024?utm_source=chatgpt.com.

Thus, Dr. Calvi meets this criterion as the evidence demonstrates he has performed in leadership or critical roles for establishments and departments of distinguished reputation pursuant 8 CFR 204.5(h)(3)(viii).

Totality of Evidence - Final Merit Determination

In *Kazarian v. USCIS,* 596 F.3d 1115 (9th Cir. 2010), the court ruled that USCIS officers should use a two-step analysis to evaluate the evidence submitted with the petition to demonstrate eligibility for classification as a person with extraordinary ability in the sciences, arts, education, business, or athletics **through sustained national or international acclaim** indicating that the person is one of that small percentage who has risen to the very top of the field of endeavor. The officer applies the **preponderance of the evidence standard** when making this determination.

Furthermore, according to the USCIS Manual: "At this step, officers consider **any potentially relevant evidence in the record**, **even if such evidence does not fit one of the above regulatory criteria or was not presented as comparable evidence**. The officers consider all evidence in the totality. Some evidence may weigh more favorably on its own, while other evidence is more persuasive when viewed with other evidence." (Emphasis added). *See* U.S. Citizenship & Immigr. Servs., **Policy Manual**, vol. 6, pt. F, ch. 2, § A(2) (2025), https://www.uscis.gov/policy-manual.

After establishing that Dr. Calvo clearly meets above the minimum eligibility criteria, it is also compelling that he meets the sustainable national and international acclaim under the EB-1 **preponderance of evidence standard ("more likely than not")** of extraordinary ability in the field of sciences. The extensive record of his career accomplishments, the relevant awards he has received, his authores scholarly articles in high-ranking journals with great impact factor and considerable citation figures, the high-profile original contributions to academia and groundbreaking research as well as community welfare programs, and his critical work for departments of international distinguished reputation, are sufficient to demonstrate his outstanding track record sustained over decades.

Additional record corroborates Dr. Calvo's level of extraordinary ability and well-grounded success in Exercise, Sport Science, and Human Physiology that may not apply directly to one of the regulatory criteria under 8 CFR 204.5(h)(3), but can certainly be considered within the totality of the circumstances for the USCIS final merits adjudication.

UNIFA Professional Distinction 2022 - Academic

Although academic awards are not generally evaluated under 8 C.F.R. § 204.5(h)(3)(i), the **UNIFA "Professional Distinction" Award (2022)** is highly probative of Dr. Calvo's sustained acclaim and professional standing. This distinction is granted by the Air Force University (UNIFA) to recognize exceptional achievement among faculty and guest scholars who demonstrate outstanding professional performance, research impact, and service to the institution's mission. The honor is conferred selectively and symbolizes placement among the very top contributors to the academic and military-education community. While it may not correspond directly to a specific regulatory criterion, the award provides strong contextual evidence of his elevated stature and is appropriately weighed in the totality of the circumstances during the USCIS final merits adjudication, reflecting the level of recognition expected from individuals of extraordinary ability.

UFMT Federal Public Service Exam for Professors – Classification in first place

Dr. Calvo's first-place approval in the nationwide public service exam for the professorship in Biomechanics and Kinesiology at the Federal University of Mato Grosso (UFMT) is highly probative of his elevated professional standing. In Brazil, federal university faculty positions are filled through public service examinations, which constitute one of the most rigorous and competitive academic selection processes in the country. Candidates undergo multiple phases, including academic titles assessment, publication history, research impact, teaching evaluation, and oral defense before a judging committee, with final ranking based strictly on merit.

Securing first place in such an examination demonstrates that Dr. Calvo surpassed numerous qualified scholars and earned the highest academic and professional evaluation among all candidates, which evidences his placement at the very top of his field. While not counted separately as a regulatory criterion, this achievement is also highly relevant under the totality of the circumstances for USCIS final merits adjudication, as it reflects professional recognition and sustained evidence of extraordinary ability consistent with individuals at the pinnacle of their discipline.

Overall, Dr. Calvo's strong professional background, expertise, and impactful scientific approach have been consistently recognized by experts within the exercise and sport science, applied biomechanics, and human performance physiology in extreme environments. His body of work and professional trajectory confirm that he has attained a level of expertise found only in that small percentage of individuals who have risen to the very top of the Science field.

Dr. Calvo's professional engagement demonstrates the direct applicability of his expertise to national priorities in the United States. In his position as a visiting professor within a U.S. Navy department, he contributed to highly specialized research by processing biological datasets, performing advanced biostatistical modeling, and co-authoring studies on mission-critical topics including fatigue, musculoskeletal risk, and human performance in hypoxia and high-G environments. His work supports the operational readiness and safety of aviation and defense personnel by translating laboratory findings into real-world performance outcomes. This rare ability to connect biomechanical science with military and aerospace applications positions Dr. Calvo to continue generating substantial benefits to the United States through cutting-edge research, interdisciplinary collaboration, and the development of highly skilled students and professionals.

To assist the adjudicator in making the final determination on Dr. Calvo's case, we submit other relevant evidence for the sustained acclaim of Dr. Silva's work on **Exhibit G**:

G.1. Certificate issued by the Ministry of Defense – Air Force Command / Air Force University (UNIFA), dated September 30, 2022, honoring Dr. Adriano Percival Calvo with the "Professional Distinction" Award for outstanding professional performance.

G.2. Honor plaque displayed at the Air Force University recognizing Dr. Calvo as a recipient of the "Professional Distinction" Award (2022).

G.3. Photograph taken at the award ceremony showing Dr. Calvo receiving institutional recognition for the "Professional Distinction" Award.

G.4. Official Federal Gazette publication (December 14, 2012) listing the results of the UFMT public service examination and identifying Dr. Calvo as approved in first place for the professorship in Biomechanics and Kinesiology.

G.5. Letter from Christianne de Faria Coelho Ravagnani, Ph.D., Full Professor at the Federal University of Mato Grosso do Sul (UFMS) and President of the Brazilian Society of Physical Activity and Health (2024–2026), and Fabricio Cesar de Paula Ravagnani, Ph.D., Professor and Director of Research, Extension, and Institutional Relations at the Federal Institute of Mato Grosso do Sul (IFMS), dated June 15, 2025, jointly describing their long-term collaboration with Dr. Calvo in biomechanics and athletics performance research, detailing his leadership in implementing advanced force-platform–based assessment and in training students in biomechanical methods, and attesting that his technical skill, research leadership, and international contributions place him among the most accomplished professionals in human performance and biomechanics.

G.6. Letter from Carlos Alexandre Fett, Ph.D., Full Professor at the Federal University of Mato Grosso (UFMT) and CNPq DT Productivity Fellow in Technological Development and Innovative Extension, dated April 15, 2025, outlining Dr. Calvo's significant impact in biomechanics, human motor behavior, and exercise physiology.

G.7. . Multiple institutional certificates, dated between 2004 and 2007, documenting Dr. Calvo's extensive volunteer activities, including officiating at university and school athletics events, and participating in community outreach projects such as "Athletics for Children", thereby demonstrating his significant voluntary contributions to community engagement and education.

G.8. Doctoral diploma from São Paulo State University (UNESP), School of Engineering, Guaratinguetá Campus, conferring on Adriano Percival Calderaro Calvo the degree of Doctor of Science in Biomedical Engineering (Mechanical Engineering Graduate Program), dated Oct. 5, 2015 (degree obtained Feb. 20, 2015).

G.9. Postdoctoral certificate from the State University of Rio de Janeiro (UERJ), certifying that Adriano Percival Calderaro Calvo completed a postdoctoral research fellowship in the Graduate Program in Exercise and Sport Sciences under the supervision of Prof. Paulo de Tarso Veras Farinatti, from Oct. 1, 2021, to Dec. 31, 2022, dated May 9, 2023.

G.10. Master's diploma from São Paulo State University (UNESP), Institute of Biosciences, Rio Claro Campus, conferring on Adriano Percival Calvo the degree of Master of Science in Motor Sciences, in the area of Human Motor Biodynamics, dated Jan. 25, 2008 (homologated Aug. 15, 2007).

G.11. Bachelor's diploma from São Paulo State University (UNESP), Institute of Biosciences, Rio Claro Campus, conferring on Adriano Percival Calvo the degree of Licentiate in Physical Education, dated May 20, 2005 (degree completed Jan. 31, 2005; registered Jan. 16, 2006).

G.12. Foreign credential evaluation report for Dr. Calvo, issued by a recognized U.S. credential evaluation service, providing recommended U.S. equivalencies for his Brazilian academic degrees.

G.13. Dr. Calvo's resume.

In sum, the breadth and depth of the evidence unequivocally establish that Dr. Calvo meets the burden of proof for classification as an alien of extraordinary ability under INA §203(b)(1)(A). His consistent record of high-level contributions to sciences affirms that he is at the forefront of her profession and whose continuous presence in the United States will be invaluable.

Conclusion and Request for Favorable Adjudication

In conclusion, Dr. Calvo's high-level achievements, and consistent contributions to his field demonstrate that he meets the standard required for the EB-1A visa classification. His work has left a significant and lasting impact in the scientific community, as evidenced by the several accolades and widespread recognition his projects have received.

In the aggregate, this evidentiary record confirms Dr. Calvo's extraordinary ability and his eligibility under INA 203(b)(1)(A). He has demonstrated sustained national and international acclaim through his awards, the original research contributions, high-impact publications, elite professional memberships, and critical roles to globally recognized departments. The evidentiary portfolio, evaluated under the **preponderance of evidence** standard and in accordance with *Kazarian v. USCIS*, affirms that Dr. Calvo belongs to the small percentage of professionals who have risen to the very top of the field of Exercise, Sport Science, and Human Performance Physiology. His admission to the United States will not only allow him to continue her pioneering work but will also result in clear and substantial future benefit to the U.S. academic institutions and organizations notably on the investment of human performance in extreme condition environments.

We trust that by the **preponderance of the evidence** the documents presented herein are sufficient to warrant a favorable decision on the request. In totality, Dr. Calvo has proven his eligibility for classification as a person with extraordinary ability in sciences.

Granting Dr. Calvo an immigrant visa will enable him to continue making valuable contributions in his field in the United States as a Ph.D. Researcher. We are confident that his extraordinary abilities and promising future will continue to benefit both the nation and the global community. We kindly request that you consider his application favorably and grant him the opportunity to further him outstanding career in the United States.

Thus, for all the reasons set forth in this letter we respectfully request that the USCIS grants DR. ADRIANO PERCIVAL CALDERARO CALVO request for the EB-1A Visa.

Your attention to this case will be deeply appreciated. Thank you for your time and consideration of the request on behalf of Dr. Calvo.

Sincerely,

Otavio Haverroth Silva
California Bar # 343486

Exhibit list

Exhibits:	Pages:
Exhibit A: Evidence that petitioner will continue working and contributing to the area of Extraordinary Ability	
A.1. Resume of Adriano Percival Calderaro Calvo (Aug. 2025)	1-19
A.2. Personal Statement of Adriano Percival Calderaro Calvo to U.S. Citizenship & Immigration Servs. (Mar. 6, 2025)	20-26
A.3. Letter of Invitation from Naval Aerospace Medical Research Unit Dayton to Adriano Percival Calderaro Calvo, dated September 28, 2023	27
A.4. Naval Medical Research Unit Dayton, Certificate of Appreciation presented to Dr. Adriano Calderaro Calvo (Mar. 24, 2025)	28
Exhibit B: Beneficiary's receipt of lesser nationally or internationally recognized prizes or awards for excellence - Evidence that the Beneficiary was the recipient of the Award	
B.1. Email from the National Council for Scientific and Technological Development (CNPq) to Dr. Adriano Percival Calderaro Calvo, dated Sept. 12, 2023, notifying that he was selected as the recipient of a 12-month PDE research fellowship abroad, contingent upon completion of required forms	29-31
B.2. Notice from the Education Directorate – Piracicaba Region, Official Gazette of the State of São Paulo, Executive Branch, Section I, published Oct. 4, 2006, confirming that financial aid for participation in a master's Scholarship Project was granted to Dr. Adriano Percival Calvo for the period from Apr. 2006 to Sept. 2007	32-34
B.3. printout CNPq Scholarship Merit Criteria, demonstrating that CNPq scholarships are awarded through a competitive national evaluation based on academic performance rankings and research impact metrics	35-57
B.4. PDE Research Modality Program Description, demonstrating that the CNPq international research scholarship is granted only to researchers with proven high scientific productivity and substantial potential for scientific contribution abroad	58

B.5. Printout About CNPq (Government Institutional Overview), demonstrating that CNPq functions as a federal scientific body whose mission is to support researchers with distinguished academic records and recognized scientific impact 59

B.6. Federal Statute Governing CAPES Scholarships, demonstrating that CAPES scholarships operate under a federal statutory framework establishing eligibility based on academic merit and scientific distinction 60-61

B.7. CAPES Scholarship Criteria, demonstrating that CAPES evaluates candidates using merit-based criteria, such as superior academic performance, research productivity, and relevance of scientific contributions. Available at https://querobolsa.com.br/revista/bolsistada-capes 62-67

Exhibit C: The Petitioner's participation, either individually or on a panel, as a judge of the work of others in the same or an allied field of specialization for which classification is sought

C.1. Motriz invitation letter — Email dated September 18, 2024, inviting Dr. Calvo to serve as Associate Editor and select reviewers for the manuscript entitled "Complications, Strategies, and Types of Stretching for Vertical Jump Performance: A Systematic Review." 68

C.2. Motriz invitation letter — Email dated September 18, 2024, inviting Dr. Calvo to act as Associate Editor and select reviewers for the manuscript entitled "Association between Physical Performance and Health Indicators of Federal Highway Police Officers from the State of Ceará-Brazil." 69

C.3. Motriz confirmation of review — Official email dated April 1, 2024, from Dr. Cynthia Yukiko Hiraga, Editor-in-Chief of Motriz: Journal of Physical Education, confirming Dr. Calvo's completion of reviewer selection and recommendation for the manuscript entitled "Monitoring Training Load Measures Used in Indoor and Beach Volleyball: A Systematic Review." 70

C.4. Printout About the Journal – Motriz: Journal of Physical Education dated March 2023, available at https://www.periodicos.rc.biblioteca.unesp.br/index.php/motriz/about describing the mission, scope, and editorial standards of Motriz: Journal of Physical Education within the field of physical education, physical therapy, and exercise science 71-72

C.5. Motriz declaration of editorial collaboration dated June 16, 2025, confirming Dr. Calvo's service as Associate Editor and editorial board member with active duties in peer review and journal administration 73-75

C.6. Printout Associate Editors page (Motriz Journal of Physical Education) dated May 2, 2025, available at https://www.periodicos.rc.biblioteca.unesp.br/index.php/motriz/EditoresAssociados, showing Dr. Calvo listed among the journal's Associate Editors, thereby confirming his membership on the editorial board 76-8

C.7. JBMT invitation to review — Email dated November 4, 2024, from the Journal of Bodywork & Movement Therapies inviting Dr. Calvo to review the manuscript entitled"Recaptured Lives: The Long-Term Embodied Transformation of PTSD-Affected D anish Military Veterans through Basic Body Awareness Therapy.", demonstrating that the beneficiary was invited to judge the work of others in his field 89-90

C.8. JBMT appreciation email- Email dated October 21, 2024, from Jerrilyn Cambron, DC, PhD, Editor of the Journal of Bodywork & Movement Therapies, thanking Dr. Calvo for completing his peer review of the manuscript "Validity and Reliability of a 3D-Printed Hand-Held Dynamometer for Measuring Knee M uscle Strength.", demonstrating that Dr. Calvo actually performed his judging role 91

C.9. Journal of Bodywork & Movement Therapies (JBMT), Tutorial for Reviewers,Version 17.0 (Q2 2021) (excerpts), explaining the procedures for the reviewers to submittheir evaluation after formal invitation 92-98

C.10. Printout JBMT review history summary dated July 16, 2025, from Elsevier'sEditorial Manager, showing Dr. Calvo's review history for the journal(Reviewer ID profile: https://www.editorialmanager.com/yjbmt/PersonInfo.aspx), confirmingtwo completed peer reviews (including YJBMT-D-24-00436 and YJBMT-D-25-00392) andsummarizing his reviewer performance 9

C.11. Airforce University (UNIFA) invitation email dated August 13, 2025, from Prof. Dr. Karina Coelho Pires inviting Dr. Calvo to review the manuscript entitled "Association Between Musculoskeletal Injury, Operational Demand, and Physical Activity Level in Pilots.", demonstrating that Dr. Calvo was invited to judge the work of others. 101-103

C.12. Airforce University (UNIFA) acknowledgment email dated October 31, 2023, from Prof. Dr. Karina Coelho Pires acknowledging and 104-106

thanking Dr. Calvo for completing his peer review of the manuscript “Health Research in Microgravity.”, demonstrating that the beneficiary actually judged the work

C.13. Retos invitation email dated July 18, 2025, from Francisco Ruiz Juan, inviting Dr. Calvo to review the manuscript entitled “Time Motion Analysis Across Different Phases of female Brazilian Jiu-Jitsu competitions.” 107-109

C.14. Retos reminder email dated February 21, 2025, from Francisco Ruiz Juan, Dr. Calvo to complete his review of the manuscript “Evaluating the Impact of NSAIDs and Exercize Therapy Versus Sole Exercise Therapy on Joint Mobility, Pain Levels, Grip Strength, and Muscle Activity in Lateral Epicondylitis Patients.”, demonstrating that Dr. Calvo was invited to judge the work of others in his field 110-112

C.15. Retos acknowledgment of review email dated December 10, 2024, fromFrancisco Ruiz Juan, acknowledging receipt and thanking Dr. Calvo for his completedreview of the manuscript “Comparative Analysis of Rapid Weight Loss Among Brazilianand European Brazilian Jiu-Jitsu Practitioners at All Skill Levels: From Amateurs toProfessionals.”, demonstrating that Dr. Calvo actually participated in the evaluation of thework of others 113-115

C.16. Printout Revista RETOS, Reviewers 2025 List,https://revistaretos.org/index.php/retos/Revisores2021 (last visited Nov. 12, 2025),showing listing of Dr. Calvo as one of the reviewers within the scientific magazine 116-118

C.17. Corpoconsciência invitation e-mail (May 30, 2019) from Evando Carlos Moreira, Federal University of Mato Grosso (UFMT), inviting Dr. Calvo to review the manuscript titled “Sociodemographic Variables as Factors Affecting Motivation, Self-Esteem, and Body Dissatisfaction in Elderly Women Practicing Water Aerobics.” 119-123

C.18. Corpoconsciência invitation e-mail (September 2, 2019) inviting Dr. Calvo to review the manuscript entitled “Workplace Gymnastics: Prerogatives for dissemination” 124-128

C.19. Corpoconsciência invitation e-mail (August 15, 2020), inviting Dr. Calvo to review the article “Prevalence of Glenohumeral Internal Rotation Deficit and Scapular Dyskinesis in Amateur Swimmers.” 129-133

C.20. Corpoconsciência invitation e-mail (November 23, 2020), confirming a new assignment 134-138

to Dr. Calvo for the same manuscript, “Prevalence of Glenohumeral Internal Rotation Deficit and Scapular Dyskinesis in Amateur Swimmers.”

C.21. Corpoconsciência invitation e-mail (June 15, 2021, inviting Dr. Calvo to review the manuscript entitled “The Influence of Stretching Performed Prior to the 1RM on the performance of the Bench Press: The influence os stretching performed prior to the 1RM test on the performance of the bench press” 139-143

C.22. Corpoconsciência acknowledgment e-mail (November 26, 2020) from Evando Carlos Moreira, UFMT, thanking Dr. Calvo for completing his peer review of “Prevalence of Internal Rotation Deficit of Glenoumeral and Scapular Dyskinesia in Amateur Swimmers.”, demonstrating that the beneficiary completed the judging process 144-146

C.23. Agulhas Negras Journal acknowledgment e-mail (September 4, 2024), thankingDr. Calvo for completing the peer review of the manuscript titled “Development andValidation of Physical Tests in the Military Context: Insights for the Tactical Athlete" confirming that Dr. Calvo performed the requested evaluation for the work 147-149

C.24. Revista Brasileira de Ciencia e Movimento (RBCM) email correspondence (June 25, 2014, and July 7, 2014), thanking Calvo for completing the evaluations of the submissions titled “Schoolchildren with low academic performance present low motor performance: an exploratory study” and “Postural Changes in Institutionalized Children and Adolescents,” and acknowledging his role as an Article Reviewer for RBCM in 2014, confirming that Dr. Calvo was invited and performed the requested work. 150-152

C.25. Federal University of Mato Grosso (UFMT) formal appointment as External Examiner for the doctoral dissertation of Michelle Jalousie Kommers in the Graduate Program in Health Sciences, where he evaluated the candidate’s research and digitally signed the official defense minutes. Ministry of Educ., Fed. Univ. of Mato Grosso, Graduate Program in Health Scis., Minutes of the Public Defense of the Doctoral Dissertation of Michelle Jalousie Kommers (May 14, 2025), demonstrating that Dr. Calvo was invited and judged the work of others in his field 153-157

C.26. Air Force University (UNIFA) declaration confirming Dr. Calvo’s participation as Examining Committee Member for the professional master’s 158-160

defense titled “Contrast Sensitivity in Brazilian Air Force Pilots: An Exploratory Study,” verifying that he reviewed and approved the research findings. Ministry of Def., Air Force Command, Air Force Univ., Declaration – Contrast Sensitivity in Brazilian Air Force Pilots: An Exploratory Study (Aug. 25, 2022), demonstrating that the beneficiary performed the evaluation work

C.27. UNIFA confirmation that Dr. Calvo served as Examining Committee Member for the dissertation “Ergonomic Aspects of the C-105 Cockpit in the Presence of the Electronic Flight Bag,” evidencing his evaluation of academic content and methodological rigor. Ministry of Def., Air Force Command, Air Force Univ., Declaration – Ergonomic Aspects of the C-105 Cockpit in the Presence of the Electronic Flight Bag (Dec. 14, 2022) 161-163

C.28. UNIFA recognition of Dr. Calvo as Examining Committee Member for the master’s defense “Characterization of Physical Performance and Psychological Demands of Military Personnel Undergoing the Air Force Commando Course,” evidencing that he 14 reviewed and approved the research. Ministry of Def., Air Force Command, Air Force Univ., Declaration – Characterization of Physical Performance and Psychological Demands of Military Personnel Undergoing the Air Force Commando Course (Oct. 21, 2023) 164-166

C.29. UNIFA recognition of Dr. Calvo as Examining Committee Member for the master’s defense “Analysis of Cardiovascular Automatic Responses of Military Pilots During a Sequence of Aerobatic Maneuvers” evidencing that he 14 reviewed the research. Ministry of Def., Air Force Command, Air Force Univ., Declaration – (Nov. 16, 2023) 167-169

C.30. UNIFA declaration of Dr. Calvo participation as Examining Committee Member for the dissertation “Correlation Between Anaerobic Physical Performance and Specific Combat Tasks in APHT Operators of the Brazilian Air Force,” verifying that he served as evaluator and signatory to the committee’s decision. Ministry of Def., Air Force Command, Air Force Univ., Declaration – Correlation Between Anaerobic Physical Performance and Specific Combat Tasks in APHT Operators of the Brazilian Air Force (Dec. 19, 2023) 170-172

C.31. UNIFA confirmation of Dr. Calvo’s role as Advisor and Examining Committee Member for the dissertation “Hypoxia Training in a Hypobaric Chamber: A Systematic Review of Observed 173-175

Changes in Aviators' Symptoms," demonstrating that he directed and judged the candidate's research. Ministry of Def., Air Force Command, Air Force Univ., Declaration – Hypoxia Training in a Hypobaric Chamber: A Systematic Review of Observed Changes in Aviators' Symptoms (Aug. 7, 2024)

C.32. UNIFA declaration - Dr. Calvo as Chair of the Examining Committee for the professional master's defense "Cross-Sectional Study on Musculoskeletal Symptoms in Senior Air Force Academy Cadets: Characteristics and Associations," confirming that he presided over the session and issued the final approval. Air Force Univ., Minutes of Defense Examination of the Final Thesis – Cross-Sectional Study on Musculoskeletal Symptoms in Senior Air Force Academy Cadets: Characteristics and Associations (Nov. 1, 2024) 176-178

C.33. The Admiral Adalberto Nunes Physical Education Center (CEFAN) of UNIFA confirmation of Dr. Calvo's participation as Examining Committee Member in the graduate defense "Physical Conditioning Components Associated with Load-Bearing March Performance: A Systematic Review," demonstrating that he assessed and approved the final thesis. Air Force Univ., CEFAN, Minutes of Defense Examination – Physical Conditioning Components Associated with Load-Bearing March Performance: A Systematic Review (July 28, 2023) 179-183

C.34. UNIFA appointment of Dr. Calvo as Examining Committee Member for the professional master's defense "The Influence of Sleep, Mood, Happiness, and Physical Conditioning on Flight Performance in Brazilian Air Force Cadet Pilots," confirming that he was invited to participate in the academic evaluation and approval of the dissertation. Ministry of Def., Air Force Command, Air Force Univ., Declaration – The Influence of Sleep, Mood, Happiness, and Physical Conditioning on Flight Performance in Brazilian Air Force Cadet Pilots (Mar. 12, 2025) 184-186

C.35. The Federal University of Mato Grosso (UFMT) official appointment of Dr. Calvo to serve on the Extension Project Evaluation Committee, confirming that he was invited to act as a judge and evaluator of academic research projects submitted to the School of Physical Education. Ministry of Educ., Fed. Univ. of Mato Grosso, Decision 016/FEF/2015 (Dec. 8, 2015) 187-189

C.36. UFMT formal appointment of Dr. Calvo to serve on the Examining Committee for the Adjunct Professor Selection Process in the School of Physical Education, confirming that he was officially invited to act as a member of the judging committee responsible for evaluating candidates in multiple teaching and research areas, including gymnastics, swimming, futsal, and higher education in physical education. Ministry of Educ., Fed. Univ. of Mato Grosso, Sch. of Physical Educ., Decision 012/FEF/2013 (May 3, 2013). 190-192

C.37. Federal University of Juiz de Fora (UFJF) official declaration confirming that Dr. Calvo served as Member of the Examining Committee for the Assistant Professor Selection Process in the Department of Physical Education, held under Exam Bulletin No. 20/2014. The declaration verifies that he participated in judging the academic credentials and examinations of candidates applying for a faculty position, thereby demonstrating his invitation and active participation as a scholarly evaluator. Fed. Univ. of Juiz de Fora, Sch. of Physical Educ. & Sports, Declaration – Assistant Professor Selection Process, Exam Bulletin No. 20/2014 (May 22, 2014) 193-195

C.38. UFMT confirmation of Dr. Calvo’s participation as Internal Examiner in the master’s Thesis Examining Committee for the graduate student Jonatha Flávio Souza Lemos, who defended the dissertation entitled “Senior Functional: A General Physical Training Proposal for the Physical Conditioning of the Elderly.”, confirming Dr. Calvo role as evaluator. Ministry of Educ., Fed. Univ. of Mato Grosso, Graduate Program in Physical Educ., Public Defense Minutes – Jonatha Flávio Souza Lemos (Sept. 20, 2018) 196-200

C.39. UFMT declaration confirming Dr. Calvo’s service as Committee Chair and CoAdvisor for the master’s Thesis Examining Committee of graduate student Fernanda Gabriella Pedroso Marques, who presented the work titled “School Performance and Sports Motivation of Students at the Federal Institute of Mato Grosso.”, verifying his formal invitation, participation, and evaluation of the student’s research in an official defense session. Ministry of Educ., Fed. Univ. of Mato Grosso, Graduate Program in Physical Educ., Declaration – master’s Thesis Examining Committee (Fernanda Gabriella Pedroso Marques) (Aug. 30, 2019) 201-203

C.40. Adriano Percival Calderaro Calvo, Parecer Meira Mattos (translated), Opinion/Report evaluating 204-206

scholarly work, demonstrating Dr. Calvo’s role as a peer reviewer and evaluator of research within his professional field.

Exhibit D: Petitioner's original scientific, scholarly, artistic, athletic, or business-related contributions of major significance in the field.

D.1. Adriano Percival Calderaro Calvo – Google Scholar Profile, reporting citation metrics including 228 total citations, h-index of 6, and i10-index of 4, as well as a list of peer-reviewed publications with individual citation counts, with metrics updated as of November 2025 demonstrating that the beneficiary’s original work has major impact in the field	207-223
D.2. CNPq Researcher Directory profile for Dr. Calvo, reflecting his doctoral degree, fields of expertise in human physiology and biomechanical evaluation, leadership of research on operational human performance in the armed forces, and status as a PDE scholarship holder, thereby evidencing his original research contributions of major significance in the field	224-228
D.3. Multiple institutional certificates and attestations from UNESP and the Intervias School Project recognizing Dr. Calvo’s university extension scholarship with Companhia Éxciton and his indispensable role as dancer, choreographer, and collaborator in the “Intervias School Project – Educate to Humanize Traffic,” a program that received national and international awards for traffic safety and social responsibility, thereby evidencing his contributions of major significance to societal benefit	229-245
D.4. News article from UNESP reporting the award granted to the Éxciton Company of Unesp Rio Claro and highlighting the “Art to Humanize Traffic” production developed in partnership with the Intervias School Project, including statements from the project coordinator acknowledging the company’s pride in contributing to the Top Social ADVB 2002 Award, thereby further demonstrating Dr. Calvo’s role in artistic-educational initiatives that generated societal benefits of major significance	246-250
D.5. Letter from Regiane Albertini de Carvalho, Ph.D., Associate Professor and former Academic Director at the Institute of Science and Technology of the Federal University of São Paulo (UNIFESP), dated June 18, 2025, describing her multi-year	251-259

research collaboration with Dr. Calvo in human biomechanics and rehabilitation science, highlighting his pivotal role in developing innovative clinical protocols and attesting that his co-authored work has received extensive citation in high-impact journals, thereby supporting that his research contributions in human performance and biomechanics are of major impact in the field

D.6. Letter from Sebastião Gobbi, Ph.D., retired Full Professor from the Institute of Biosciences at São Paulo State University (UNESP), dated July 31, 2025, explaining that Dr. Calvo ranks among the top contributors in human physiology and biomechanics, with at least 28 peer-reviewed publications and more than 200 citations, affirming that Dr. Calvo's contributions are of major impact 260-266

D.7. Letter from Carlos Alexandre Fett, Ph.D., Full Professor at the Federal University of Mato Grosso (UFMT) and CNPq DT productivity fellow, dated April 15, 2025, emphasizing Dr. Calvo's innovations in biomechanics, including the development of an adaptive insole to improve grip for individuals with disabilities and his advanced use of balance/force platforms, surface electromyography, and motion analysis systems, and concluding that Dr. Calvo's multidisciplinary work in biomechanics, human motor20 behavior, and exercise physiology reflects a profile of exceptional qualification and significant impact on the field and on applied human performance science 267-273

Exhibit E: Petitioner's authorship of scholarly articles in the field, in professional or major trade publications.

E.1. Compilation of Peer-Reviewed Scholarly Scientific Publications Authored by Dr. Adriano Percival Calderaro Calvo, demonstrating that he has authored articles in the field of Sciences 274-311

E.2. Compilation of printouts describing the publication venues of Dr. Calvo's scholarly scientific articles, demonstrating that each outlet in which he has published is a peerreviewed, academically indexed professional publication intended for researchers and scientific professionals 312-429

Exhibit F: Evidence that the Petitioner has performed in a leading or critical role for organizations or establishments of distinguished reputation.

F.1. Department of the Navy, Naval Medical Research Unit Dayton, Visiting Professor Invitation to 430

Dr. Adriano Percival Calderaro Calvo (Sept. 28, 2023), inviting Dr. Calvo to serve for one year as a visiting professor/post-doctoral intern at the Naval Aerospace Medical Research Laboratory at NAMRU Dayton to participate in collaborative aeromedical research

F.2. José Múcio Monteiro Filho, Minister of State for Defense, Federative Republic of Brazil, Ordinance GM-MD No. 49 of Jan. 5, 2024, Authorizing International Mission “EXTRA PLANEJAMENT 2024 – Academic”, authorizing Dr. Calvo, a professor at the Federal University of Santa Catarina, to depart Brazil for extended service as a visiting professor in human physiology in extreme environments at the Naval Aerospace Medical Research Laboratory, NAMRU Dayton/Wright-Patterson Air Force Base, Dayton, Ohio, with scholarship support from the National Council for Scientific and Technological Development (CNPq)) 431-433

F.3. Naval Medical Research Unit Dayton, Certificate of Appreciation Presented to Dr. Adriano Calderaro Calvo (Mar. 24, 2025), recognizing Dr. Calvo’s exemplary service as Visiting Professor at the Naval Aerospace Medical Research Laboratory at NAMRU Dayton from March 2024 to March 2025 and detailing his leadership in advanced vestibular, biomechanics, and vibration-exposure research that expanded NAMRU Dayton’s motion-platform capabilities and training methodologies, demonstrating that he has performed a critical role for the organization. 434

F.4. Naval Medical Research Command, About Naval Medical Research Unit Dayton (NAMRU Dayton), U.S. Navy official website, describing NAMRU Dayton as one of eight laboratories in the Navy Medicine Research & Development Enterprise and as the home of the Environmental Health Effects Laboratory and the Naval Aerospace Medical Research Laboratory, which conduct world-class aerospace medical and environmental health effects research in support of U.S. warfighter readiness and performance, showing that the organization enjoys high distinguished reputation 435

F.5. Letter from the Brazilian Air Force University (UNIFA) to the Federal University of Mato Grosso asking that Professor Dr. Calvo be officially transferred to UNIFA as a permanent professor explaining that the institution needs him to help form the core faculty of its newly approved professional master’s Program in Operational Human 436-439

Performance and emphasizes that his expertise in ergonomic and biomechanical evaluation and intervention is essential for improving the performance of military personnel in operational missions, demonstrating that he has performed a critical role

F.6. Letter from UNIFA's Administration Dean to the commander of a Brazilian Air Force support group, requesting logistical support and identifying Dr. Calvo as the lead researcher and official representative for a scientific research project under the National Defense Academic Cooperation Program (PROCAD-DEFESA) involving pilots of the 1st Fighter Aviation Group, showing that he is entrusted with directing important national-level defense research 440-444

F.7. Minutes of a June 22, 2023, meeting organizing a National Defense Research Seminar. The document assigns responsibility for one of the four main thematic areas and names Dr. Calvo as the representative for that axis. This shows that UNIFA, through Dr. Calvo, was chosen to co-lead and coordinate a central theme of a national seminar, including planning and selecting the research to be presented 445-451

F.8. Newsletter titled "Highlights of the Graduate Program in Aerospace Sciences (PPGCA)" from UNIFA, describing the program and recent activities. It explains that PPGCA offers professional master's and doctoral degrees in aerospace sciences and has received a top rating of "5" from CAPES/MEC, which is the highest score for professional programs and indicates national recognition, demonstrating that UNIFA is an organization of distinguished reputation 452-473

F.9. Printout Ministry of Defense, Air Force University (UNIFA) (Apr. 8, 2014) , describing UNIFA as a Brazilian Air Force institution established in 1983 to enhance senior officers' knowledge, offering master's and doctoral programs in Aerospace Sciences, and housing key military organizations, demonstrating that it is an organization of distinguished reputation. Available at: https://www.gov.br/defesa/pt-br/assuntos/ensino-e pesquisa/copy_of_instituicoes-de-ensino-militar/copy_of_instituicoes-de-ensino-e pesquisa-vinculadas-a-forca-aer 474-475

F.10. Motriz declaration of editorial collaboration dated June 16, 2025, confirming Dr. Calvo's service as Associate Editor and editorial 476-478

board member with active duties in peer review and journal administration. Duplicate Ex. C.5

F.11. Printout Associate Editors page (Motriz Journal of Physical Education) dated May 2, 2025, available at https://www.periodicos.rc.biblioteca.unesp.br/index.php/motriz/EditoresAssociados, showing Dr. Calvo listed among the journal's Associate Editors, thereby confirming his critical role for the department. Duplicate Ex. C.6 — 479

F.12. Printout About the Journal – Motriz: Journal of Physical Education dated March 2023, available at https://www.periodicos.rc.biblioteca.unesp.br/index.php/motriz/about, Demonstrating that the journal is a department of UNESP. Duplicate exhibit C.4 — 492-493

F.13. Internet printout of the news article reporting that São Paulo State University (UNESP) was ranked the 6th best university in Latin America according to the QS World University Rankings: Latin America & The Caribbean 2024, confirming the institution's high international prestige. Available at https://g1.globo.com/sp/sao-carlosregiao/educacao/noticia/2025/10/07/unesp-e-eleita-a-6a-melhor-universidade-da-americalatina-veja-os-cursos-dos-24-campi.ghtml. — 494-503

F.14. Internet printout of the QS World University Rankings: Latin America & The Caribbean 2024 results highlighting UNESP among the top universities in the region and documenting its academic reputation and research strength; available at: https://www.qs.com/insights/rankings-released-qs-world-university-rankings-latinamerica-the-caribbean-2024?utm_source=chatgpt.com — 504

Exhibit G: Totality of Evidence - Final Merit Determination

G.1. Certificate issued by the Ministry of Defense – Air Force Command / Air Force University (UNIFA), dated September 30, 2022, honoring Dr. Adriano Percival Calvo with the "Professional Distinction" Award for outstanding professional performance — 505-507

G.2. Honor plaque displayed at the Air Force University recognizing Dr. Calvo as a recipient of the "Professional Distinction" Award (2022) — 508-510

G.3. Photograph taken at the award ceremony showing Dr. Calvo receiving institutional recognition for the "Professional Distinction" Award — 511

G.4. Official Federal Gazette publication (December 14, 2012) listing the results of the UFMT public service examination and identifying Dr. Calvo as — 512-515

approved in first place for the professorship in Biomechanics and Kinesiology

G.5. Letter from Christianne de Faria Coelho Ravagnani, Ph.D., Full Professor at the Federal University of Mato Grosso do Sul (UFMS) and President of the Brazilian Society of Physical Activity and Health (2024–2026), and Fabricio Cesar de Paula Ravagnani, Ph.D., Professor and Director of Research, Extension, and Institutional Relations at the Federal Institute of Mato Grosso do Sul (IFMS), dated June 15, 2025, jointly describing their long-term collaboration with Dr. Calvo in biomechanics and athletics performance research, detailing his leadership in implementing advanced force-platform–based assessment and in training students in biomechanical methods, and attesting that his technical skill, research leadership, and international contributions place him among the most accomplished professionals in human performance and biomechanics 516-524

G.6. Letter from Carlos Alexandre Fett, Ph.D., Full Professor at the Federal University of Mato Grosso (UFMT) and CNPq DT Productivity Fellow in Technological Development and Innovative Extension, dated April 15, 2025, outlining Dr. Calvo’s significant impact in biomechanics, human motor behavior, and exercise physiology 525-531

G.7. Declarations and certificates from São Paulo State University (UNESP), the Rio Claro Municipal Sports Secretariat, and Colégio Koelle, dated between 2001 and 2004, documenting Dr. Calvo’s extensive volunteer activities, including officiating at university and school athletics events, and participating in community outreach projects such as “Athletics for Children” and “Dança Vida,” thereby demonstrating his significant voluntary contributions to community engagement and education 532-550

G.8. Doctoral diploma from São Paulo State University (UNESP), School of Engineering, Guaratinguetá Campus, conferring on Adriano Percival Calderaro Calvo the degree of Doctor of Science in Biomedical Engineering (Mechanical Engineering Graduate Program), dated Oct. 5, 2015 (degree obtained Feb. 20, 2015) 551-555

G.9. Postdoctoral certificate from the State University of Rio de Janeiro (UERJ), certifying that Adriano Percival Calderaro Calvo completed a postdoctoral research fellowship in the Graduate Program in Exercise and Sport Sciences under the supervision of Prof. Paulo de Tarso Veras Farinatti, 556-558

from Oct. 1, 2021, to Dec. 31, 2022, dated May 9, 2023.	
G.10. Master's diploma from São Paulo State University (UNESP), Institute of Biosciences, Rio Claro Campus, conferring on Adriano Percival Calvo the degree of Master of Science in Motor Sciences, in the area of Human Motor Biodynamics, dated Jan. 25, 2008 (homologated Aug. 15, 2007)	559-563
G.11. Bachelor's diploma from São Paulo State University (UNESP), Institute of Biosciences, Rio Claro Campus, conferring on Adriano Percival Calvo the degree of Licentiate in Physical Education, dated May 20, 2005 (degree completed Jan. 31, 2005; registered Jan. 16, 2006)	564-568
G.12. Foreign credential evaluation report for Dr. Calvo, issued by a recognized U.S. credential evaluation service, providing recommended U.S. equivalencies for his Brazilian academic degrees	569-578
G.13. Dr. Calvo's resume	579-597
Exhibit H: Personal Documents	
Passport's Biometrics Page	598-599
U.S. Visa Page	600
Birth certificate	601-602
Marriage Certificate	603-604
Derivative' s Passport's Biometrics Page	605-606
Derivative' s U.S. Visa Page	607
Derivative's Birth Certificate	608-610

Exhibit A: Evidence that petitioner will continue working and contributing to the area of Extraordinary Ability

ADRIANO PERCIVAL CALDERARO CALVO

Email | percivalcalvo.fab@gmail.com
Phone | +55 (12) 98858-5760

I hold a Bachelor's degree in Physical Education with a Teaching License and have 20 years of experience, including work in early childhood education, elementary levels I and II, high school, undergraduate and postgraduate programs, as well as in academic and scientific activities. I have expertise in motor pedagogy, motor learning, applied biomechanics, and exercise physiology in extreme environments. My academic background includes a Master's degree in Motor Science, a Ph.D. in Sciences (Biomedical Engineering), a postdoctoral fellowship in Exercise and Sport Science, and a visiting professor internship on performance in extreme environments, and I am also a certified data processing technician. I have received awards for cultural activities applied within pedagogical contexts, and for academic excellence at the Air Force University. I am one of the authors of the book "Athletics is learned at school," published in two editions, and 28 peer-reviewed articles published in electronic journals. Additionally, over the past 15 years I have supervised eight master's students and 30 undergraduate thesis projects. My main skills include (i) biomechanics (surface electromyography, force platform, body balance, vertical jump, biological data processing), (ii) applied biostatistical analysis, (iii) kinesiology and applied physiology (sport science, human performance, physical education, high altitude and hypoxia)

WORK EXPERIENCE

ACADEMIC POSITIONS

1. **NAVAL MEDICAL RESEARCH UNIT - NAMRU (DAYTON, OH – U.S.)** 2024 - 2025
   VISITING PROFESSOR IN EXTREME HUMAN PERFORMANCE
   - Conducting biological data processing, conducting statistical analyses, preparing reports, preparing scientific articles

2. **AIR FORCE COMMAND – AIR FORCE UNIVERSITY** 2019 - 2025
   PROFESSOR OF HIGHER EDUCATION
   - Graduate Professor in Operational Human Performance
     - Student advising, research supervision, lecturing, student assessments related to program subjects, organization and management of class records, scientific advising, conducting biological data processing, conducting statistical analyses, preparation of reports, preparation of scientific articles, preparation of scientific texts, and development of research projects.
     - Total number of completed master's advisements: 8

   1. Allan Pedro Nichele. Analysis of Specific Training on Flight Fatigue Symptoms and Musculoskeletal Pain during the Basic Training of Aviation Cadets at the Air Force Academy. 2022.
   2. Cristiano David Leite. Study on the manifestation of Temporomandibular Disorder in Brazilian Air Force military personnel. 2021.
   3. Danielle Filippo de Lemos. Performance of Fighter Pilot Officers in the Hypobaric Chamber Throughout their Careers: Relations with Anthropometric and Physiological Parameters Based on Records from the Institute of Aerospace Medicine. 2021.
   4. Eduardo Augusto Montenegro Duque. Effects of a High-Intensity Military Functional Training Program on Physical Fitness, Musculoskeletal Symptoms, and Symptoms Related to Fatigue in T-27 Instructors at the Brazilian Air Force Academy. 2021.
   5. Adriano Joaquim dos Santos. Characterization of Physical Performance and Physiological Demand of Military Personnel Undergoing Operational Training Courses of the Airborne Rescue Squadron. 2021.
   6. Edson Koury do Nascimento. Analysis of Cardiovascular Autonomic Responses of Military Pilots during a Sequence of Aerobatic Maneuvers. 2021.
   7. Lucio Mauro Campos Silva Junior. Correlation between Anaerobic Physical Performance and Specific Combat Tasks in APHT Operators at the Brazilian Air Force. 2021.

3. **FEDERAL UNIVERSITY OF SÃO PAULO** 2018 - 2019
   PROFESSOR OF HIGHER EDUCATION

- Technical collaborator at the Institute of Science and Technology
  - Supervision of postgraduate students, conducting biological data processing, conducting statistical analyses, preparing reports, preparing scientific articles

4. **FEDERAL UNIVERSITY OF MATO GROSSO** 2013 - 2019

PROFESSOR OF HIGHER EDUCATION

- Professor at the School of Physical Education
  - Undergraduate student supervision, teaching classes, student assessments related to program subjects, organization and management of class records, conducting biological data processing, conducting statistical analyses, preparing reports.
  - Completed master's advisements: 1

1. Fernanda Gabriella Pedroso Marques. IFMT Games: What are the school performance and motivations of participating students? 2019. *(IFMT: Federal Institute of Education, Science and Technology of Mato Grosso)*

5. **UNIVERSITY OF VALE DO PARAIBA** 2009 - 2013

PROFESSOR OF HIGHER EDUCATION

- Professor at the School of Education and Arts
  - Undergraduate student supervision, teaching classes, student assessments related to program subjects, organization and management of class records.
  - Undergraduate thesis advisements: 30

1. Bianca Mendes da Mota. The benefits of Pilates as physical preparation for professional Classical Dancers. 2012.
2. Camila Maringo. Understanding Developmental Coordination Disorder. 2012.
3. Gabriela Marcondes. Proposal of a Physical Assessment Test Battery for Talent Identification in Futsal. 2012.
4. Bruno Akira. Oversight of Physical Education Classes in Schools by the responsible government bodies: CONFEF/CREF and CNE. 2012. *(CONFEF:* Federal Council of Physical Education */ CREF:* Regional Council of Physical Education / CNE: National Council of Education)
5. Giovanni Machado. Resistance Training for Injury Prevention in Road Running. 2012.
6. Camila Aparecida Silva. Futsal: Motor Development of Children in School Physical Education. 2012.
7. Adriana Danielle da Silva. DIDACTIC NOTEBOOK IN SCHOOL PHYSICAL EDUCATION. 2012.
8. Edilson Rodrigues Rezende. General Gymnastics: a way to make school Physical Education Classes more engaging. 2012.
9. Marly Monteiro de Carvalho. General Gymnastics in School Physical Education. 2012.
10. Daniela Marcia de Oliveira dos Santos. Dance for people with disabilities in São José dos Campos. 2012.
11. Wallace Ferreira. Pre-competitive emotional stress in schoolchildren participating in training groups from state schools in São José dos Campos. 2012.
12. Lilison Silva. Motor Development as an ally to Pedagogical Approaches in School Physical Education. 2012.
13. Ana Carolina Medeiros de Menezes / André Luiz Vieira. Are Schools preparing to deal with hypokinetic diseases? 2011.
14. Guilherme de Andrade Bassi / Jonel Rodrigues dos Santos et al. Asthma, school, physical activity, and school Physical Education. 2011.
15. André Luiz Tristão. Games and Playfulness: focusing on activities for 6-year-old children. 2011.
16. Emerson Marinho Souza da Silva. Motor Coordination in childhood as a foundation for adult life. 2011.
17. Vinícius Maciel. Physical Capacities and Motor Behavior in judo and jiu-jitsu. 2010.
18. Marcio Rosa Muniz and Luiz Fernando Ferreira. Stigmas of Physical Detraining. 2010.
19. Daniela F. Santos; Luba D. F. Santos; Silvana de S. Pereira. Training Methods and Techniques for the Gluteal Muscles. 2010.
20. Rodney Kotesky; Aridmir L. Oliveira; and Ronaldo M. da Fonseca. Analysis of the Center of Mass of Athletes during attack in Volleyball. 2010.
21. Luis Otávio Guerra Sanches; and Samuel Pompeo Lima. Injuries in rodeo practitioners: incidence of ailments in bull riders. 2010.
22. Aline Blanque; Pâmela R. dos Santos; Fernanda C. Fratus. Body Awareness. 2010.
23. Saulo R. F. Lopes; Jander V. M. Lazaroni; Flávio G. Nunes. Training Methods and Programs for the Elderly. 2010.
24. Nathalie Isaura Ramos; Luiza Viola Romani. Comparative study of handgrip strength between handball athletes and non-athletes. 2010.
25. Fernanda Rodrigues de Almeida; Juliana Apda. de Vilas Boas. Anterior Cruciate Ligament Injury: importance of pre-surgical resistance training. 2010.

26. Mariana Angélica de S. Campos; Halana Ferraz Santos. Stress resulting from training in child judokas. 2010.
27. Germano de Souza; Carlos Eduardo Dias Ferreira. Core Training: a new way of strengthening for performance improvement and quality of life. 2010.
28. Elisandra Martins Maioli; Fernanda Rodrigues Pereira de Souza. Injury rate among gym instructors working in fitness centers. 2010 .
29. Vicente Antonio de Faria Junior. Soccer player: dream and reality. 2010.
30. Valdemar de Araújo; Weyllon R. Duarte; and Julio C. de Almeida. The Football pass for children aged 11 to 12 years. 2010.

MEMBER OF THE EDITORIAL BOARD

6. MOTRIZ – PHYSICAL EDUCATION JOURNAL (E-ISSN: 1980-6574) 2023 - PRESENT
   ASSOCIATE EDITOR

OTHER POSITIONS

7. SÃO PAULO STATE DEPARTMENT OF EDUCATION 2006 - 2011
   BASIC EDUCATION TEACHER
   - Teaching school physical education classes, student assessments related to course subjects, organization and management of class records

8. BRAZILIAN ARMY 1998 - 1998
   SECOND CLASS PRIVATE

EDUCATION

POSTDOCTORATE IN EXERCISE AND SPORT SCIENCE [CAPES 4.0]
(CAPES: Coordination for the Improvement of Higher Education Personnel)
STATE UNIVERSITY OF RIO DE JANEIRO (UERJ)
RIO DE JANEIRO, RIO DE JANEIRO, BRAZIL
2021 - 2022

PH.D. IN SCIENCES (BIOMEDICAL ENGINEERING AREA) – [CAPES/MEC: 5.0]
(MEC: Ministry of Education)
COLLEGE OF ENGINEERING OF GUARATINGUETÁ
JULIO DE MESQUITA FILHO STATE UNIVERSITY OF SÃO PAULO
GUARATINGUETÁ, SÃO PAULO, BRAZIL
2011 - 2015

MASTER'S DEGREE IN HUMAN MOTOR SCIENCE [CAPES/MEC: 5.0]
JULIO DE MESQUITA FILHO STATE UNIVERSITY OF SÃO PAULO
RIO CLARO, SÃO PAULO, BRAZIL
2005–2007

BACHELOR'S DEGREE IN PHYSICAL EDUCATION [ENADE/MEC: 5.0; CC/MEC: 4.0]
(ENADE: National Student Performance Exam)
EQUIVALENCE: BACHELOR IN PHYSICAL EDUCATION WITH TEACHING LICENSE
SÃO PAULO STATE UNIVERSITY JULIO DE MESQUITA FILHO
RIO CLARO, SÃO PAULO, BRAZIL
2001-2005

DATA PROCESSING TECHNICIAN
MARIA RIBEIRO RIBEIRO DAHER SCHOOL
JACAREÍ, SÃO PAULO, BRAZIL
DECEMBER/1996

MAIN COURSES / SEMINARS

- **SPEAKER**

1. **I SEMINAR ON NATIONAL DEFENSE RESEARCH** (RIO DE JANEIRO) 11/2023. Title: Temporomandibular Disorder in Air Traffic Controllers: prevalence and effects.

- **PRESENTATION OF STUDIES AT SCIENTIFIC EVENTS**

1. Incidence of Simulator Sickness in Brazilian Aviation Cadets using Flight Trainers: preliminary results. 2024.
2. PREVALENCE OF MUSCULOSKELETAL SYMPTOMS IN AVIATION CADETS AND THEIR IMPLICATIONS. 2023.
3. RELATIONSHIP BETWEEN PERFORMANCE ON THE TACTICAL CIRCUIT TRACK AND PHYSICAL CAPACITIES IN TACTICAL PRE-HOSPITAL CARE OPERATORS OF THE BRAZILIAN AIR FORCE. 2023.
4. CHARACTERIZATION OF THE PHYSIOLOGICAL DEMAND OF THE BRAZILIAN AIR FORCE COMMAND COURSE. 2023.
5. Prevalence of Fatigue in Female Cadets at the Air Force Academy and its relationship with Performance in the Fitness and Conditioning Test. 2023.
6. Hypobaric Hypoxia Tolerance of Aircrew: successive exposure. 2023.
7. Metabolic adaptations in Brazilian jet pilots. 2023.
8. Qualitative Analysis of Gastrocnemius EMG during AGSM. 2023.
9. Ergonomic Aspects in the C-105 Cockpit in the presence of the Electronic Flight Bag. 2023.
10. Effect of Fatigue on Physical Performance of Male Cadets at the Air Force Academy. 2023.
11. Temporomandibular Disorder, Psychological Distress, and Masticatory Muscles of Air Traffic Controllers: electromyographic analyses. 2023.
12. ANALYSIS OF THE EMG SIGNAL OF THE GASTROCNEMIUS DURING TWO 30-SECOND AGSM SESSIONS. 2022.
13. Electromyography of facial muscles of Military Air Traffic Controllers (ATCO) of the Brazilian Air Force during simulator exercises. 2021.
14. Study of the manifestation of temporomandibular dysfunction in brazilian Air Force Military personnel. 2021.
15. Functional muscle fatigue of cadets in a force simulator of the t-27 Tucano aircraft. 2021.
16. Exploratory Readings on Operational Performance of Aircrew subjected to successive Hypoxia trainings. 2021. (Work presentation/Other).
17. Prediction of Lower Back Pain in Brazilian Air Force Helicopter Pilots through Isometric Muscle Endurance of the Lumbopelvic Region. 2021.
18. The Effect of Specific Physical Training on Musculoskeletal Symptoms and Fatigue Among Brazilian T-27 Flight Instructors. 2021. (Work Presentation/Symposium).
19. Lumbopelvic muscle endurance asymmetry predicts low back pain intensity in Helicopter Pilots from Brazilian Air Force.?. 2021.
20. OCCUPATIONAL PROFILE OF THE OPERATOR OF AIR DEFENSE SYSTEMS OF THE BRAZILIAN AIR FORCE. 2021.
21. Study of the manifestation of temporomandibular dysfunction in Brazilian Air Force Military personnel. 2020.
22. THREE WEEKLY PHYSICAL EXERCISE SESSIONS: COMPARISON OF BODY COMPOSITION AND BASAL METABOLIC RATE AMONG ELDERLY BASED ON PHYSICAL ACTIVITY. 2019.
23. PEREIRA, C.H.C.N.; CALVO, ADRIANO PERCIVAL CALDERARO ; URBAN, M.F.R.; PROCOPIO, L. ; ZANGARO, R. ; CARVALHO, R. A.. Dynamic Balance and Muscle Activity of individuals with Lower Limb Amputation using Prostheses. 2019.

24. KNEE EXTENSOR STRENGTH ASYMMETRY IDENTIFIED BY DIFFERENT DYNAMIC PARAMETERS. 2017.
25. ANALYSIS OF FORCE PRODUCTION RESTRICTION IMPOSED BY BOOT USE IN THE COUNTERMOVEMENT JUMP. 2017.
26. RELATIONSHIP BETWEEN MAXIMUM STRENGTH AND STRENGTH ENDURANCE IN ISOMETRIC EXERCISES WITH UPPER LIMBS. 2017.
27. ASSOCIATION BETWEEN THE TAPPING TEST AND VERTICAL JUMPS. 2017.
28. EFFECTS OF THE DURATION OF ADDITIONAL SOMATOSENSORY INFORMATION ON POSTURAL CONTROL: THE PROJECT. 2014.
29. THE INFLUENCE OF INSOLE USE ON THE ORTHOSTATIC BALANCE OF A PATIENT WITH MULTIPLE SCLEROSIS. 2014.
30. PLANTAR SOMATOSENSORY STIMULATION ASSOCIATED WITH RESISTANCE TRAINING INTERVENTION: IMPROVEMENTS OBSERVED IN THE ORTHOSTATIC BALANCE OF AN OBESE AND DIABETIC PATIENT? CASE STUDY. 2014.
31. CASE STUDY: ORTHOSTATIC BALANCE OF AN OBESE WOMAN WITH TYPE 2 DIABETES SUBMITTED TO 8 WEEKS OF RESISTANCE TRAINING. 2014.
32. EFFECT OF RESISTANCE TRAINING ON THE ORTHOSTATIC BALANCE OF A PATIENT WITH MULTIPLE SCLEROSIS - CASE STUDY. 2014.
33. EFFECTS OF BALLROOM DANCE PRACTICE ON UNIPODAL BALANCE IN ELDERLY WOMEN PARTICIPATING IN THE HEALTHY LONGEVITY PROGRAM FEF/UFMT. 2014. (*FEF: School of Physical Education / UFMT: Federal University of Mato Grosso)*
34. EFFECTS OF BALLROOM DANCE PRACTICE ON AGILITY AND LOWER LIMB MUSCLE STRENGTH IN ELDERLY WOMEN PARTICIPATING IN THE HEALTHY LONGEVITY PROGRAM FEF/UFMT. 2014.
35. IS THERE A CORRELATION BETWEEN ORTHOSTATIC BALANCE AND POSTURE IN HEARING-IMPAIRED INDIVIDUALS? THE PROJECT. 2014.
36. EFFECTIVENESS OF PROPRIOCEPTIVE INSOLES ON UNIPODAL BALANCE ON THE DOMINANT LOWER LIMB FOR SUPPORT IN HEALTHY ADULTS. 2014.
37. EFFECT OF RESISTANCE TRAINING BASED ON TYPE OF FOOTWEAR (BAREFOOT, CONVENTIONAL, PROPRIOCEPTIVE) ON THE ORTHOSTATIC BALANCE OF AN INDIVIDUAL WITH MULTIPLE SCLEROSIS. 2014.
38. EFFECTIVENESS OF PROPRIOCEPTIVE INSOLES ON UNIPODAL BALANCE ON THE NON-DOMINANT LOWER LIMB FOR SUPPORT IN HEALTHY ADULTS. 2014.
39. Proprioceptive Insole improves Unipodal Balance on the Non-Dominant Lower Limb of Healthy Adults. 2013.
40. EFFECTIVENESS OF PROPRIOCEPTIVE INSOLES ON UNIPODAL BALANCE IN YOUNG ADULTS: PRELIMINARY RESULTS. 2013.
41. Assessment of writing quality in children with and without motor difficulties. 2007.
42. Kinetic and kinematic characteristics of poor and good handwriting. 2007.
43. Are writing difficulties associated with motor difficulties? 2007.
44. Workshop: Motor Coordination and its Forms of Assessment. 2007
45. Athletics in school Physical Education classes: comparison between two studies conducted with UNESP - Rio Claro University Students. 2005. *(UNESP: São Paulo State University)*
46. II Seminar of Studies and Research in Physical Education Professional Training. 2004
47. VI Scientific Initiation Symposium. 2004
48. Conversation with those who like Athletics III. 2004

49. XXVI International Symposium on Sports Science. 2003
50. VII São Paulo State Congress on educator training: theories and practices - images and projects. 2003
51. V Scientific Initiation Symposium of the Rio Claro Campus. 2002.

PROFESSIONAL LICENSE

- **Regional Council of Physical Education (CREF 11)**
  - Mato Grosso and Mato Grosso do Sul Region
  - CREF: 003131 – G/MT
  - Status: inactive

- **Regional Council of Physical Education (CREF 1)**
  - Rio de Janeiro Region
  - CREF: RJ-058995
  - Status: inactive
  - .
- **Regional Council of Physical Education (CREF 4)**
  - São Paulo Region
  - CREF: 059159 - G/SP
  - Status: inactive

AWARDS AND HONORS

- **UNIFA PROFESSIONAL DISTINCTION 2022 – ACADEMIC**
  AIR FORCE UNIVERSITY, RIO DE JANEIRO, RIO DE JANEIRO, BRAZIL
  Institutional selection among employees with the same position.

- **AWARDS FOR THE PROJECT: Art to Humanize Traffic**
  Through a dance performance that highlighted the importance of traffic laws at no cost to public school students in the region, presented monthly in various theaters and cinemas in the area. I participated as one of the dancers in this extension project developed at UNESP during my undergraduate Physical Education studies.

  i. **QUALITY BRASIL MERCOSUL**, INTERNATIONAL QUALITY SERVICE – I.Q.S. 2003.
  ii. **TOP SOCIAL AWARD ADVB 2002**, ADVB - ASSOCIATION OF SALES AND MARKETING EXECUTIVES IN BRAZIL.
  iii. **HONORABLE MENTION - COMPANY CATEGORY**, XIII VOLVO TRAFFIC SAFETY AWARD. 2002.

PUBLISHED BOOKS

i. MATTHIESEN, S. Q. ; CALVO, A. P. ; SILVA, A. C. L. ; GEMENTE, F. R. F. . Athletics is Learned at School. **2nd ed**. Jundiaí: Fontoura, 2009. Vol. 1. 128 pages.

ii. MATTHIESEN, S. Q. ; CALVO, A. P. ; FAGANELLO, F. R. ; SILVA, A. C. L. E. . Athletics is Learned at School. **1st ed**. Jundiaí: Fontoura, 2005. Vol. 1. 128 pages.

PUBLISHED BOOK CHAPTERS

i. CALVO, ADRIANO PERCIVAL CALDERANO. Development of a Dynamic Model as an Evaluative Activity in the Kinesiology Course: Experience Report. In: Evando Carlos Moreira; Raquel Stoilov Pereira (Ed.). Good practices in professional training in physical education. 1st ed. Curitiba / PR: Appris, 2021, vol. 1, pp. 1-1.

ii. MATTHIESEN, S. Q.; CALVO, A. P.; SILVA, A. C. L. E.; FAGANELLO, F. R.. Athletics is learned at school: The UNESP/Rio Claro Teaching Center Project 2003. In: Teaching Centers of Unesp - Publication 2006 -. (Ed.). Teaching Centers of Unesp. 1st ed. São Paulo: UNESP, 2006, vol. 1, pp. 587-611.

iii. MATTHIESEN, S. Q.; CALVO, A. P. Athletics is learned at school: Pedagogical Workshops. In: Teaching Centers of Unesp (Ed.). Teaching Centers of Unesp - Publication 2006. 1st ed. São Paulo: UNESP, 2006, vol. 1, pp. 611-618.

PUBLISHED ARTICLES

Articles Accepted for Publication: English Language [2 papers]

i. CALVO, ADRIANO P. C.. Health Risk Factors and Lifestyle: a comparison between Brazilian athletes and non-athletes. BRAZILIAN JOURNAL OF PHYSICAL ACTIVITY AND HEALTH, 2025.

ii. CALVO, ADRIANO PERCIVAL CALDERARO; FILIPPO, D.. Hypobaric Hypoxia in Aircrew: a brief review on etiology, risks, and preventive exercises. UNIFA JOURNAL, 2025.

Production List in English Language [6 papers]

iii. Silva, D. R., **CALVO**, APC., ... (2024). The application of directional preference for chronic non-specific knee pain: A pragmatic, controlled, randomized clinical trial. *Journal of Bodywork and Movement Therapies*, 40, 739–746 https://doi.org/10.1016/j.jbmt.2024.05.019

iv. David, C. L., ... **CALVO**, APC. (2024). Temporomandibular Disorder and Psychological Distress Relationships in Air Traffic Controllers. *Agulhas Negras Journal*, *8* (Special Issue), 37–49. https://doi.org/10.70545/ran.v8iEspecial.12811

v. Pires Junior, P., ... **CALVO**, APC., ... (2024). Anti-G Straining Maneuver: A Narrative Review. *Agulhas Negras Journal*, 8 (Special Issue), 26–36. https://doi.org/10.70545/ran.v8iEspecial.12810

vi. Marques, ACDF., **CALVO**, APC., ... (2023). Forearm Muscle Activity and Handgrip Profile Between Physically Active and Sedentary Older Women. *Readings: Physical Education and Sports*, 28(306), 107–122. https://doi.org/10.46642/efd.v28i306.7195

vii. Cruz, LEO., **CALVO**, APC., ... (2021). Pain and Lumbar Muscle Activation before and after Functional Task in Nonspecific Chronic Low Back Pain. *International Journal of Biomedical and Biological Engineering*, 15(6), 214–218.

viii. U Ultramari, VRLM., **CALVO**, APC., ... (2020). Physical and functional aspects of persons with multiple sclerosis practicing Tai-Geiko: Randomized Trial. *Clinics, 75*, e1272. https://doi.org/10.6061/clinics/2020/e1272

Production List in Spanish Language [1 paper]

i. Salinas, JAR., ... **CALVO**, APC., ... (2024). Relationship between weight training practice and handgrip strength in brazilian jiu-jitsu athletes. *Readings: Physical Education and Sports*, *28*(309), 44–55. https://doi.org/10.46642/efd.v28i309.7178

Production List in Portuguese Language [18 papers]

i. Charleaux, V., **CALVO**, APC., ... (2024). Musculoskeletal Discomfort in Brazilian Air Force Transport Pilots. *Agulhas Negras Journal*, *8*(Special Issue), 1–13. https://doi.org/10.70545/ran.v8iEspecial.12581

ii. Marques, FGP., ... **CALVO**, APC., ... (2024). Sports practice and academic performance in high school at the Federal Institute of Mato Grosso. *Connections*, 22, e024023. https://doi.org/10.20396/conex.v22i00.8671813

iii. Arcanjo, FDS., **CALVO**, APC., ... (2024). Personality Profile and Attention of Brazilian Air Defense Operators. *Psychology and Health in Debate*, *10*(1), 41–59. https://doi.org/10.22289/2446-922X.V10N1A4

iv. Duque, E., ... **CALVO**, A. (2023). Prevalence of musculoskeletal symptoms and fatigue in t-27 flight instructors of the Brazilian Air Force and associated factors. *Journal of Physical Education*, *91*(4), 310-326. https://doi.org/10.37310/ref.v91i4.2861

v. Santos, AJD., ... **CALVO**, APC., ... (2023). Characterization of physical performance and psychophysiological demand of military personnel undergoing Special Operations courses: A descriptive study. *Journal of Physical Education, 92*(1), 42–53. https://doi.org/10.37310/ref.v92i1.2918

vi. Belo Júnior, JE., ... **CALVO**, APC., ... (2022). Time of holding strength in t-27 Tucano aircraft simulator doesn't depend on maximum manual grip strength in brazilian air force cadets. *Brazilian Journal of Development, 8*(5), 40662–40676. https://doi.org/10.34117/bjdv8n5-514

vii. Valente, JMRSDP., **CALVO**, APC., ... (2021). Analysis of contrast sensitivity in military aircrew: Exploratory Study. *Brazilian Journal of Development, 7(11), 102914–102928*. https://doi.org/10.34117/bjdv7n11-083

viii. Silva, MRDS., ... **CALVO**, APC., ... (2020). Reliability of an isometric test for measuring the strength of the hip abductors and adductors. *Bioscience Journal*, *36*(3), 1043–1050. https://doi.org/10.14393/BJ-v36n3a2020-42693

ix. Silveira Júnior, JA. da; ... **CALVO**, APC., ... (2016). Sport Readiness Questionnaire focused on Musculoskeletal Injuries. *Brazilian Journal of Sports Medicine, 22*(5), 361–367. https://doi.org/10.1590/1517-869220162205159806

x. **CALVO**, AP., ... (2014). Writing quality: intervention based on variation in finger force production. Occupational Therapy Notebooks of UFSCar *(Federal University of São Carlos),* 22(2), 317–325. https://doi.org/10.4322/cto.2014.053

xi. Ribeiro, BZ., ... **CALVO**, APC. (2013). Historical evolution of women in the Olympic Games. *Readings, Physical Education and Sports, Buenos Aires, 18*, 179.

xii. **CALVO**, AP., ... (2012). Diagnosis of the content of School Physical Education: athletics in focus. *Buenos Aires Digital Journal, 164*.

xiii. **CALVO**, AP., ... (2011). Athletics is present in school physical education classes. *Readings, Physical Education and Sports: Digital Journal, Buenos Aires, Year, 16*.

xiv. Ferreira, CED., ... **CALVO**, AP., ... (2011). Core training: its applications and effects in sports. *EFDeportes.Com – Digital Journal, 16, 163*.

xv. Kotesky, R., ... **CALVO**, AP., ... (2011). CM evaluation method: Application for sports training environments: *Readings: Physical Education and Sports, 158, 201*.

xvi. Muniz, MR., ... **CALVO**, AP., ... (2011). Stigmas of physical detraining. *Digital Journal Buenos Aires, 16*(1).

xvii. Matthiesen, SQ., **CALVO**, APC., ... (2005). Athletics is learned at school. *Motricity, 1(1), 36–47*.

EVENT ORGANIZATION

Participation in committees for event organization

i. VI Seminar on Research in Operational Human Performance. 2024.

ii. I National Defense Research Seminar: Panel – Biopsychosocial Factors on Operational Performance. 2023.

iii. III Seminar on Research in Operational Human Performance. 2021.

iv. III Workshop on Exploratory Readings in Operational Human Performance. 2021.

v. II Workshop on Exploratory Readings in Operational Human Performance. 2020.

vi. II Seminar on Research in Operational Human Development. 2020.

vii. Conversations with those who like Athletics III. 2004.

viii. VIII High School Challenge. 2003.

ix. VII University Athletics Festival: Field Events. 2003.

x. III Motriz Journal Meeting. 2003.

xi. Conversations with those who like Athletics II. 2003.

xii. I Motriz Journal Meeting. 2002.

xiii. III University Athletics Festival: Field Events. 2001.

xiv. II Mini School Olympics. 2001.

VOLUNTEER WORK

- **Associate Editor of Peer-Reviewed Scientific Journal**
  - 2023 – Present: Motriz Journal: Physical Education Journal (E-ISSN: 1980-6574)

- ***Ad hoc* Reviewer for Various Scientific Journals**
  - 2018 – 2020: BODYCONSCIOUSNESS (SÃO PAULO)
  - 2022 – 2022: UNIFA JOURNAL
  - 2023 – 2023: MEIRA MATTOS COLLECTION – MILITARY SCIENCES JOURNAL (ONLINE)
  - 2024 – 2024: BODYWORK AND MOVEMENT THERAPIES JOURNAL
  - 2024 – 2024: RETOS
  - 2024 – 2024: Agulhas Negras Journal

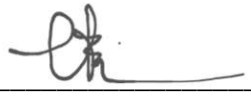
- **São Paulo State University Júlio de Mesquita Filho** (total: 236 hours)
  Institute of Biosciences of Rio Claro, Physical Education Department
  Collaborating Link (volunteering) in university extensions
    i. **04/2002 – 06/2002:** Athletics for children – Pre-sports activities; 30 hours
    ii. **03/2002 – 06/2002:** Athletics for children; 54 hours.
    iii. **08/2001 – 02/2002:** Dance; 57 hours.
    iv. **03/2001 – 12/2001:** Resistance Exercise / Weight Training; 95 hours

OTHER SKILLS

i. **Academic-scientific in Applied Biomechanics**
   i. surface electromyography,
   ii. force and balance platform,
   iii. biological data processing,
ii. **Academic-scientific in applied Biostatistical Analyses,**
iii. **Scientific in Applied Kinesiology and Physiology**
   i. sports science,
   ii. human performance,
   iii. physical education
   iv. high altitude and hypoxia

August/2025.

I, Carolina Favero da Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.


_____ Date: August 15, 2025.

ADRIANO PERCIVAL CALDERARO CALVO

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Sou Bacharel em Educação Física com Teaching License com 20 anos de experiência incluindo atuação no ensino infantil, fundamental I e II, médio, graduação e pós-graduação, e em atividades academico-científicas. Possuo expertise sobre pedagogia da motricidade, aprendizagem motora, biomecânica aplicada, fisiologia do exercício aplicada em ambiente extremo. Minha formação contempla título de mestre em ciência da motricidade, doutor em ciências (engenharia biomédica), pós-doutorado em ciência do exercício e do esporte, e estágio de professor visitante em desempenho em ambiente extremo, e sou técnico em processamento de dados. Possuo premiações oriundas de atividades culturais aplicadas com contexto pedagógico, e de destaque academico na Universidade da Força Aérea. Sou um dos autores do livro "Atlestimo se aprende na escola", publicado em duas edições, e 28 artigos publicados em periódicos revisados por pares disponibilizados eletronicamente. Além disso, desde nos últimos 15 anos orientei oito discentes em projetos de mestrado e 30 discentes em trabalhos de conclusão de curso de graduação. Minhas principais habilidades são quanto a (I) biomecânica (eletromiografia de superficie, plataforma de força, equilibrio corporal, salto vertical, processamento de dados biologicos), (ii) análises bioestatística aplicada, (iii) cinesiologia e fisiologia aplicada (ciência do esporte, performance humana, educação física, high altitude and hipóxia)

EXPERIÊNCIA

ACADEMIC POSITIONS

1. **NAVAL MEDICAL RESEARCH UNIT - NAMRU (DAYTON, OH – U.S.)** 2024 - 2025
   VISITING PROFESSOR EM EXTREME HUMAN PERFORMANCE
   - Condução de processamento de dados biológicos, condução de análises estatísticas, elaboração de relatórios, elaboração de artigos científicos

2. **COMANDO DA FORÇA AÉREA – UNIVERSIDADE DA FORÇA AÉREA** 2019 -2025
   PROFESSOR DO MAGISTÉRIO SUPERIOR
   - Professor da Pós-graduação em Desempenho Humano Operacional
     - Orientação de discentes, supervisão de pesquisas, ministrar aulas, avaliações de discentes quanto ao curso-disciplinas, organização e gerenciamento de diário de classe, assessoria científica, condução de processamento de dados biológicos, condução de análises estatísticas, elaboração de relatórios, elaboração de artigos científicos, elaboração de textos científicos, elaboração de projetos de pesquisa.
     - Total de orientações de mestrado concluídas: 8

   1. Allan Pedro Nichele. Análise do Treinamento Específico nos Sintomas da Fadiga de Voo e Dores Osteomusculares durante Estágio Básico dos Cadetes Aviadores da Academia da Força Aérea. 2022.
   2. Cristiano David Leite. Estudo da manifestação da Disfunção Temporomandibular em militares da Força Aérea Brasileira. 2021
   3. Danielle Filippo de Lemos. Desempenho de Oficiais Aviadores de Caça na Câmara Hipobárica ao Longo da Carreira: Relações com Parâmetros Antropométricos e Fisiológicos Baseado nos Arquivos do Istituto de medicina Aeroespacial. 2021.
   4. Eduardo Augusto Montenegro Duque. Efeitos de um Programa de Treinamento Funcional Militar de Alta Intensidade sobre Aptidão Física, Sintomas Osteomusculares e Sintomas relacionadas a Fadiga de Instrutor de T-27 da Academia da Força Aérea Brasileira. 2021.
   5. Adriano Joaquim dos Santos. Caracterização da Performance Física e Demanda Fisiológica de Militares Submetidos aos Cursos de Formação Operacional do Esquadrão Aeroterrestre de Salvamento. 2021.
   6. Edson Koury do Nascimento. Análise de Respostas Autonômicas Cardiovasculares de Pilotos Militares durante sequencia de Manobras Acrobáticas. 2021.
   7. Lucio Mauro Campos Silva Junior. Correlação entre Desempenho Físico Anaeróbio e Tarefas Específicas de Combate em Operadores de APHT NA FAB. 2021.

3. **UNIVERSIDADE FEDERAL DE SÃO PAULO** 2018 - 2019
   PROFESSOR DO MAGISTÉRIO SUPERIOR

- Colaborador técnico no Instituto de Ciência e Tecnologia
  - Orientação de discentes de pós-graduação, condução de processamento de dados biológicos, condução de análises estatísticas, elaboração de relatórios, elaboração de artigos científicos

.

4. **UNIVERSIDADE FEDERAL DO MATO GROSSO** 2013 - 2019

PROFESSOR DO MAGISTÉRIO SUPERIOR

- Professor da Faculdade de Educação Física
  - Orientação de discentes de graduação, ministrar aulas, avaliações de discentes quanto ao curso-disciplinas, organização e gerenciamento de diário de classe, condução de processamento de dados biológicos, condução de análises estatísticas, elaboração de relatórios.
  - Orientações de mestrado concluídas: 1

1. Fernanda Gabriella Pedroso Marques. Jogos do IFMT: Qual o desempenho escolar e as motivações para os alunos participantes?. 2019.

5. **UNIVERSIDADE DO VALE DO PARAIBA** 2009 - 2013

PROFESSOR DO MAGISTÉRIO SUPERIOR

- Professor da Faculdade de Educação e Artes
  - Orientação de discentes de graduação, ministrar aulas, avaliações de discentes quanto ao curso-disciplinas, organização e gerenciamento de diário de classe.
  - Orientações de trabalhos de conclusão de curso: 30

1. Bianca Mendes da Mota. Os benefícios do Pilates como preparação física para Bailarinos Clássicos Profissionais. 2012.
2. Camila Maringo. Compreendendo o Transtorno do Desenvolvimento da Coordenação. 2012.
3. Gabriela Marcondes. Proposta de Bateria de Testes de Avaliação Física para Detecção de Talentos para o Futsal. 2012.
4. Bruno Akira. Fiscalização das aulas de Educação Física nas Escolas perante o órgão do governo responsável: CONFEF/CREF e CNE.. 2012.
5. Giovanni Machado. Treinamento Resistido para Prevenção de Lesões na Corrida de Rua. 2012.
6. Camila Aparecida Silva. Futsal: Desenvolvimento Motor De Crianças na Educação Física Escolar. 2012.
7. Adriana Danielle da Silva. CADERNO DIDÁTICO NA EDUCAÇÃO FÍSICA ESCOLAR. 2012.
8. Edilson Rodrigues Rezende. Ginástica Geral: uma maneira de tornar as aulas de Educação Física Escolar mais atrativas.. 2012.
9. Marly Monteiro de carvalho. Ginástica Geral na Educação Física Escolar. 2012.
10. Daniela Marcia de Oliveira dos Santos. Dança para pessoas com deficiência em São José dos Campos. 2012.
11. Wallace ferreira. O estresse emocional pré-competitivo em escolares integrantes de turmas de treinamento de escolas estaduais de São josé dos Campos. 2012.
12. Lilison Silva. Desenvolvimento Motor como aliado das Abordagens Pedagógicas da Educação Física escolar. 2012.
13. Ana Carolina Medeiros de Menezes/ André Luiz Vieira. As Escolas estão se preparando para lidar com as doenças hipocinéticas?. 2011.
14. Guilherme de Andrade Bassi/Jonel Rodrigues dos Santos et al. A asma, a escola, a atividade física e a Educação Física escolar. 2011.
15. André Luiz Tristão. Jogos e Ludicidade: focalizando ações para crianças de 6 anos de idade. 2011.
16. Emerson Marinho Souza da Silva. Coordenação Motora na infância como base na formação da vida adulta. 2011.
17. Vinícius Maciel. Capacidades Físicas e Comprtamento Motor no judô e jiu-jitsu. 2010.
18. Marcio Rosa Muniz e Luiz Fernando Ferreira. Estigmas do Destreinamento Físico. 2010.
19. Daniela F. Santos; Luba D. F. Santos; Silvana de S. Pereira. Métodos e Técnicas de Treinamento para os Glúteos. 2010.
20. Rodney Kotesky; Aridmir L. Oliveira; e Ronaldo M. da Fonseca. Análise do Centro de Massa de Atletas durante o ataque no Voleibol. 2010.
21. Luis Otávio Guerra Sanches; e Samuel Pompeo Lima. Lesões nos praticantes de rodeio: incidência de acometimentos em peões de touro. 2010.
22. Aline Blanque; Pâmela R. dos Santos; Fernanda C. Fratus. Consciencia Corporal. 2010.
23. Saulo R. F. Lopes; Jander V. M. Lazaroni; Flávio G. Nunes. Métodos e Programas de Treinamento para Idosos. 2010
24. Nathalie Isaura Ramos; Luiza Viola Romani. Estudo comparativo de força de preensão manual entre atletas de handebol e não atletas. 2010.
25. Fernanda Rodrigues de Almeida; Juliana Apda. de Vilas Boas. Lesão do Ligamento Cruzado Anterior: importância do treinamento resistido pré-cirurgicamente. 2010.

26. Mariana Angélica de S. Campos; Halana Ferraz Santos. Estresse decorrente do treinamento em crianças judocas. 2010.
27. Germano de Souza; Carlos Eduardo Dias Ferreira. Core Training: uma nova forma de fortalecimento para a melhoria de desempenho e qualidade de vida. 2010.
28. Elisandra Martins Maioli;Fernanda Rodrigues Pereira de Souza. Índice de lesões em professores de ginástica que atuam em academias. 2010.
29. Vicente Antonio de Faria Junior. Jogador de futebol: sonho e realidade. 2010.
30. Valdemar de Araújo; Weyllon R. Duarte; e Julio C. de Almeida. O passe de Futebol para crianças entre 11 e 12 anos. 2010.

MEMBER OF EDITORIAL BOARD

6. MOTRIZ – REVISTA DE EDUCAÇÃO FÍSICA (E-ISSN: 1980-6574) 2023 - PRESENTE
   EDITOR ASSOCIADO

OTHER POSITIONS

7. SECRETARIA DE EDUCAÇÃO DO ESTADO DE SÃO PAULO 2006 - 2011
   PROFESSOR DO ENSINO BÁSICO
   - Ministrar aulas de educação física escolar, avaliações de discentes quanto ao curso-disciplinas, organização e gerenciamento de diário de classe

8. EXÉRCITO BRASILEIRO 1998 – 1998
   SOLDADE DE SEGUNDA CLASSE

EDUCAÇÃO

POS DOUTORADO EM CIÊNCIA DO EXERCÍCIO E ESPORTE [CAPES 4.0]
UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO (UERJ)
RIO DE JANEIRO, RJ, BRASIL
2021 – 2022

DOUTORADO EM CIÊNCIAS (ÁREA ENGENHARIA BIOMÉDICA) – [CAPES/MEC: 5.0]
FACULDADE DE ENGENHARIA DE GUARATINGUETÁ
UNIVERSIDADE ESTADUAL PAULISTA JULIO DE MESQUITA FILHO
GUARATINGUETÁ, SP, BRASIL
2011-2015

MESTRADO EM CIÊNCIAS DA MOTRICIDADE HUMANA [CAPES/MEC: 5.0]
UNIVERSIDADE ESTADUAL PAULISTA JULIO DE MESQUITA FILHO
RIO CLARO, SP, BRASIL
2005-2007

LICENCIATURA EM EDUCAÇÃO FÍSICA [ENADE/MEC: 5.0; CC/MEC: 4.0]
EQUIVALÊNCIA: BACHAREL IN PHYSICAL EDUCATION WITH TEACHING LICENSE
UNIVERSIDADE ESTADUAL PAULISTA JULIO DE MESQUITA FILHO
RIO CLARO, SP, BRASIL
2001-2005

TÉCNICO EM PROCESSAMENTO DE DADOS
ESCOLA MARIA RIBEIRO RIBEIRO DAHER
JACAREÍ, SP, BRASIL
DEZEMBRO/1996

PRINCIPAIS CURSOS / SEMINÁRIOS

- **PALESTRANTE**

1. **I SEMINÁRIO DE PESQUISA EM DEFESA NACIONAL** (RIO DE JANEIRO) 11/2023.Título: Disturbio Temporomandibular em Controladores de Tráfego Aéreo: prevalência e efeitos

- **APRESENTAÇÃO DE ESTUDOS EM EVENTOS CIENTÍFICOS**

1. Incidência de Simulator Sickness nos Cadetes Aviadores Brasileiros utilizando Treinadores de Voo: resultados preliminares. 2024.
2. PREVALÊNCIA DE SINTOMAS MUSCULOESQUELÉTICOS EM CADETES AVIADORES E SUAS IMPLICAÇÕES. 2023.
3. RELAÇÃO ENTRE O DESEMPENHO NA PISTA DE CIRCUITO TÁTICO E CAPACIDADES FÍSICA EM OPERADORES DE ATENDIMENTO PRÉ-HOSPITALAR TÁTICO DA FORÇA AÉREA BRASILEIRA. 2023.
4. CARACTERIZAÇÃO DA DEMANDA FISIOLÓGICA DO CURSO DE COMANDOS DA FORÇA AÉREA BRASILEIRA. 2023.
5. Prevalência de Fadiga em Cadetes Mulheres da Academia da Força Aérea e suas relações com o Desempenho no Teste de Aptidão e Condicionamento Físico. 2023.
6. Tolerância à Hipóxia Hipobárica de Aeronavegantes: exposição sucessiva. 2023.
7. Metabolic adaptations in Brazilian jet pilots. 2023.
8. Análise Qualitativa de EMG do Gastrocnêmio durante a AGSM. 2023.
9. Aspectos Ergonômicos na Cabine do C-105 na presença da Mala de Voo Eletrônica. 2023.
10. Efeito da Fadiga sobre Desempenho Físico de Cadetes Homens da Academia da Força Aérea. 2023.
11. Distúrbio Temporomandibular, Sofrimento Psicológico e Músculos Mastigatórios de Controladores de Tráfego Aéreo: análises eletromiográficas. 2023.
12. ANÁLISE DO SINAL DE EMG DO GASTROCNÊMIO DURANTE DUAS SESSÕES DE 30S DE AGSM. 2022.
13. Eletromiografia de músculos faciais de Controladores Militares de Tráfego Aéreo (ATCO) da Força Aérea Brasileira durante exercícios em simulador. 2021.
14. Estudo da manifestação da disfunção temporomandibular em militares da Força Aérea Brasileira. 2021.
15. Fadiga muscular funcional de cadetes em simulador de forças da aeronave T-27 Tucano. 2021.
16. Leituras Exploratórias sobre Desempenho Operacional de Aeronavegantes submetidos a treinamentos sucessivos em Hipóxia. 2021. (Apresentação de Trabalho/Outra).
17. Predição da Dor Lombar de Pilotos de Helicóptero da Força Aérea Brasileira por meio da Resistência Muscular Isométrica da Região Lombopélvica. 2021.
18. The Effect of Specific Physical Training on Musculoskeletal Symptoms and Fatigue Among Brazilian T-27 Fligth Instructors. 2021. (Apresentação de Trabalho/Simpósio).
19. Lumbopelvic muscle endurance asymmetry predicts low back pain intensity in Helicopter Pilots from Brazilian Air Force.?. 2021.
20. PERFIL OCUPACIONAL DO LOCADOR DE DEFESA ANTIAÉREA DA FORÇA AÉREA BRASILEIRA. 2021.
21. Estudo da manifestação da disfunção temporomandibular em militares da Força Aérea Brasileira 2020.
22. TRÊS SESSÕES DE EXERCÍCIOS FÍSICOS SEMANAIS: COMPARAÇÃO DA COMPOSIÇÃO CORPORAL E DA TAXA DE METABOLISMO BASAL ENTRE IDOSOS EM FUN ÇÃO DA PRÁTICA FÍSICA. 2019.
23. PEREIRA, C. H. C. N. ; CALVO, ADRIANO PERCIVAL CALDERARO ; URBAN, M. F. R. ; PROCOPIO, L. ; ZANGARO, R. ; CARVALHO, R. A. . O Equilíbrio Dinámico y Actividad Muscular de individuos con Amputación de Miembro Inferior que usan Prótesis. 2019.

24. ASSIMETRIA DE FORÇA DE EXTENSORES DE JOELHO IDENTIFICADA POR DIFERENTES PARÂMETROS DINÂMICOS. 2017.
25. ANÁLISE DA RESTRIÇÃO DE PRODUÇÃO DE FORÇA IMPOSTA PELO USO DO COTURNO NO SALTO COM CONTRAMOVIMENTO. 2017.
26. RELAÇÃO ENTRE FORÇA MÁXIMA E RESISTÊNCIA DE FORÇA EM EXERCÍCIOS ISOMÉTRICOS COM MEMBROS SUPERIORES. 2017.
27. ASSOCIAÇÃO ENTRE TAPPING TEST E SALTOS VERTICAIS. 2017.
28. EFEITOS DO TEMPO DE PERMANÊNCIA DE INFORMAÇÃO SOMATOSSENSORIAL ADICIONAL NO CONTROLE POSTURAL: O PROJETO. 2014.
29. A INFLUÊNCIA DA UTILIZAÇÃO DE PALMILHA NO EQUILÍBRIO ORTOSTÁTICO DE UM PACIENTE COM ESCLEROSE MÚLTIPLA. 2014.
30. ESTIMULAÇÃO SOMATOSSENSORIAL PLANTAR ASSOCIADAS A INTERVENÇÃO COM TREINAMENTO RESISTIDO: MELHORIAS OBSERVADAS NO EQUILÍBRIO ORTOESTÁTICO DE UMA PACIENTE OBESA E DIABÉTICA ? ESTUDO DE CASO. 2014.
31. ESTUDO DE CASO: EQUILÍBRIO ORTOSTÁTICO DE MULHER OBESA E DIABÉTICA TIPO 2 SUBMETIDA A 8 SEMANA DE TREINAMENTO RESISTIDO. 2014.
32. EFEITO DO TREINAMENTO RESISTIDO NO EQUILÍBRIO ORTOSTÁTICO DE UM PACIENTE COM ESCLEROSE MÚLTIPLA - ESTUDO DE CASO. 2014.
33. EFEITOS DA PRÁTICA DA DANÇA DE SALÃO NO EQUILÍBRIO UNIPODAL EM IDOSAS PARTICIPANTES DO PROGRAMA LONGEVIDADE SAUDÁVEL FEF/UFMT. 2014.
34. EFEITOS DA PRÁTICA DE DANÇA DE SALÃO NA AGILIDADE E NA FORÇA MUSCULAR DE MEMBROS INFERIORES DE IDOSAS PRATICANTES DO PROGRAMA LONGEVIDADE SAUDAVEL FEF/UFMT. 2014.
35. HÁ CORRELAÇÃO ENTRE EQUILÍBRIO ORTOSTÁTICO E A POSTURA DO DEFICIENTE AUDITIVO? O PROJETO. 2014.
36. EFETIVIDADE DE PALMILHA PROPRIOCEPTIVA NO EQUILÍBRIO UNIPODAL SOBRE MEMBRO INFERIOR DOMINANTE PARA SUPORTE DE ADULTOS SAUDÁVEIS. 2014.
37. EFEITO DO TREINAMENTO RESISTIDO EM FUNÇÃO DO TIPO DE CALÇADO (DESCALÇO, CONVENCIONAL, PROPRIOCEPTIVO) NO EQUILÍBRIO ORTOSTÁTICO DE UM INDIVÍDUO COM ESCLEROSE MÚLTIPLA. 2014.
38. EFETIVIDADE DE PALMILHA PROPRIOCEPTIVA NO EQUILÍBRIO UNIPODAL SOBRE MEMBRO INFERIOR NÃO-DOMINANTE PARA SUSTENTAÇÃO DE ADULTOS SAUDÁVEIS. 2014.
39. Palmilha Proprioceptiva melhora o Equilíbrio Unipodal sobre Membro Inferior Não-dominante de Adultos Saudáveis. 2013.
40. EFETIVIDADE DE PALMILHA PROPRIOCEPTIVA NO EQUILÍBRIO UNIPODAL DE JOVENS ADULTOS: RESULTADOS PRELIMINARES. 2013.
41. Avaliação da qualidade da escrita de crianças com e sem dificuldades motoras. 2007.
42. Kinetic and kinematic characteristics of poor and good handwriting. 2007.
43. Estariam as dificuldades da escrita associadas às dificuldades motoras?. 2007.
44. Worhshop: Coordenação Motora e suas Formas de Avaliação. 2007
45. Atletismo nas aulas de Educação Física Escolar: comparação entre dois estudos realizados com universitários da UNESP - Rio Claro. 2005.
46. II Seminário de Estudos e Pesquisas em Formação Profissional da Educação Física. 2004.
47. VI Simpósio de Iniciação Científica. 2004.
48. Conversa com quem gosta de Atletismo III. 2004.

49. XXVI Simpósio Internacional de Ciências do Esporte. 2003.

50. VII Congresso Estadual Paulista sobre formação de educadores: teorias e práticas - imagens e projetos. 2003.

51. V Simpósio de Iniciação Cinetífica do Campus de Rio Claro. 2002.

LICENÇA PROFISSIONAL

- **Conselho Regional de Educação Física (CREF 11)**
  - Regional de Mato Grosso e Mato Grosso do Sul
  - CREF: 003131 – G/MT
  - Situação: inativo

- **Conselho Regional de Educação Física (CREF 1)**
  - Regional do Rio de Janeiro
  - CREF: RJ-058995
  - Situação: inativo
  - .
- **Conselho Regional de Educação Física (CREF 4)**
  - Regional de São Paulo
  - CREF: 059159 - G/SP
  - Situação: inativo

PRÊMIOS E HONRARIAS

- **DESTAQUE PROFISSIONAL UNIFA 2022 – ACADÊMICO**
  UNIVERSIDADE DA FORÇA AÉREA, RIO DE JANEIRO, RJ, BRASIL
  Seleção insitucional entre funcionários com mesmo cargo.

- **PREMIAÇÕES DO PROJETO: Arte para Humanizar o Trânsito**
  Por meio de um espetáculo de dança que explorava a importância das leis de transito sem custos para escolares de escolas publicas da região que foi apresentado mensalmente em diferentes teatros e cinemas da região. Eu atuei como um dos dançarinos do projeto de extensão desenvolvido na UNESP no meu período de graduação em Educação Física.

  i. **QUALITY BRASIL MERCOSUL**, INTERNACIONAL QUALITY SERVICE – I.Q.S. 2003.
  ii. **PREMIO TOP SOCIAL ADVB 2002**, ADVB - ASSOCIAÇÃO DOS DIRIGENTES DE VENDAS E MARKETING NO BRASIL.
  iii. **MENÇÃO HONROSA - CATEGORIA EMPRESA,** XIII PRÊMIO VOLVO DE SEGURANÇA NO TRÂNSITO. 2002.

LIVROS PUBLICADOS

i. MATTHIESEN, S. Q. ; CALVO, A. P. ; SILVA, A. C. L. ; GEMENTE, F. R. F. . Atletismo se aprende na escola. **2ª. ed.** Jundiaí: Fontoura, 2009. v. 1. 128p.

ii. MATTHIESEN, S. Q. ; CALVO, A. P. ; FAGANELLO, F. R. ; SILVA, A. C. L. E. . Atletismo se aprende na escola. **1ª. ed**. Jundiaí: Fontoura, 2005. v. 1. 128p.

CAPITULOS DE LIVROS PUBLICADOS

i. CALVO, ADRIANO PERCIVAL CALDERANO. Elaboração de Maquete Dinâmica como Atividade Avaliativa na Disciplina de Cinesiologia: relato de experiência. In: Evando Carlos Moreira; Raquel Stoilov Pereira. (Org.). Boas práticas na formação profissional em educação física. 1ed.Curitiba / PR: Appris, 2021, v. 1, p. 1-1.

ii. MATTHIESEN, S. Q. ; CALVO, A. P. ; SILVA, A. C. L. E. ; FAGANELLO, F. R. . Atletismo se aprende na escola: o Projeto do Núcleo de Ensino da UNESP/Rio Claro 2003.. In: Núcleos de Ensino da Unesp - Publicação 2006 -. (Org.). Núcleo de Ensino da UNESP. 1ed.São Paulo: UNESP, 2006, v. 1ª, p. 587-611.

iii. MATTHIESEN, S. Q. ; CALVO, A. P. . Atletismo se aprende na escola: Oficinas Pedagógicas. In: Núcleo de Ensino da Unesp. (Org.). Núcleos de Ensino da Unesp - Publicação 2006.. 1ed.São Paulo: UNESP, 2006, v. 1, p. 611-618.

ARTIGOS PUBLICADOS

Artigos aceitos para publicação: English Language [2 papers]

i. CALVO, ADRIANO P. C.. Health Risk Factors and Lifestyle: a comparison between Brazilian athletes and non-athletes. REVISTA BRASILEIRA DE ATIVIDADE FÍSICA E SAÚDE, 2025.

ii. CALVO, ADRIANO PERCIVAL CALDERARO; FILIPPO, D. . Hypobaric Hypoxia in Aircrew: a brief review on etiology, risks, and preventive exercises. REVISTA DA UNIFA, 2025.

Production List in English Language [6 papers]

iii. Silva, D. R., **CALVO**, APC., ... (2024). The application of directional preference for chronic non-specific knee pain: A pragmatic, controlled, randomized clinical trial. *Journal of Bodywork and Movement Therapies*, *40*, 739–746. https://doi.org/10.1016/j.jbmt.2024.05.019

iv. David, C. L., ... **CALVO**, APC. (2024). Temporomandibular Disorder and Psychological Distress Relationships in Air Traffic Controllers. *Revista Agulhas Negras*, *8* (Especial), 37–49. https://doi.org/10.70545/ran.v8iEspecial.12811

v. Pires Junior, P., ... **CALVO**, APC., ... (2024). Anti-G Straining Maneuver: A narrative review. *Revista Agulhas Negras*, *8*(Especial), 26–36. https://doi.org/10.70545/ran.v8iEspecial.12810

vi. Marques, ACDF, **CALVO**, APC, ... (2023). Forearm Muscle Activity and Handgrip Profile Between Physically Active and Sedentary Older Women. *Lecturas: Educación Física y Deportes*, *28*(306), 107–122. https://doi.org/10.46642/efd.v28i306.7195

vii. Cruz, LEO, **CALVO**, APC, ... (2021). Pain and Lumbar Muscle Activation before and after Functional Task in Nonspecific Chronic Low Back Pain. *International Journal of Biomedical and Biological Engineering*, *15*(6), 214–218.

viii. Ultramari, VRLM, **CALVO**, APC, ... (2020). Physical and functional aspects of persons with multiple sclerosis practicing Tai-Geiko: Randomized trial. *Clinics*, *75*, e1272. https://doi.org/10.6061/clinics/2020/e1272

Production List in Spanish Language [1 paper]

i. Salinas, JAR.,... **CALVO**, APC, ... (2024). Relación entre práctica de musculación y fuerza de prensión manual de atletas de jiu-jitsu brasileño. *Lecturas: Educación Física y Deportes*, *28*(309), 44–55. https://doi.org/10.46642/efd.v28i309.7178

Production List in Portuguese Language [18 papers]

i. Charleaux, V., **CALVO**, APC, ... (2024). Desconforto Musculoesquelético em Pilotos de Transporte da Força Aérea Brasileira. *Revista Agulhas Negras*, *8*(Especial), 1–13. https://doi.org/10.70545/ran.v8iEspecial.12581

ii. Marques, FGP, ... **CALVO**, APC, ... (2024). Prática esportiva e desempenho acadêmico no ensino médio do Instituto Federal de Mato Grosso. *Conexões*, *22*, e024023. https://doi.org/10.20396/conex.v22i00.8671813

iii. Arcanjo, FDS., **CALVO**, APC, ... (2024). Perfil de Personalidade e Atenção de Locadores da Defesa Antiaérea Brasileira. *Psicologia e Saúde em Debate*, *10*(1), 41–59. https://doi.org/10.22289/2446-922X.V10N1A4

iv. Duque, E., ... **CALVO**, A. (2023). Prevalência de sintomas musculoesqueléticos e fadiga em pilotos instrutores de T-27 da Força Aérea Brasileira e fatores associados. *Revista de Educação Física / Journal of Physical Education*, *91*(4), 310–326. https://doi.org/10.37310/ref.v91i4.2861

v. Santos, AJD, ... **CALVO**, APC, ...(2023). Caracterização de desempenho físico e demanda psicofisiológica de militares submetidos a cursos de Operações Especiais: Um estudo descritivo. *Revista de Educação Física / Journal of Physical Education*, *92*(1), 42–53. https://doi.org/10.37310/ref.v92i1.2918

vi. Belo Júnior, JE., ... **CALVO**, APC, ... (2022). Time of holding strength in T-27 Tucano aircraft simulator doesn't depend maximum manual grip strength in brazilian air force cadets. *Brazilian Journal of Development*, *8*(5), 40662–40676. https://doi.org/10.34117/bjdv8n5-514

vii. Valente, JMRSDP, **CALVO**, APC, ... (2021). Analysis of contrast sensitivity in military aircrew: Exploratory study. *Brazilian Journal of Development*, *7*(11), 102914–102928. https://doi.org/10.34117/bjdv7n11-083

viii. Silva, MRDS., ... **CALVO**, APC, ... (2020). Reliability of an isometric test for measuring the strength of the hip abductors and adductors. *Bioscience Journal*, *36*(3), 1043–1050. https://doi.org/10.14393/BJ-v36n3a2020-42693

ix. Silveira Júnior, JA da; ... **CALVO**, APC, ... (2016). Sport Readiness Questionnaire focused on Musculoskeletal Injuries. *Brazilian Journal of Sports Medicine*, *22*(5), 361–367. https://doi.org/10.1590/1517-869220162205159806

x. **CALVO,** AP, ... (2014). Qualidade da escrita: Intervenção baseada na variação da produção de força dos dedos. Cadernos de Terapia Ocupacional Da UFSCar, 22(2), 317–325. https://doi.org/10.4322/cto.2014.053

xi. Ribeiro, BZ., ... **CALVO**, APC (2013). Evolução histórica das mulheres nos Jogos Olímpicos. *Lecturas, Educación Física y Deportes, Buenos Aires*, *18*, 179.

xii. **CALVO** AP., ... (2012). Diagnóstico do conteúdo da Educação Física Escolar: O atletismo em foco. *Revista Digital Buenos Aires*, *164*.

xiii. **CALVO**, AP, ... (2011). O atletismo está presente nas aulas de educação física escolar. *Lecturas, Educación Física y Deportes: Revista Digital, Buenos Aires, Ano*, *16*.

xiv. Ferreira, CED., ... **CALVO**, AP ... (2011). Core training: Suas aplicações e seus efeitos nos esportes. *EFDeportes. Com–Revista Digital*, *16*, 163.

xv. Kotesky, R., ... **CALVO**, AP .... (2011). Método de avaliação do CM: Aplicação destinada à ambientes de treinamento desportivo. *Lecturas: Educación Física y Deportes*, *158*, 201.

xvi. Muniz, MR, ... **CALVO**, AP, ... (2011). Estigmas do destreinamento físico. *Rev. Digit. Buenos Aires*, *16*(1).

xvii. Matthiesen, SQ., **CALVO**, APC., ... (2005). Atletismo se aprende na escola. *Motricidade*, *1*(1), 36–47.

ORGANIZAÇÃO DE EVENTOS

Integração de comissões para organização de eventos

i. VI Seminário de Pesquisas em Desempenho Humano Operacional. 2024..

ii. I Seminário de Pesquisa em Defesa Nacional: Painel - Fatores biopsicossociais sobre o desempenho operacional. 2023.

iii. III Seminário de Pesquisas em Desempenho Humano Operacional. 2021.

iv. III Workshop de Leituras Exploratórias em Desempenho Humano Operacional. 2021.

v. II Workshop de Leituras Exploratórias em Desempenho Humano Operacional. 2020.

vi. II Seminário de Pesquisas em Desenvolvimento Humano Operacional. 2020.

vii. Conversas com quem gosta de Atletismo III. 2004.

viii. VIII Gincana do Ensino Médio. 2003.

ix. VII Festival Universitário de Atletismo: Provas de Campo. 2003.

x. III Encontro Revista Motriz. 2003.

xi. Conversas com quem gosta de Atletismo II. 2003.

xii. I Encontro da Revista Motriz. 2002.

xiii. III Festival Universitário de Atletismo: Provas de campo. 2001.

xiv. II Mini Olimpiada Escolar. 2001.

TRABALHO VOLUNTÁRIO

- **Editor Associado de Periódico Científico Revisado por Pares**
  - 2023 – atualidade: Revista Motriz: Revista de Educação Física - (E-ISSN: 1980-6574)

- **Revisor *ad hoc* em Periódicos científicos diversos**
  - 2018 – 2020: CORPOCONSCIÊNCIA (SÃO PAULO)
  - 2022 – 2022: REVISTA DA UNIFA
  - 2023 – 2023: COLEÇÃO MEIRA MATTOS - REVISTA DAS CIÊNCIAS MILITARES (ONLINE)
  - 2024 – 2024: JOURNAL OF BODYWORK AND MOVEMENT THERAPIES
  - 2024 – 2024: RETOS
  - 2024 – 2024: Revista Agulhas Negras

- **Universidade Estadual Paulista Júlio de Mesquista Filho** (total: 236 horas)
  Instituto de Biociências de Rio Claro, Departamento de Educação Física
  Vínculo Colaborador (voluntariado) de extensões universitárias
    i. **04/2002 – 06/2002:** Atletismo para crianças - Atividades pré-desportivas; 30 horas
    ii. **03/2002 – 06/2002:** Atletismo para crianças; 54 horas.
    iii. **08/2001 – 02/2002:** Dança; 57 horas.
    iv. **03/2001 – 12/2001:** Exercício Resistido / Musculação; 95 horas

OUTRAS HABILIDADES

i. Acadêmico-científica em Biomecânica aplicada
   i. eletromiografia de superficie,
   ii. plataforma de força e equilibrio,
   iii. processamento de dados biologicos,

ii. Acadêmico-científica em Análises bioestatística aplicadas,

iii. Científica em Cinesiologia e Fisiologia aplicadas
   i. ciência do esporte,
   ii. performance humana,
   iii. educação física,
   iv. high altitude and hipóxia

Agosto 2025.

Thursday, March 6, 2025

Personal Statement Adriano Percival Calderaro Calvo

To the United States Citizenship and Immigration Services - USCIS

Dear Immigration Officer,

Since pre-adolescence through adulthood, I have been involved in physical activities, which motivated me to pursue my Bachelor's Degree in Physical Education, with a Teaching License, from the São Paulo State University (UNESP) - Rio Claro, São Paulo. During my undergraduate studies, I participated in volunteer community service and scientific initiation activities, highlighting my involvement in the Pedagogical Studies and Athletics Research Group (GEPPA) and in the project "Art to Humanize Traffic " in partnership with UNESP's Éxciton Dance Company.

My participation in GEPPA resulted in the creation of educational materials on athletics in schools, four scientific articles (one of which has over 100 citations on Google Scholar), several scientific paper abstracts presented at events with state, national, and international reach; and the development of a book titled "*Athletics Is Learned at School*" published in two editions.

I also led important projects such as the "*School Project: Art to Humanize Traffic*" by the Éxciton Dance Company, developed in partnership with the Intervias Highway Concessionaire. The project consisted of a dance performance aimed at children, with choreographies that playfully explored themes related to the importance of obeying traffic laws. This project received three awards: the "Motiva Social Responsibility Award" in 2004; the "Quality Brazil Mercosur" Award in 2003; and the "Top Social Award from the Brazilian Association of Sales and Marketing Executives" in 2002; as well as an honorable mention in the "XIII Volvo Traffic Safety Award" in 2002.

During my undergraduate studies, I gradually developed a strong interest in the field of Motor Behavior (i.e., human movement behavior), particularly in children with Developmental Coordination Disorder. I then planned to pursue a graduate degree at the master's level and became deeply engaged in research on this topic at LABORDAM (Laboratory of Motor Development and Learning). This led to my Master's Thesis titled "*Graphic and Writing Production: Focusing on Manual Force Production*," in which I conducted on-site research exploring how manual coordination exercises positively influenced the handwriting of early childhood students. This research resulted in two original scientific articles published in education and physical education journals, in addition to implementing its practical results during the period I was a full-time teacher in the public basic education network in the State of São Paulo, disseminating and pedagogically discussing the topic with all school professionals, regarding new ways to meet the motor needs of students who had this disorder.

In 2011, I began my doctoral studies in the field of Biomechanics, earning the title of Doctor of Science (Biomedical Engineering). This enabled me to acquire skills in evaluating: human movement kinetics (force and torque measurements), electrophysiological activity of muscles (muscle contraction measurements), human movement kinematics (spatiotemporal measurements), and human body vibration (impact measurements). I also developed competencies in statistical testing relevant to the field (biostatistics) and computer programming (developing algorithms to process biological data), a skill set that complemented my technical background in data processing. As a result, I developed a doctoral dissertation that evaluated human movement behavior using biomechanical tools, titled "*Acute*

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Effects on Kinetic Parameters and Static Dynamic Tasks Due to the Use of Proprioceptive Insoles". In this dissertation, I found that an insole with a wavy surface improves both static and dynamic balance in healthy adults.

In 2013, I began my career as an Assistant Professor at the Physical Education School of the Federal University of Mato Grosso, where I contributed my expertise in motor assessment and biostatistics to scientific studies involving diverse populations (i.e., healthy individuals, athletes, people with multiple sclerosis, lower-limb amputees, and both active and sedentary elderly individuals) and a range of topics (i.e., physical therapy interventions and the effects of physical activity on musculoskeletal pain, balance, physical condition, and hand strength; monitoring of paravertebral muscle activity; musculoskeletal risk screening; and academic and athletic performance). These studies were conducted within prominent research groups in the field: the Center for Physical Activity, Informatics, Metabolism, Sports, and Health (MT), and the PENSARE group (MS). The 11 studies resulting from these scientific collaborations have been widely cited, highlighting their relevance to the scientific community, and additional publications are currently in progress. At this university, I was promoted to the position of Associate Professor in 2015.

Subsequently, in 2019, I accepted an invitation from the Brazilian Air Force University (UNIFA) to join the faculty of the Professional Master's Program in Operational Human Performance. My academic expertise in applied biomechanics attracted the interest of the program developers, who were seeking a faculty member with my professional background. Since then, I have conducted studies on physical performance and human factors of Brazilian Air Force personnel in extreme environments. Additionally, in partnership with professors from the master's program and Air Force medical professionals, I have led research on human physiology under adverse conditions and I have made significant contributions to six academic master's theses, resulting in the publication of 11 scientific articles in national and international journals specialized in the field. Since 2021, I have held the position of Associate Professor at UNIFA.

Simultaneously with my role as Professor at UNIFA, in 2022, I completed a postdoctoral fellowship in Exercise and Sports Science at the State University of Rio de Janeiro (UERJ), expanding my expertise in integrative scientific research. During this opportunity, I acquired more advanced skills to conduct scientific investigations using combined experiments of physiological and biomechanical assessments, which provide a better understanding of human motor skills and the physiology of Brazilian Air Force aviators under hostile environmental conditions. Additionally, I was invited to provide scientific advisory support to the Research, Development, and Innovation Section (SDPI) of the Aerospace Medicine Institute of the Brazilian Air Force (IMAE), an institute that manages the physiological training of military aircrew in extreme environments. This partnership has resulted in further scientific studies on muscular resistance to gravitational forces, safety in hypoxia simulation, and spatial disorientation following flight simulation, significantly contributing to the Brazilian Air Force.

Furthermore, in 2023, I was invited by the prestigious and traditional scientific journal in the field of Physical Education, "Motriz Magazine", to join its board of associate editors, where I have been continuously developing my skills in editing scientific articles in the field, which has provided me with significant professional growth.

Finally, in 2024, I completed an academic-scientific internship as a visiting professor at the Naval Aerospace Medical Research Unit (Dayton, Ohio, USA), where I had excellent opportunities to deepen my understanding of the effects of hostile environments on human performance, particularly benefiting from the advanced technology available at this institution.

Throughout this professional-academic journey, I supervised 30 undergraduate thesis projects in Physical Education and 8 master's final thesis. I produced 29 scientific articles and co-authored one book, which have been referenced by the academic community and have received more than 200

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citations on Google Scholar during this period. In addition, I have served as a reviewer for scientific journals in the field, presented scientific papers at conferences, and participated as a member of examination committees for undergraduate theses, master's theses and doctoral dissertations, and higher education teaching positions.

In summary, my academic trajectory includes a technical course, a bachelor's degree in Physical Education with a teaching license, a master's degree, and a doctorate, enabling me to work professionally for six years as a tenured basic education teacher in the state public school system, 12 years as a tenured higher education professor in the federal education system, currently holding the position of Associate Professor, one year of postdoctoral fellowship, one year of academic visiting professor internship abroad, and 18 months as an Associate Editor of a scientific journal in the field. My area of specialization integrates pedagogy, motor behavior, biomechanics, and physiology, with a focus on extreme environments. The professional skills I developed, especially at the Aerospace Medicine Institute of the Brazilian Air Force (FAB) and at the Navy's Naval Aerospace Medical Research Unit (NAMRU) in the USA, have contributed valuably to the scientific-academic community in the United States. My translational expertise bridging motor skills and mechanical sciences within Biomedical Engineering is both rare and promising.

With my experience, I can make significant contributions to pedagogical activities and research in universities and institutions in the USA, promoting advances in understanding the effects of hostile environments on human performance. My ability to develop integrative studies with diverse populations will allow me to address crucial issues in public health and physical performance, benefiting the American society.

Additionally, my ability to collaborate with professionals from diverse fields and adapt to institutional and environmental needs characterizes me as a valuable member of research teams. I am confident that my academic-scientific profile and professional maturity are of interest to the USA, and I am willing to continue investing in my professional development, ensuring that my contributions are always innovative and relevant to that country.

Sincerely,

Adriano Percival Calderaro Calvo
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Phone: +55 (12) 98858-5760
Email: pcdez@yahoo.com.br

I, Carolina Favero da Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.



_____ Date: June 05, 2025.

Thursday, March 6, 2025

RE: Personal Statement Adriano Percival Calderaro Calvo

To the United States Citizenship and Immigration Services - USCIS

Dear Immigration Officer,

Desde a pré-adolescência até a vida adulta, estive envolvido com práticas físicas, o que me motivou a buscar meu Bacharelado em Educação Física, com Licença para Lecionar, pela Universidade Estadual Paulista (UNESP) - Rio Claro, São Paulo. Durante a graduação, participei de atividades voluntárias de atendimento à comunidade e iniciação científica, destacando meu envolvimento no Grupo de Estudos Pedagógicos e Pesquisa em Atletismo (GEPPA) e no projeto "Arte para Humanizar o Trânsito" em parceria com a Companhia Éxciton de Dança da UNESP.

Minha participação no GEPPA resultou na criação de material didático sobre atletismo na escola, quatro artigos científicos (um deles com mais de 100 citações no Google Scholar), diversos resumos de trabalho científicos apresentados em eventos com alcance estaduais, nacionais e internacionais; e elaboração de um livro intitulado "*Atletismo se Aprende na Escola*", em duas edições.

Estive também a frente de importantes projetos como o "*Projeto Escola: Arte para humanizar o trânsito*", da Cia Éxciton de Dança, desenvolvido em parceria com a Concessionária de Rodovias Intervias, que consistiu em um espetáculo de dança direcionado para o público infantil com coreografias que exploraram de forma lúdica temas relacionados a importância da obediência às leis de trânsito. Este projeto recebeu três premiações: o prêmio "Motiva de Responsabilidade Social", de 2004; o prêmio "Quality Brasil Mercosul", de 2003; e o prêmio "Top Social da Associação de Dirigentes de Vendas e Marketing do Brasil" de 2002; e uma menção honrosa no "XIII Prêmio Volvo de Segurança no Trânsito" de 2002.

Durante a graduação, fui paulatinamente ganhando interesse pela área de Comportamento Motor (i.e.comportamento do movimento humano), especialmente por crianças que possuem Transtorno de Desenvolvimento da Coordenação. Então, planejei ingresso na pós-graduação em nível de mestrado e me engajei profundamente em pesquisas sobre este tema no LABORDAM (Laboratório de Desenvolvimento e Aprendizagem Motora) e que resultou na dissertação "*A Produção Gráfica e Escrita: Focalizando a Produção de Força Manual*", onde pesquisei *in loco* como exercícios de coordenação manual influenciaram positivamente a escrita manual de escolares do ensino infantil. Dessa pesquisa resultaram dois artigos científicos originais publicados em periódicos da área de educação e educação física, além implementar seus resultados práticos durante o período em que fui professor efetivo na rede pública de ensino básico no Estado de São Paulo, difundindo e discutindo pedagogicamente o tema com todos os profissionais da escola, referente a novas formas de atender as necessidades motoras dos alunos que possuíam esse transtorno.

Em 2011, iniciei o curso de doutorado na área de Biomecânica, obtendo o título de Doutor em Ciências (Engenharia Biomédica), o que me possibilitou adquirir habilidades para avaliações de: cinética do movimento humano (medidas de forças e de torques), eletrofisiológicas da atividade muscular (medidas sobre a contração muscular), cinemática do movimento humano (medidas espaço-temporais) e de vibração do corpo humano (medidas de impacto), além de desenvolver competências em testes estatísticos referentes a área (bioestatística) e em programação computacionais (elaboração de algoritmos para processar dados biológicos), capacitação que se integrou à minha formação técnica em processamento de dados. Como resultado, elaborei a tese de doutorado que avaliou o comportamento do movimento humano por meio de ferramentas biomecânica intitulada "*Efeito Agudo em Parâmetros Cinéticos e Tarefas Estáticas e*

1

Dinâmicas devido ao uso de Palmilhas Proprioceptivas". Nesta tese, eu verifiquei que uma palmilha com superfície ondulada melhora o equilíbrio estático e dinâmico de adultos sadios.

Em 2013, ingressei na carreira de Professor Assistente na Faculdade de Educação Física da Universidade Federal do Mato Grosso, onde contribuí com minha expertise em avaliação motora e bioestatística em estudos científicos que envolveram diversas populações (i.e. indivíduos saudáveis, esportistas, pessoas com esclerose múltipla, amputação de membro inferior e idosos ativos e sedentários) e temas variados (i.e. intervenção fisioterapêutica e de efeitos da atividade física sobre a dor musculoesquelética, o equilíbrio, a condição física e a força manual; monitoramento da atividade muscular paravertebral; triagem de risco musculoesquelético; e desempenhos escolar e atlético) que foram conduzidas em grupos de estudos de destaque na área: Núcleo de Atividade Física, Informática, Metabolismo, Esporte e Saúde (MT); e o grupo PENSARE (MS). Os 11 estudos resultantes dessas parcerias de trabalho científico têm sido amplamente citados, demonstrando a relevância deles para a comunidade científica, e ainda há publicações futuras em andamento. Ainda nesta universidade, progredi ao cargo de Professor Adjunto em 2015.

Em seguida, aceitei o convite da Universidade da Força Aérea Brasileira (UNIFA) em 2019 para compor o corpo de docentes do curso de mestrado profissional em Desempenho Humano Operacional. Minha expertise acadêmica na área de biomecânica aplicada despertou interesse aos idealizadores desse curso para suprir a necessidade de um docente com minhas características profissionais. Desde então, desenvolvo estudos sobre performance física e fatores humanos de militares da Força Aérea Brasileira sob ambientes extremos. Além disso, em parceria com docentes do mestrado profissional e com médicos da FAB, conduzi pesquisas sobre fisiologia humana em condições adversas e pude contribuir efetivamente com seis pesquisas de mestrado acadêmico, resultando na publicação de 11 artigos científicos em periódicos específicos da área com alcance nacional e internacional. Desde 2021, possuo o cargo de Professor Associado da UNIFA.

Concomitantemente à função de Professor na UNIFA, em 2022, realizei estágio de pós-doutorado em Ciência do Exercício e do Esporte na Universidade Estadual do Rio de Janeiro (UERJ), ampliando minhas competências em investigações científicas integrativas. Na oportunidade, eu adquiri competências mais robustas para conduzir investigações científicas com experimentos combinados de avaliações fisiológicas e biomecânicas, que proporcionam melhor compreensão da motricidade humana e da fisiologia de aviadores da FAB sob condições ambientais hostis. Além disso, fui convidado para assessorar cientificamente a Seção de Pesquisa, Desenvolvimento e Inovação (SDPI) do Instituto de Medicina Aeroespacial da Força Aérea Brasileira (IMAE), Instituto que gerencia o treinamento fisiológico de aeronavegantes militares em ambientes extremo. Dessa parceria resultaram mais estudos científicos sobre resistência muscular a forças gravitacionais, segurança na simulação de hipóxia e desorientação espacial pós-simulação de voo, contribuindo significativamente para a FAB.

Além disso, em 2023, fui convidado pela prestigiada e tradicional revista científica da área de Educação Física "Revista Motriz" para compor sua banca de editores associados, onde estou continuamente desenvolvendo minhas habilidades de editoração de artigos científicos da área, e que me proporciona amadurecimento profissional.

Por fim, em 2024, desempenhei estágio acadêmico-científico como professor visitante na Naval Aerospace Medical Research Unit (Dayton, Ohio, EUA), onde tive ótimas oportunidades de ampliar compreensões sobre os efeitos de ambientes hostis no desempenho humano, me valendo especialmente da alta tecnologia a que tive acesso desta entidade.

Ao longo dessa trajetória profissional-acadêmica eu orientei 30 trabalhos de conclusão de curso de graduação em Educação Física e 8 dissertações de mestrado. Produzi 29 artigos científicos e fui co-autor de um livro, que foram referenciados pela comunidade acadêmica e que alcançaram mais de 200 citações no

Google Scholar no período. Além dessas, fui parecerista de revistas científicas da área, realizei apresentações de trabalhos científicos em congressos, participei como membro de bancas examinadoras de trabalhos de conclusão de curso, mestrado, doutorado e de professor do magistério superior.

Em suma, minha trajetória acadêmica contém um curso técnico, um título de bacharel em Educação Física com *teaching license*, mestrado e doutorado, me possibilitando a atuar profissionalmente por seis anos no cargo de professor de educação básica concursado da rede pública estadual, 12 anos no cargo de professor concursado do magistério do ensino superior na rede federal de ensino, atualmente no cargo de Professor Associado, um ano de estágio de pós-doutoramento, um ano de estágio-acadêmico de professor visitante no exterior, e 18 meses como Editor-Associado de revista científica da área. Minha área de especialização integra a pedagogia, comportamento motor, biomecânica e fisiologia, com foco em ambientes extremos. As habilidades profissionais que desenvolvi, especialmente no Instituto de Medicina Aeroespacial da FAB e na NAMRU da Navy (EUA) contribuíram valiosamente para a comunidade científico-acadêmica dos EUA. Minhas características translacionais entre motricidade e ciências mecânicas sob a área da Engenharia Biomédica são raras e promissoras.

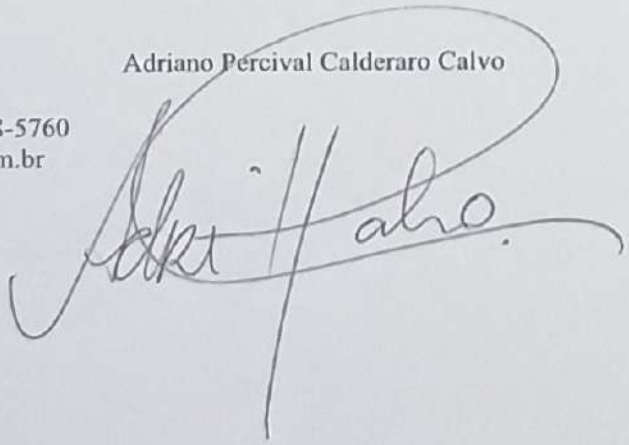
Com minha experiência, posso contribuir significativamente com atividades pedagógicas e de pesquisas em universidades e instituições nos EUA, promovendo avanços na compreensão dos efeitos de ambientes hostis no desempenho humano. Minha habilidade em desenvolver estudos integrativos com diferentes populações permitirá abordar questões cruciais na saúde pública e na performance física, beneficiando a sociedade americana.

Além disso, minha capacidade de colaborar com profissionais de diversas áreas e de me adaptar às necessidades institucionais e ambientais, me caracterizam como um valioso membro em equipes de pesquisa. Tenho confiança que meu perfil acadêmico-científico e minha maturidade profissional são de interesse para os EUA e estou disposto a continuar investindo em minha capacitação profissional, garantindo que minhas contribuições sejam sempre inovadoras e relevantes para aquele país.

Cordialmente,

Adriano Percival Calderaro Calvo

Telefone: +55 (12) 98858-5760
Email: pcdez@yahoo.com.br



DEPARTMENT OF THE NAVY
NAVAL MEDICAL RESEARCH UNIT DAYTON
2624 Q STREET, BLDG 851, AREA B
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433-7955

3900
Ser 00F0/116
28 Sep 2023

From: Commanding Officer, Naval Medical Research Unit Dayton
To: Doctor Adriano Percival Calderaro Calvo, Brazilian Air Force University, 1200, Marechal Fontenelle Avenue; Campo dos Afonsos, Rio de Janeiro City – Rio de Janeiro State (RJ) Postal Code: 21740-000 Brazil

Subj: VISITING PROFESSOR INVITATION

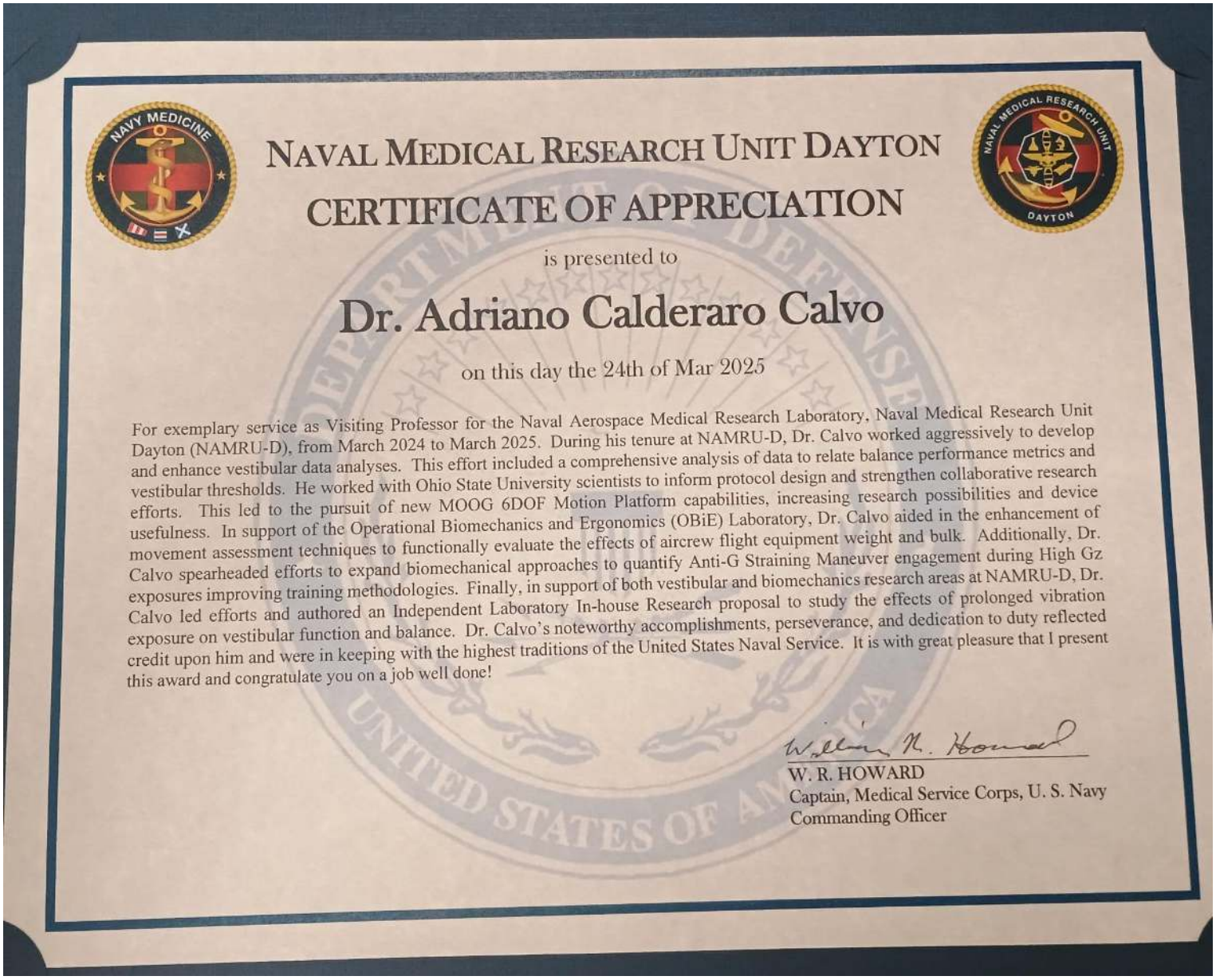
1. It is my pleasure to extend an invitation to you, Dr. Adriano Percival Calderaro Calvo, to complete one year as a visiting professor/post-doctoral intern with Naval Medical Research Unit Dayton under the supervision of Dr. Richard Arnold, Director of Naval Aerospace Medical Research Laboratory (NAMRL). This internship is expected to extend from 25 March 2024 through 24 March 2025 (12 months), during which time you will participate in collaborative research with multiple teams from the Naval Aerospace Medical Research Laboratory (NAMRL) directorate.

2. We look forward to having you join us and gaining your insights through this collaboration to help answer some very challenging aeromedical questions. Unfortunately, we will not be able to support your income and you will not receive any additional compensation or salary from us during your stay.

Digitally signed by DALITSCH.WALTER.W.1086593560
Date: 2023.10.04 08:58:19 -04'00'

W. W. DALITSCH III

Copy to:
File



NAVAL MEDICAL RESEARCH UNIT DAYTON
CERTIFICATE OF APPRECIATION

is presented to

Dr. Adriano Calderaro Calvo

on this day the 24th of Mar 2025

For exemplary service as Visiting Professor for the Naval Aerospace Medical Research Laboratory, Naval Medical Research Unit Dayton (NAMRU-D), from March 2024 to March 2025. During his tenure at NAMRU-D, Dr. Calvo worked aggressively to develop and enhance vestibular data analyses. This effort included a comprehensive analysis of data to relate balance performance metrics and vestibular thresholds. He worked with Ohio State University scientists to inform protocol design and strengthen collaborative research efforts. This led to the pursuit of new MOOG 6DOF Motion Platform capabilities, increasing research possibilities and device usefulness. In support of the Operational Biomechanics and Ergonomics (OBiE) Laboratory, Dr. Calvo aided in the enhancement of movement assessment techniques to functionally evaluate the effects of aircrew flight equipment weight and bulk. Additionally, Dr. Calvo spearheaded efforts to expand biomechanical approaches to quantify Anti-G Straining Maneuver engagement during High Gz exposures improving training methodologies. Finally, in support of both vestibular and biomechanics research areas at NAMRU-D, Dr. Calvo led efforts and authored an Independent Laboratory In-house Research proposal to study the effects of prolonged vibration exposure on vestibular function and balance. Dr. Calvo's noteworthy accomplishments, perseverance, and dedication to duty reflected credit upon him and were in keeping with the highest traditions of the United States Naval Service. It is with great pleasure that I present this award and congratulate you on a job well done!

W. R. HOWARD
Captain, Medical Service Corps, U. S. Navy
Commanding Officer

Exhibit B: Beneficiary’s receipt of lesser nationally or internationally recognized prizes or awards for excellence - Evidence that the Beneficiary was the recipient of the Award

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

CNPq - Notification of Nomination of a Fellow Abroad - [200344/2023-4]

1 message

Cnpq <noreply@cnpq.br> Tuesday, September 12, 2023 at 4:28 PM
To: 1979calvo@gmail.com, percivalcalvo.fab@gmail.com

Dear Mr. Adriano Percival Calderaro Calvo,

Please be informed that you have been nominated as a fellow in the Post-Doctorate Abroad (PDE) modality, for a period of 12 months, by the Project Coordinator - Professor Ben-Hur de Albuquerque e Silva.

To proceed with the analysis regarding the implementation of the fellowship, it is necessary to fill out and electronically submit the Supplementary Data Form for Abroad, which is available through the access key below:

http://efomento.cnpq.briefomento/termo?token=yzXyRSVamxCfIYQzzdPXbpLhzqaefb

If your nomination is accepted, CNPq will send you an email containing an access key to issue the Nomination Term, which will initiate the procedures for implementing the fellowship and the subsequent release of funds related to the first monthly payment, installation allowance, airfare, and health insurance, when applicable.

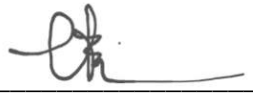
We request that you carefully read the regulations for individual fellowships abroad, available on the CNPq website at the following address: http://www.cnpq.br.

In case of questions or difficulties in completing the Supplementary Data Form, please contact CNPq Support by phone at +55 61 3211-4000, or by email at atendimento@cnpq.br. When sending an email, please include your full name and CPF in the message.

Sincerely,

General Coordination of Operational Support - CGEAO

I, Carolina Favero da Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.


_____ Date: January 14, 2026.

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

CNPq - Aviso de Indicação de Bolsista no Exterior - [200344/2023-4]

1 message

Cnpq <noreply@cnpq.br> Tue, Sep 12, 2023 at 4:28 PM
To: 1979calvo@gmail.com, percivalcalvo.fab@gmail.com

Prezado(a) Senhor(a) Adriano Percival Calderaro Calvo,

Informamos que V.Sa. foi indicado como bolsista na modalidade PDE, pelo período de 12 meses, pelo(a) Coordenador(a) do Projeto - Professor(a) Ben-Hur de Albuquerque e Silva.

Para procedermos à análise quanto à implementação da bolsa, é necessário preencher e realizar o envio eletrônico do Formulário de Dados Complementares de Bolsa no Exterior, que se encontra disponível por meio da chave de acesso abaixo:

http://efomento.cnpq.br/efomento/termo?token=yzXyRSVamxCfIYQzzdPXbpLhzqaefb

Caso sua indicação seja aceita, o CNPq lhe enviará mensagem eletrônica contendo chave de acesso para emissão do Termo de Indicação, o qual dará início aos procedimentos de implementação da bolsa e posterior liberação dos recursos relativos à primeira mensalidade, auxílio-instalação, passagem aérea e seguro-saúde, quando for o caso.

Na oportunidade, solicitamos a leitura atenta da norma de bolsas individuais no exterior, disponível na página do CNPq na internet, endereço http://www.cnpq.br.

Em caso de dúvidas ou dificuldades no preenchimento do Formulário de Dados Complementares, favor entrar em contato com o Atendimento do CNPq, pelos telefone +55 61 3211-4000, ou por correspondência eletrônica para o endereço atendimento@cnpq.br. No caso de envio de e-mail, solicitamos que sejam incluídos na mensagem nome completo e CPF.

Atenciosamente,

Coordenação-Geral de Apoio Operacional - CGEAO

EDUCATION DIRECTORATE - PIRACICABA REGION

Ordinance of the Regional Director of Education, 10/03/2006

Summoning the Coordinating Teachers of Cycle I schools and the teachers of the Cycle I reading hour curricular workshop at the full-time school, under Resolution SE 62/2005, to attend a videoconference at Sud Menucci State School on October 6, 2006, from 1:00 p.m. to 5:00 p.m.

Declaring

That, based on Section I of Article 2 of Decree 48.298/03 in conjunction with Section I of Article 4 of Resolution SE No. 131/03, financial aid was granted to participate in the Master's Scholarship Project to the following QM staff members enrolled in a stricto sensu graduate program (Master's degree):

Adriano Percival Calvo; ID No. 30.854.312-9; Position: PEB II – SQE II – QM; School: João A. De Almeida State School; Period: Apr/06 to Sep/07.

I, Marina Viana Silva, certify that I, a qualified translator fluent in both languages, have performed the professional translation of this document from Portuguese to English and that the following is an accurate and complete translation of the document.

Marina Viana **Date: May 14, 2025.**

DIRETORIA DE ENSINO - REGIÃO DE CAMPINAS LESTE

Portaria da Dirigente Regional de Ensino, de 3-10-2006

Designando, com fundamento na Deliberação CEE 01/99, alterada pela Deliberação CEE 10/00, e à vista do protocolo 3501/0042/2006, os Supervisores de Ensino: Profº Pedro de Morais Toledo Filho, RG 3.987.850; Profª. Maria Helena da Silva Tanaka, RG 8.548.4412; Profª. Paula Adriana Grizzo Serignolli, RG 15.808.911, para sob a presidência do primeiro, comporem comissão que procederá a análise da documentação, vistoria dos equipamentos e instalações físicas emitindo parecer conclusivo sobre o pedido de autorização dos Cursos de Educação de Jovens e Adultos - Ensino Fundamental e Médio e aprovação do Regimento Escolar junto a Escola Harmonia - Ensino Infantil, Fundamental e Médio, sito a Avenida Presidente Juscelino, 105, Jardim Campos Elíseos, Campinas, SP, mantida por Dulce Maria Pereira, CNPJ 74.118.282/0001-62.

Comunicado

A Comissão Julgadora de Licitações, após análise dos documentos apresentados, no envelope nº 02 - Proposta, destinada à obra de pequeno porte nas EE Prof. Antonio Fernandes Gonçalves e EE Profª. Leonor Zulke Falson - Processo nº 1126/0042/2006 - Carta Convite 003/2006, classifica na ordem a seguir:

1ª L.C. Martins Engenharia Ltda.
Item 01 - R$ 8.465,68
Item 02 - R$ 22.128,80
Valor Total R$ 30.594,48
2ª Gusman Construções e Comercio Ltda.
Item 01 - R$ 8.546,05
Sanecol Saneamento e Construções Ltda.
Item 02 - R$ 22.777,88
Valor Total R$ 31.323,93
3º Sanecol Saneamento e Construções Ltda.
Item 01 - R$ 8.991,17
Gusman Construções e Comercio Ltda.
Item 02 - R$ 23.466,79
Valor Total R$ 32.457,96
4º Construtora Nadir dos Santos
Item 01 - R$ 10.021,04
Item 02 - R$ 23.964,14
Valor Total R$ 33.985,18

Comunica que nos termos do parágrafo 6º do artigo 109 da Lei Federal 8.666/93 abre-se por 2 (dois) dias prazo para interposição de recursos, que deverão ser protocolizados no período de 04 a 05/10/2006, na sede desta Diretoria de Ensino Região Campinas Leste - sito Rua Osvaldo Cruz, 799 - Taquaral - Campinas/SP no horário 8:00 às 18:00 horas - Setor de Protocolo.

DIRETORIA DE ENSINO - REGIÃO DE FERNANDÓPOLIS

Portaria da Dirigente Regional de Ensino, de 3-10-2006

Convocando, nos termos do Parágrafo Único, do Artigo 5º da Resolução SE n.º 62/2005, um Professor para Orientação e Socialização dos projetos desenvolvidos nesta D.E. que utilizam os recursos de Tecnologia Educacional para sanar desvios detectados no SARESP, divididos em 02 grupos, a realizar-se como segue:

Dia: 05/10/2006 - com duração de 6 horas

EE Afonso Cafaro, EE Prof. Antonio Tanuri, EE Armelindo Ferrari, EE Carlos Barozzi, EE Fernando Barbosa Lima, EE Prof. Ivonete Amaral da Silva Rosa, EE Donato Marcelo Balbo, EE Eng.º Haroldo Guimarães Bastos, EE Prof.ª Hilda Bertoncini Rodrigues, EE Jeronymo Trazzi, EE Prof.ª Joanita B.B. Carvalho, EE Manoel dos Santos, EE Lesbino de Souza Alkimin.

Dia: 06/10/2006 - com duração de 6 horas

EE Cel. Francisco Arnaldo da Silva, EE Joaquim Antonio Pereira, EE João Garcia Andreo, EE José Belucio, EE Libero de Almeida Silvares, EE Saturnino Leon Arroyo; EE Prof.ª Maria Conceição Aparecida Basso, EE Prof.ª Marilene de L.L.Singh, EE de Meridiano, EE Prof. Sansara Singh Filho, EE Silvio Miotto, EE Pref. Paschoal Castrequini, EE Tonico Barão.

Local: N.R.T.E. - Diretoria de Ensino - Região de Fernandópolis.

DIRETORIA DE ENSINO - REGIÃO DE GUARATINGUETÁ

Portarias do Dirigente Regional de Ensino, de 3-10-2006

Designando

à vista do que consta do protocolado número 6224/2006, com fundamento na Deliberação CEE nº 01/99, a Comissão de Supervisores adiante relacionada, para, sem prejuízo de suas funções, sob a presidência da primeira, proceder à análise da documentação, emitindo parecer conclusivo sobre autorização do funcionamento e aprovação do Regimento Escolar, do Colégio Oliveira & Oliveira Netto, CNPJ nº 07.233.201/0001-88, mantenedor do Colégio de Educação Infantil e Ensino Fundamental, localizada na à rua Sá Marinha das Três Pontes, nº 356, Bairro do Falcão, em Cunha, com previsão de início a partir de 01/02/07: Leda Helena Galvão de Oliveira Farias, RG 19.910.494-3; Joaquim Augusto de Siqueira, RG 3.962.030 e Maria de Lourdes Lourenço Pereira, RG 5.054.410. Esta Portaria entrará em vigor na data de sua publicação;

à vista do que consta do protocolado nº 6257/06, com fundamento na Deliberação CEE nº 01/99, a Comissão de Supervisores adiante relacionada, para, sem prejuízo de suas funções, e sob a presidência do primeiro, proceder a análise da documentação, emitindo o parecer conclusivo sobre o pedido de autorização de funcionamento do Ensino Fundamental, Ciclo I (1ª e 2ª Séries) e Ciclo II (3ª e 4ª Séries) da EMEIEF Prof. João Roberto Guimarães, situada na rua Aluízio de Azevedo, nº 271, Vila Bela, em Guaratinguetá, SP,: Maria Aparecida dos Santos Martins, RG 3.964.686; Luzia Aparecida dos Santos Sodré, RG 3.998.815 e André Luiz do Nascimento Ramos, RG 13.719.840. Esta Portaria entrará em vigor na data de sua publicação;

à vista do que consta do protocolado nº 6010, nº 6011, nº 6012 e nº 6013/06, com fundamento na Deliberação CEE nº 01/99, a Comissão de Supervisores adiante relacionada, para, sem prejuízo de suas funções, sob a presidência do primeiro, proceder a análise da documentação, vistoria dos materiais, equipamentos, instalações e verificação de compatibilidade entre o Regimento Escolar, Plano de Curso e demais documentos, emitindo parecer conclusivo sobre o pedido de autorização de funcionamento da Escola Municipal de Ensino Técnico e Profissionalizante da Profª. Mariana Carvalho Vieira da Silva, localizada na Avenida João Pessoa, s/n, pedregulho, Guaratinguetá, SP, entidade mantenedora Prefeitura Municipal de Guaratinguetá, com Curso de Educação Profissional Técnico em Eletrônica; Educação Profissional Técnico em Gestão Ambiental; Educação Profissional Técnico em Informática: Eliana Pereira Maciel, RG 15.767.629; Olga Francisca de Azevedo Silva, RG 7.103.031 e Terezinha Maria de Souza Alves Nunes, RG 4.744.078. Esta Portaria entrará em vigor na data de sua publicação;

à vista do que consta do protocolado nº 6264/06, com fundamento na Deliberação CEE n.º 01/99, a Comissão de Supervisores adiante relacionada, para, sem prejuízo de suas funções, sob a presidência do primeiro, proceder a análise da documentação, vistoria dos materiais, equipamentos, instalações e verificação de compatibilidade entre o Regimento Escolar, Plano de Curso e demais documentos, emitindo parecer conclusivo sobre o pedido de autorização de funcionamento da Escola Municipal Prof. Aureliano Paixão, localizada na rua Pe. Noé Sotillo, nº 400, Bairro Nossa Senhora do Perpétuo Socorro, em Aparecida, SP: Leda Helena Galvão de Oliveira Farias, RG 19.910.494-3; Joaquim Augusto de Siqueira, RG 3.962.030 e Maria de Lourdes Lourenço Pereira, RG 5.054.410. Esta Portaria entrará em vigor na data de sua publicação;

à vista do que consta do protocolado nº 6266/06, com fundamento na Deliberação CEE n.º 01/99, a Comissão de Supervisores adiante relacionada, para, sem prejuízo de suas funções, sob a presidência do primeiro, proceder a análise da documentação, vistoria dos materiais, equipamentos, instalações e verificação de compatibilidade entre o Regimento Escolar, Plano de Curso e demais documentos, emitindo parecer conclusivo sobre o pedido de autorização de funcionamento da Escola Municipal Prof. Manoel Ignácio de Moraes, localizada na rua Pedro Maria Filippo, nº 500, Bairro Vila Mariana, em Aparecida, SP: Leda Helena Galvão de Oliveira Farias, RG 19.910.494-3; Joaquim Augusto de Siqueira, RG 3.962.030 e Maria de Lourdes Lourenço Pereira, RG 5.054.410. Esta Portaria entrará em vigor na data de sua publicação;

à vista do que consta do protocolado nº 6072/06, com fundamento na Deliberação CEE n.º 01/99, a Comissão de Supervisores adiante relacionada, para, sem prejuízo de suas funções, sob a presidência do primeiro, proceder a analise do pedido de autorização de funcionamento, a partir de 2007, de 02 (duas) classes de 5ª série do Ensino Fundamental, período da manhã (Ciclo III), na EMEF Profª. Maria Aparecida Broca Meirelles, situada na rua Álvares Cabral, nº 321, Bairro Campo do Galvão, em Guaratinguetá, SP: Maria Aparecida Martins Santos, RG 3.964.686; Luzia Aparecida dos Santos Sodré, RG 3.998.815 e André Luiz do Nascimento Ramos, RG 13.719.840. Esta Portaria entrará em vigor na data de sua publicação;

à vista do que consta do protocolado nº 6072/06, com fundamento na Deliberação CEE n.º 01/99, a Comissão de Supervisores adiante relacionada, para, sem prejuízo de suas funções, sob a presidência do primeiro, proceder a analise do pedido de autorização de funcionamento, a partir de 2007, de 02 (duas) classes de 5ª série do Ensino Fundamental, período da manhã e tarde (Ciclo III), na EMEF Prof Virgílio Rosas da Silva, situada na Av. Rui Barbosa, nº 1573, Bairro Santa Rita, em Guaratinguetá, SP: Maria de Lourdes Lourenço Pereira, RG 5.054.410; Leda Helena Galvão de Oliveira Farias, RG 19.910.494-3 e Joaquim Augusto de Siqueira, RG 3.962.030. Esta Portaria entrará em vigor na data de sua publicação.

DIRETORIA DE ENSINO - REGIÃO DE ITAPETININGA

Portaria do Dirigente Regional de Ensino, de 3-10-2006

Declarando, com fundamento na Deliberação CEE 21/2001, que os estudos feitos no exterior (na Winckelmann - Gymnasium, Stendal e na Diesterweg - Gymnasium, Tangermünd - Sachsen - Anhalt, Alemanha) por Gabriela Moia Soares, RG 44.284.458-X, nascida no dia 19 de outubro de 1988, em Presidente Prudente - SP, são equivalentes aos cumpridos no Sistema Estadual de Ensino em Nível de Ensino Médio, para fins de prosseguimento de estudos (Processo 928/0050/2006).

DIRETORIA DE ENSINO - REGIÃO DE ITU

Portaria do Dirigente Regional de Ensino, de 3-10-2006
Convocando

nos termos da Resolução SEE 62 de 09/08/2005 os PCPs das Escolas de Ensino Fundamental ciclo I (1ª a 4ª série) para participarem da Videoconferência: Papel da Escola na Prevenção de Maus Tratos em Crianças de Zero a Dez Anos, conforme segue:

Data: 05/10/2006 (quinta-feira) - Horário da convocação 13h00min às 17h; Horário da Videoconferência: 14h às 17h

Local: EE Pery Guarany Blackmam;

nos termos da Resolução SEE 62 de 09/08/2005 os PCPs do Programa Ensino Médio em Rede, conforme segue:

Data: 04/10/2006 - Horário 8h00min às 17h
Local: EE Pery Guarany Blackman
Público Alvo: Município Itu, Cabreúva, Salto, Porto Feliz, Tietê, Boituva, Cerquilho, Iperó;

nos termos da Resolução SEE 62/2005, todos os Professores Coordenadores Pedagógicos das Escolas do Ciclo I e Professores das Escolas de Tempo Integral que ministram a Oficina Curricular Hora da Leitura – ciclo I para videoconferência conforme segue:

Data: 06/10/2006
Local: EE Pery Guarany Blackman
Horário: das 8:00h às 17:00h;

nos termos da Resolução SEE 62/2005 os Professores Representantes Linguagens Códigos e suas Tecnologias do Programa Ensino Médio em Rede, conforme segue:

Data: 09/10/2006 (segunda- feira) - Horário: 8:00h às 17:00
Local: EE Pery Guarany Blackman
Público Alvo: Municípios Itu e Cabreúva
Data: 11/10/2006(quarta-feira) - Horário: 8:00h às 17:00
Local: EE Pery Guarany Blackman
Público Alvo: Municípios Salto, Porto Feliz, Tietê, Cerquilho, Iperó.

DIRETORIA DE ENSINO – REGIÃO DE JABOTICABAL

Portaria do Dirigente Regional de Ensino, de 3-10-2006

Convocando, nos termos da Resolução SE n.º 62/2005, para participar da:

Orientação Técnica: Hora da Leitura, os PEB I e Professor Coordenador Pedagógico, segundo instruções abaixo:
Orientação Técnica: Projeto Hora da Leitura
Data: 06 de outubro de 2006
Local: Pólo de Capacitação para Professores - Bebedouro
Horário: 8h30 às 17h30
Público-Alvo: Professor Coordenador Pedagógico do Ciclo I e PEB I, que atua na Oficina Hora da Leitura das Escolas de Tempo Integral do Ciclo I;
Orientação Técnica: Abag - Agronegócio na Escola
Data: 05 e 06 de outubro de 2006
Horário: 08h30 às 17h30
Local: Abag – Ribeirão Preto
Público Alvo: PEB II que participam do Programa
Escolas: EE Abílio Alves Marques, EE Dr. Paraíso Cavalcanti, EE Prof. João Domingos Madeira;
Orientação Técnica: Formação de professores de 5ª a 8ª série" Projeto Ler e Escrever – Cenpec
Data: 03 de outubro de 2006 - Horário: 08h00 às 17h00
Local: Diretoria de Ensino – Região de São Carlos
Público Alvo: PEB II de 5ª a 8ª séries da escola abaixo:
EE Abílio Alves Marques.

DIRETORIA DE ENSINO-REGIÃO DE JACAREÍ

Portaria do Dirigente Regional de Ensino, de 3-10-2006

Convocando os professores abaixo relacionados para orientação técnica, na seguinte conformidade:

Dia: 04/10/2006 - Local: Oficina Pedagógica
Horário: 13:00 às 19:00
Escola/Professor
EE Amância Dias Sampaio - Angela Maria da Silva
EE Maria Umbelina R. Azevedo - Edneide Maria Fonseca de S. Borges
EE Alcina Moares Salles - Maria Aparecida Rodrigues Simões
EE João Victor Lamanna - Valkiria G. Alvarez de Carvalho

Obs.: Montagem do Projeto Programa São Paulo - Educando pela diferença para a igualdade.

ATP. Responsável: Márcia Regina de Oliveira Blois.

DIRETORIA DE ENSINO - REGIÃO DE JALES

Retificação do D.O. de 2-10-2006

Na Portaria que convocou todos os gestores (Diretor, Vice-Diretor e Professor Coordenador) das Unidades Escolares jurisdicionadas a esta Diretoria de Ensino para participar dos encontros presenciais do Curso de Formação de Gestores Escolares à Distância - Progestão - Prova Final: Onde se lê: Grupol - Data: 03/10/2006; Grupoll - Data: 04/10/2006; Grupo III - Data: 05/10/2006; Leia-se: Grupo II e as Unidades Escolares: EE Juvenal Giraldelli, EE Dr. Euphly Jalles, EE de Dirce Reis, EE Profª. Maria Pereira de Brito Benetoli, EE José Teixeira do Amaral e EE Prof. Itael de Mattos - Data: 05/10/2006. Grupo III e as Unidades Escolares: EE de Santa Albertina, EE Baptista Dolci, EE Cohab José Antonio Caparroz Bogaz, EE Orestes Ferreira de Toledo, EE Domingos Donato Rivelli, EE Rubens de Oliveira Camargo, EE Adelino Bertani e EE Profª. Elza Pirro Viana - Data: 06/10/2006.

DIRETORIA DE ENSINO - REGIÃO DE JAÚ

Portaria da Dirigente Regional de Ensino, de 3-10-2006
Convocando

nos termos da Res. S.E.62/2005 os Professores Coordenadores das Escolas de Ciclo I para Videoconferência, seguindo orientações abaixo:

Objeto: Videoconferência: o Papel da Escola na Prevenção de Maus Tratos em Crianças de Zero a Dez Anos.

Público Alvo: Professores Coordenadores das Escolas de Ciclo I

Data: 05/10/2006 - Horário: 14h às 16:30h

Local: Centro de Capacitação da Diretoria de Ensino - Região Jaú - Av. Dr. Quinzinho, nº 754 - Jdim Jorge Atalla;

nos termos da Resolução SE 062/2005, os Professores de Educação Física, para Orientação Técnica conforme segue:

Objeto: Ensino Médio - Bem Vindo Professor

Local: Centro de Capacitação da Diretoria de Ensino - Região Jaú - Av. Dr. Quinzinho, 754 - Jd. Jorge Atalla

Data: 11/10/2006 - Horário: das 8 às 17 horas

Público Alvo: Todos PEB II de Educação Física que atuam no Ensino Médio;

nos termos do Parágrafo único, do Artigo 5º , da Resolução SE nº 62/05, os PCs do Programa Ensino Médio em Rede - Fase II, de acordo com as informações abaixo:

Objeto: Orientação Técnica e Videoconferência
Data: 04/10/2006 - Horário: 8 as 17 horas
Local: Centro de Capacitação da Diretoria de Ensino - Av Dr. Quinzinho, nº 754 - Jd. Jorge Atalla, Jaú - SP

Material: Vivência Educadora 3 e Seqüência Didática - Artigo de Opinião;

nos termos do Parágrafo único, do Artigo 5º , da Resolução SE nº 62/05, os professores (PEB II), com aulas atribuídas no projeto no projeto Hora da Leitura, para uma Orientação Técnica e Videoconferência, segundo informações abaixo:

Público Alvo:: PEB II de Língua Portuguesa - Hora da Leitura - Ensino Fundamental, ciclo II, dos seguintes municípios: Jaú, Barra Bonita, Brotas, Dois Córregos, Igaraçú do Tietê, Mineiros do Tietê, Pederneiras e Torrinha.

Objeto: Videoconferência Hora da Leitura
Data: 16 e 17 de Outubro de 2006 - Horário: 8:00 às 17 hs.
Local: Oficina Pedagógica - Cefam Zien Nassif - Av Dr. Quinzinho 754 - Jd. Jorge Atalla - Jaú – SP.

Extratos de Contratos

Contrato nº 002
Processo nº 0724/0054/2006-Derja
Contratante: Derja
Contratada: Auto Viação Jauense Ltda.
Objeto: Contratação de Empresa de transporte de professores
Vigência do contrato: 03 meses
Assinatura do contrato 29/09/2006
Valor mensal R$ 3.681,00 (3 parcelas)
Valor do Contrato R$ 11.043,00
Classificação dos Recursos: P.T 12128080851480000
F R.:005003002 - N.D.: 33903345; UGR: 080014.
Contrato nº 003
Processo nº 0724/0054/2006-Derja
Contratante: Derja
Contratada: Auto Ônibus Macacari Ltda.
Objeto: Contratação de Empresa de transporte de professores
Vigência do contrato: 03 meses
Assinatura do contrato 29/09/2006
Valor mensal R$ 2.282,00 (3 parcelas)
Valor do Contrato R$ 6.846,00
Classificação dos Recursos: P.T 12128080851480000
F R.:005003002 - N.D.: 33903345; UGR: 080014.
Contrato nº 004
Processo nº 0724/0054/2006-Derja
Contratante: Derja
Contratada: Paulo Cesar Pavarini ME
Objeto: Contratação de Empresa de transporte de professores
Vigência do contrato: 03 meses
Assinatura do contrato 29/09/2006
Valor mensal R$ 2.267,00 (3 parcelas)
Valor do Contrato R$ 6.801,00
Classificação dos Recursos: P.T 12128080851480000
F R.:005003002 - N.D.: 33903345; UGR: 080014.

DIRETORIA DE ENSINO - REGIÃO DE JOSÉ BONIFÁCIO

Portaria do Dirigente Regional de Ensino, de 3-10-2006

Convocando os candidatos inscritos nesta Diretoria de Ensino, nos termos da Res. SE 73/03, alterada pela Res. SE 63/04, para sessão de atribuição de 01 (um) cargo de Supervisor de Ensino, em substituição, por 30 dias, a ser realizada nesta DER/José Bonifácio (Sede), sita à Rua Ademar de Barros, 356 – Centro,em José Bonifácio, no dia 10/10/2006 (Terça-feira), às 10:00 horas.

DIRETORIA DE ENSINO - REGIÃO DE JUNDIAÍ

Portaria do Dirigente Regional de Ensino, de 3-10-2006
Convocando

nos termos da Resolução 62/05 para o dia 22/09/2006 no horário das 8h às 12h, os professores que ministram aulas nas Classes Mistas da EE Jardim América III a fim de participarem de Orientação Técnica - Assunto: Classes Mistas.

Local: EE Jardim América III Rua Iguatemi, 350- Bairro Jardim América - Cidade: Várzea Paulista - CEP: 13222-261

Nome-RG-Cargo/Função

Neusa Alves P. Fiorini/15.210.193/PEB II; José Dinaldo Bezerra/2339347/PEB II; Nileia Pádua da Silva Gomes/MG.973.113/PEB II;

nos termos da Resolução 62/05 da SEE, os professores, inscritos no Curso Práticas de Leitura e Escrita na Contemporaneidade, para participarem da capacitação técnica. No dia 06 de outubro de 2006, horário 08h:00 às 12h30min, local EE Professora Maria de Lourdes França Silveira - Rua Pedro Nano nº 175 - Vila Santana - Jundiaí - SP.

DIRETORIA DE ENSINO - REGIÃO DE LIMEIRA

Portaria do Dirigente Regional de Ensino, de 3-10-2006

Convocando, de acordo com a Resolução 062/05, os professores coordenadores de Ciclo I das escolas abaixo relacionadas, para uma Orientação Técnica de Alfabetização e Videoconferência: "O papel da Escola na prevenção de maus tratos em crianças de 0 a 10 anos", a realizar-se no dia 05/10/2006, das 9h00 às 17h00, na EE Prof. Gabriel Pozzi, em Limeira.

Escolas Envolvidas: EE Antonio de Queiroz; EE Cônego Manoel Alves; EE Dorivaldo Damm; EE José Ferraz Sampaio Penteado; EE Lázaro Duarte do Páteo; EE Luigino Burigotto; EE Maria Aparecida Soares de Lucca; EE Nestor Martins Lino; EE Octávio Pimenta Reis.

DIRETORIA DE ENSINO - REGIÃO PINDAMONHANGABA

Portaria do Dirigente Regional de Ensino, de 29-9-2006

Homologando, nos termos da legislação vigente o Plano de reposição de aulas da escola abaixo relacionada conforme segue:

EE Profª. Iolanda Vellutini.
Classe/nº de aulas/Disciplina
5ºA/02/Educação Física.
5ºB/01/Educação Física.
6ºA/02/Educação Física.

DIRETORIA DE ENSINO - REGIÃO DE PIRACICABA

Portaria do Dirigente Regional de Ensino, de 3-10-2006

Convocando os Professores Coordenadores da escolas de ciclo I e os professores da oficina curricular Hora da leitura de ciclo I da escola de tempo integral nos termos da Resolução SE 62/2005, dia 06 de outubro de 2006, das 13h às 17h, para participarem de videoconferência na EE Sud Menucci.

Declarando

que foi concedida, com fundamento no Inciso I do artigo 2º do Decreto 48.298/03 c/c o Inciso do artigo 4º da Res. SE.nº 131/03, a ajuda de financeira para participar do Projeto Bolsa Mestrado, aos integrantes do QM matriculados em curso de pós -graduação "strictu sensu" - Mestrado, abaixo relacionados.

Adriano Percival Calvo; RG 30.854.312-9; Titular de cargo: PEB II- SQE II - QM;Unidade escolar: João A. De Almeida; Período: abr/06 a set/07.

Adriano Augusto Sgrignero; RG 30.568.791-8; Titular de cargo: PEB II SQE II - QM Unidade escolar: Barão do Rio Branco;Período: abr/06 a jul/08.

Adrivânia Maria Valério Honório; RG 24.427.385-6; Titular de cargo: vice diretor - SQE II - QM; Unidade escolar: Pedro Crem Filho; Período: fev/06 a ago/08.

Aislan Camargo Maciera; RG 30.281.682-3; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Dr. João Conceição; Período: ago/05 a fev/08.

Aline Helen Corrêa Garcia; RG M-3.489.279; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Ademar V. Pisco; Período: fev/06 a ago/08.

Ana Cristina Leite Ferraz Fiore; RG 18.897.392; Titular de cargo: PEB I- SQE II - QM; Unidade escolar: Manasses E. Pereira; Período: mar/05 a ago/07.

Anésia Regina Schiavolin Bortoletto; RG 16.886.233-5; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Abigail de A. Grillo; Período: jan/06 a jun/08.

Ariovaldo Jacquier de Souza; RG 17.193.396-5; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Maria de L. S. Cosentino; Período: jan/06 a jun/08.

Dinah Eliana Gimenes Castilho; RG 15.612.954; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Dr. João Conceição; Período: mar/05 a set/07.

Elaine da Silva; RG 16.739.576; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Benedito F. Costa; Período: ago/04 a set/06.

Elayne Batista Siqueira; RG 23.079.679-5; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Hélio Nehring; Período: fev/04 a set/05

Eliara Marli Rosa; RG 13.976.208; Titular de cargo: PEB II - SQE II - QM; Unidade escolar: Ângelo Franzin; Período: jun/06 a dez/06.

Fabiana F. De O. Pavanelli; RG 16.441.149-5; Titular de cargo: supervisora- SQE II - QM; Unidade escolar: DE Piracicaba; Período: mar/05 a set/05.

Flávio Roberto Gazola; RG M-8.440.245; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Com. Luciano Guidotti; Período: mar/05 a set/06.

Geórgia Stefânia Picelli Laubstein. RG 30.300.981-0. Titular de cargo PEB II- SQE II - QM. Unidade escolar: Prof. Olívia Bianco. Período: jan/06 a fev/06

Gisele Pimentel Martins; RG 21.910.170; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Eduir B. Scarpari; Período: fev/06 a jan/08.

José Carlos da Fonseca; RG 1.602.723; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Adolpho Carvalho; Período: abr/05 a set/06.

João Rogério Miraldo; RG 18.797.725-2; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Sud Mennucci; Período: fev/05 a fev/06.

Judite de Azevedo do Carmo; RG 25.629.214-0; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Adolpho Carvalho; Período: nov/04 a dez/06.

Larissa Cerignoni Benites; RG 34.953.203-5; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Francisca E. da Silva; Período: fev/06 a set/07.

Marcelo Basanelli; RG 24.426.430-2; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Elias M Ayres; Período: mar/05 a set/07.

Maria Dalva de Souza Dezan; RG 15836091; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: José M. Toledo; Período: mar/05 a set/07.

Maria Eugenia da Silva de Oliveira; RG 9.731.794-9; Titular de cargo: diretora- SQE II - QM; Unidade escolar: Jeronymo Gallo; Período: fev/06 a ago/08.

Maria Lúcia Ferraz; RG 32.993.692-X; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Mello Moraes; Período: mar/04 a jul/06.

Maria Patricia Menezes Zenero; RG 15451995; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Pedro Moraes Cavalcanti; Período: fev/04 a set/05

Mariana Feiteiro Cavalari; RG 44.088.709-4; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Francisco Mariano; Período: mar/06 a mar/07

Marlene de Fátima Gadotti; RG 17.671.608; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Abigail a Grillo; Período: jan/06 a jun/08.

Renata Chiarini Alves Bueno; RG 26.849.517-8; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: Olívia Bianco; Período: mar/05 a set/07

Rudinei F. Funes; RG 16887470; Titular de cargo: PEB II- SQE II - QM; Unidade escolar: João Guidotti; Período: mar/04 a jul/05

Vagner Ap.de Nicolai Hernandes; RG 23.540.600-4; Titular de cargo: PEB II- SQE II - QM;Unidade escolar: Catharina C. Padovani; Período: set/03 a set/05;

que foi concedida, com fundamento no Inciso I do artigo 2º do Decreto 48.298/03 c/c o Inciso do artigo 4º da Res. SE.nº

Print

RN-007/2018

SCHOLARSHIPS ABROAD

Establishes the general and specific rules for the following types of scholarships abroad: Senior Internship (ESN), Post-Doctoral Studies Abroad (PDE), Sandwich Doctorate Abroad (SWE), Full Doctorate Abroad (GDE), Technological Development and Innovation Abroad (Junior - DEJ) and (Senior - DES), and Professional Master's Degree Abroad (MPE).

The President of the NATIONAL COUNCIL FOR SCIENTIFIC AND TECHNOLOGICAL DEVELOPMENT - CNPq, in the exercise of the powers conferred upon him by Decree No. 8,866 of October 3, 2016, considering the Legal Framework for Science, Technology and Innovation - Constitutional Amendment No. 85/2015, of February 26, 2015, Law No. 13,243/2016, of January 11, 2016 and Decree No. 9,283/2018, of February 7, 2018 - and in accordance with the decision of the Executive Board at its 3rd (third) meeting of March 1, 2018,

Repeals: RN-029/2012 and its amendments.

RESOLVE:

To establish general and specific rules for the following types of scholarships abroad:

- Senior Internship (ESN)
- Postdoctoral Fellowship Abroad (PDE)
- Sandwich Doctorate Abroad (SWE)
- Full Doctorate Abroad (GDE)
- Technological Development and Innovation Abroad (Junior - DEJ) and (Senior - DES)
- Professional Master's Degree Abroad (MPE)

I - GENERAL RULES

1. Request

1.1. It is done by researchers or students through the *Electronic Proposal Form* , according to the *Scholarship Application Calendar* or specific call for proposals.

2. Judgment

2.1. The evaluation and classification of proposals are carried out in the following stages:

a) analysis by the technical area;

b) analysis by *ad hoc* consultants , when applicable;

c) comparative merit analysis and classification of proposals by Advisory Committees or Judges;
d) final decision by the Board of Directors, based on the CNPq's financial availability.

2.2. The opinion issued by the Advisory or Judging Committee must take into account the following aspects:
a) the merit of the proposal; b) the opinions of the technical area and *ad hoc*
consultants , when applicable; c) the specificities of the modalities.

2.3. The curricula to be considered in the evaluation will be those available on the Lattes Platform.

3. Grant

3.1. The results of the evaluations will be published in the Official Gazette of the Union (DOU), on the CNPq website, and through electronic notification to the candidate.

3.2. Candidates may appeal the result using a specific *online* form , available on the CNPq Electronic Platform, within 10 calendar days after the publication of the result in the Official Gazette of the Union (DOU) and on the CNPq website.

3.3. Grants awarded abroad require that the recipient has been accepted by the institution executing the project to develop their proposal.

3.4 . For approved proposals, the communication of the evaluation result will include a *link* to the *Supplementary Data Form* and the *Grant Agreement.*

3.4.1. After receiving the *Supplementary Data Form* and the *Grant Agreement* , CNPq will send the *Letter of Benefits* to the email address of the scholarship recipient registered in their Lattes Curriculum, with a key for electronic verification of the document's authenticity.

3.4.2. The candidate must issue *a Power of Attorney* (model - Annex VII) granting powers to a person in Brazil to represent him/her in matters related to the CNPq scholarship. The document must be kept in the custody of the scholarship recipient's attorney.

3.5 . The duration of the scholarship will be determined by the period, in months, approved by CNPq and must comply with the provisions of the *Scholarship Application Calendar* or specific calls for proposals or programs published on the CNPq Portal. Once the implementation period has expired, the grant will be canceled.

3.6. Any requests for extension of the scholarship must be made before the end of the grant period, observing the deadline established in the specific regulations for this type of scholarship.

3.7. Scholarships granted through institutional quotas or to coordinators will have different implementation procedures, to be defined in specific calls for proposals.

4. Scholarship Payments

4.1. The monthly stipend amounts will be set by CNPq in a specific regulation, Table of Values for Scholarships Abroad .

4.2. For the payment of initial benefits, it is necessary that the approved candidate has completed and electronically submitted to CNPq the *Supplementary Data Form* and the *Grant Agreement* , within the deadline stipulated in the notification of approval of the grant.

4.3. Payment to the scholarship recipient will be made quarterly, via credit abroad, according to a schedule linked to the start date of the scholarship. The schedule is published in the Scholarship Application Calendar Abroad on the CNPq website.

4.3.1. For scholarship recipients residing or located in Brazil, CNPq will pay, according to the scholarship type, the installation allowance, health insurance, and travel allowance, through deposit into a personal current account, to be informed at the time of acceptance of the scholarship, in the *online Additional Data* form . Other benefits, such as the first three monthly scholarship payments and other specific allowances for each type of scholarship, will be credited to the scholarship recipient's card in advance of the start of the scholarship period.

4.3.1.1. In the case of deposits made into a current account, the amount will be credited in Brazilian currency, using the exchange rate (purchase) published by the Central Bank for the day immediately preceding the authorization of payment by CNPq. In the case of amounts transferred to the scholarship holder's card, these will be deposited in the currency of the destination country or, when not available, in US dollars.

4.3.1.2. CNPq is not responsible for any exchange rate fluctuations and taxes, with the beneficiary being responsible for the necessary transactions in Brazil for exchanging funds for foreign currency.

4.3.1.3. In Brazil, the scholarship card will be sent by mail to the mailing address registered in the Lattes Curriculum, with delivery conditional upon signature of the Acknowledgement of Receipt (AR).

4.3.1.4. Scholarship recipients who are residing in the destination country at the time of scholarship approval will not be entitled to the travel allowance for the outbound leg of the trip, nor to the settling-in allowance. There will also be no advance payment of the benefits listed in sub-item **4.3.1** . Payment will be credited to the scholarship recipient's card, which will be sent to the address abroad previously registered in the Lattes Curriculum as the mailing address.

4.1.3.5. From the end date of the scholarship abroad, the scholarship card will enter the cancellation process within a period of up to sixty days. (NR) [3]

4.4. The duration of the scholarship will be determined, preliminarily, based on the start date of the activities abroad reported by the scholarship recipient in the *Supplementary Data Form* . When the activities abroad begin up to the 15th day of the month, the scholarship will begin in the same month. If they begin on or after the 16th day of the month, the scholarship will begin in the following month.

4.5 . Up to 30 days after the start of activities, the scholarship recipient must submit **,** through the CNPq electronic platform, digital copies of the following documents, under penalty of suspension of the scholarship:

a) proof of boarding;
b) proof of enrollment or letter from the institution attesting to the start of activities; and

c) proof of health insurance coverage.

5. Scholarship Benefits

Scholarship benefits abroad include tuition stipends, travel allowance, settling-in allowance, health insurance, and fees, according to the specific requirements of each scholarship type. There are no benefits for dependents, except for full doctoral programs, as per specific regulations.

5.1. Monthly Fees

Tuition fees will be calculated according to the Table of Values for Scholarships Abroad.

5.2. Travel Allowance

5.2.1. CNPq will deposit the amount corresponding to the travel allowance intended for the purchase of the airline ticket into the scholarship recipient's current account in Brazil. The allowance amounts will be defined considering market prices and fixed in the Table of Values for Travel Allowances Abroad . The scholarship recipient will be responsible for purchasing the airline ticket from the company/agency of their choice.

5.2.1.1. Scholarship recipients with a duration of six months or less will receive the travel allowance, in a single installment, corresponding to the cost of round-trip airfare.

5.2.2. For scholarships lasting more than six months, the travel allowance corresponding to the return trip to the country will be deposited along with the last monthly payment.

5.2.3. Travel allowance will not be granted to scholarship recipients residing in the country where the activities foreseen in the approved project/work plan will be carried out. In these cases, a travel allowance at the end of the scholarship may be granted upon request by the beneficiary at least 60 days before the scholarship expires.

5.3. Installation Allowance

The installation allowance aims to cover part of the scholarship recipient's personal expenses related to their move abroad and will be paid according to the Table of Values for Scholarships Abroad only to scholarship recipients residing in Brazil.

5.4. Health Insurance

Health insurance is intended for contracting with a company that offers coverage for medical and hospital expenses to the scholarship recipient and their dependents in the case of a full doctorate program.

5.4.1. It is mandatory for the scholarship recipient to have health insurance and provide proof thereof as per sub-item **4.5 ,** paragraph c.

5.4.2. The health insurance values are established in the Table of Values for Scholarships Abroad.

5.4.3. For scholarships with a duration of less than 12 months, health insurance will be proportional to the duration of the scholarship.

5.5. Tuition Fees

Tuition fees are intended to cover expenses required by the institution, necessary for enrollment. The estimated annual amounts should be provided by the applicant on the application submission form.

5.6. Bench Fees

Bench fees, when applicable, are intended to cover the expenses required by the institution for carrying out scientific and technological research activities by the doctoral sandwich or full doctoral scholarship holder. The amounts must be informed by the candidate in the proposal submission form.

6. Supplementing Scholarships from Other Institutions

6.1. CNPq allows co-financing of scholarships granted by foreign or international institutions, provided that prior authorization is obtained from the Director of the area.

6.2. CNPq will not supplement the amounts or periods of scholarships granted with resources from the National Treasury.

6.3. Simultaneous remuneration for the scholarship is permitted, along with temporary and/or partial remuneration received by the scholarship recipient as a *Teaching* or *Research Fellowship* , provided that the scholarship recipient's supervisor declares that such activities do not interfere with the progress of the course.

7. Obligations of the Scholarship Recipient

7.1. To dedicate oneself to the activities foreseen in the project or work plan approved by CNPq, during the term of the scholarship.

7.1.1. The CNPq authorizes the scholarship recipient's visit to Brazil during the scholarship period under exceptional, duly justified circumstances.

7.1.1.1. For evaluation of the request, a justification must be presented, accompanied by the relevant documentation. If the duration exceeds 15 days, the scholarship payment will be suspended.

7.2. To act as an *ad hoc* consultant , issuing opinions on research projects when requested. Failure to comply with this provision will result in suspension of the scholarship.

7.3. Request prior authorization for any changes related to the research project, work plan, or the scholarship itself, which will be subject to review by CNPq.

7.4. Return to CNPq any benefits unduly paid, within a maximum period of 30 days.

7.5. Return to Brazil within 30 days of the scholarship's expiration date and remain in the country for a period no shorter than the scholarship's duration.

7.5.1. At the request of the scholarship recipient and upon demonstration that their stay abroad will have strategic relevance for the development of Science, Technology and Innovation in Brazil, CNPq may replace the obligation of return and stay in Brazilian territory with other obligations that ensure reimbursement of the investment made by the country in the scholarship

recipient's training.

7.6. Works produced or published, in any media, as a result of activities supported by CNPq, must necessarily refer to the support received, with the following expressions, in the language of the work:
a) "This work was carried out with the support of CNPq, National Council for Scientific and Technological Development - Brazil" or
b) "CNPq Scholarship holder - Brazil".

7.7. Failure to comply with the regulations obligates the scholarship recipient to fully reimburse CNPq for all expenses incurred on their behalf, as stipulated in the specific CNPq Normative Resolution on reimbursement, under penalty of registration of the resulting debt in the Federal Government's Active Debt and in the Federal Public Sector's Information Registry of Unpaid Credits - CADIN.

7.7.1. CNPq may, exceptionally, grant a release from responsibility in cases where training is unsuccessful. Cases of failure will be decided by the Area Director.

8. Suspension and Cancellation

8.1. Temporary suspension of the scholarship, with subsequent reactivation, may be requested, provided that its termination date is respected.

8.2. The scholarship may be suspended or cancelled at the request of the scholarship recipient or their supervisor, or at the initiative of CNPq, always with due justification.

8.2.1. The CNPq technical staff, assisted by *ad hoc* consultants when necessary, will analyze the scholarship recipient's situation and determine whether the scholarship should be suspended or canceled. The final decision will rest with the General Coordination.

8.3. The reactivation of a suspended scholarship, when applicable, must be requested at least 30 days in advance.

9. Monitoring, Evaluation and Closure

9.1 . The scholarship recipient's performance will be monitored by CNPq through analysis of reports or other forms of monitoring defined according to the specificities of the program.

9.1.1. The project execution report must be submitted by the scholarship recipient through the CNPq electronic platform no later than 60 days after the scholarship ends.

9.2 . The process will be closed when the beneficiary:
a) submits proof of travel expenses used;
b) submits the specific documents required for the closure of the process;
c) has the project execution report approved by CNPq;
d) has no outstanding financial obligations to CNPq related to the process; and

e) fulfills the terms agreed upon in the *Grant Agreement* .

10. Final Provisions

10.1. These rules apply to all types of scholarships granted with CNPq budgetary resources. Scholarships granted under agreements and contracts with other institutions, strategic programs, or with resources from Sectoral Funds may have different provisions.

10.1-A. Public Call notices may not provide for equivalence of different qualifications, either in the eligibility criteria or in the judgment criteria.[2]

10.2. Supervisors and/or coordinators are prohibited from granting scholarships to spouses, partners, or relatives in the direct, collateral, or affinity line, up to and including the third degree.

10.3. It is forbidden to accumulate a CNPq scholarship with another scholarship granted with resources from the National Treasury.

10.4. Omitted or exceptional cases will be analyzed by the area's Directorate.

10.5. This Normative Resolution enters into force on the date of its publication and repeals RN-029/2012, RN-025/2013, RN-010/2013, RN-051/2014, RN-009/2014, RN-030/2015, RN-024/2015, RN-017/2015, RN-012/2015, RN-009/2015, RN-028/2016; RN-005/2017 and other conflicting provisions.

II - SPECIFIC RULES

Annexes :

I - Senior Internship

II - Post-Doctoral Studies Abroad

III - Sandwich Doctorate Abroad

IV - Full Doctorate Abroad

V - Technological Development and Innovation Abroad (Junior - DEJ) and (Senior - DES)

VI - Professional Master's Degree Abroad

III -

Attached Model:

VII - Power of Attorney

Brasilia, April 12, 2018.

MARIO NETO BORGES

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Annex I

Senior Internship (ESN)

1. Purpose:

To provide the researcher with the opportunity to develop a research project, or part of it, at a foreign institution.

2. Requirements and Conditions

2.1. For the candidate:

a) be a level 1 researcher at CNPq;

b) have an affiliation with a research institution in Brazil;

2.2. For the host institution:

- to be internationally recognized in the candidate's area of interest.

2.3. For the host researcher:

- to have recognized competence in the project area.

3. Duration

- Three to six months.

4. Benefits

a) Monthly stipends, calculated according to the Table of Values for Scholarships Abroad;

b) Travel allowance;

c) Installation allowance;

d) Health insurance.

5. Essential documents for registration:

a) Electronic Proposal Form ;

b) Curriculum vitae registered on the Lattes Platform ;

c) Project/Work plan.

6. Criteria for candidate selection

Candidates will be selected based on their curriculum vitae, the international standing of the host institution, the quality of the work plan, and ranked in comparison with other candidates.

7. Documents to be obtained by the scholarship recipient by the deadline for submitting proposals and kept in their custody until the end of the process:

a) Formal consent from the host institution;

b) Agreement of the host researcher with the proposed activities; and

c) Updated permanent visa in Brazil, in the case of a foreign researcher.

8. Essential documents for closing the process :

Annex II

Postdoctoral Studies Abroad (PDE)

1. Purpose:

To enable researchers to enhance and update their knowledge through internships and the development of projects with innovative scientific or technological content at an institution abroad.

2. Requirements and Conditions

2.1 . For the candidate:

a) hold a doctoral degree at the time the scholarship is implemented;

b) dedicate themselves fully to the activities programmed at the host institution;

c) for former doctoral scholarship holders abroad from a national agency, observe the minimum stay in Brazil required by the agency;

d) fulfill a minimum interval of 3 years between two Post-Doctoral Fellowships Abroad with a CNPq scholarship; and

e) be Brazilian or a foreigner with a permanent visa in Brazil.

2.2. For the host institution:

- to be internationally recognized in the candidate's area of interest.

2.3. For the supervisor:

- to have recognized competence in the project area.

3. Duration

3.1. The scholarship duration is six to twelve months, with the possibility of extension, provided that it does not exceed a total of 24 months.

~~**3.2.** In the case of childbirth or adoption occurring during the scholarship period and formally communicated by the scholarship recipient to CNPq, the scholarship will be extended for up to four months.~~

3.2. The scholarship period, which has a minimum duration of 12 (twelve) months, may be extended for up to 6 (six) months, pursuant to Article 2 of Law No. 13,536, of December 15, 2017, in the event of childbirth, adoption, or obtaining legal guardianship for adoption purposes, provided that the scholarship holder's temporary absence from academic or research activities is formally proven and communicated to CNPq.[4]

3.2.1. The request must be sent to CNPq (atendimento@cnpq.br), accompanied by supporting documents proving birth, adoption, or legal guardianship, as applicable, within 60 (sixty) days prior to the end of the scholarship period.
3.2.2. The extension of the scholarship period will correspond to the period of temporary absence of the scholarship holder from academic activities, respecting the established limit of up to 6 (six) months, conditional on the validity of the project and the prior consent of the advisor or supervisor abroad.
3.2.3. The extension may not be granted to more than one scholarship holder when it results from the same adoption or guardianship process.

4. Benefits

a) Monthly stipends, calculated according to the Table of Values for Scholarships Abroad;
b) Travel allowance;
c) Settling-in allowance; and
d) Health insurance.

5. Essential documents for registration:

a) Electronic Proposal Form ;
b) Candidate's curriculum vitae registered on the Lattes Platform ;
c) Supervisor's curriculum vitae;
d) Research project;
e) Supervisor's agreement with the proposed activities; and
f) Confirmation from the supervisor that knowledge of the language of the destination country is sufficient for the development of the planned activities.

6. Criteria for candidate selection

Candidates will be selected based on their curriculum vitae, the supervisor's curriculum vitae, the international standing of the host institution, and the quality of the project, and ranked in comparison with other candidates.

7. Document to be obtained by the scholarship recipient by the deadline for submitting proposals and kept in their possession until the end of the process:

- current permanent visa in Brazil, in the case of a foreign researcher.

8. Scholarship Extension

Any requests for extension must be specifically submitted up to 60 days before the scholarship expires.

9. Essential documents for closing the process :

- Specific: statement from the supervisor regarding the activities carried out by the scholarship recipient.

Annex III

~~**Sandwich PhD Abroad (SWE)**~~

~~**1. Purpose:**~~

~~To support students formally enrolled in a doctoral program in Brazil who demonstrate qualifications to take advantage of opportunities abroad for in-depth theoretical research, data collection and/or processing, or partial development of the experimental part of their thesis to be defended in Brazil.~~

~~**2. Requirements and Conditions**~~

~~**2.1.** For the candidate:~~

~~a) be formally enrolled in a doctoral program in Brazil recognized by CAPES;~~

~~b) not be retired;~~

~~c) have knowledge of the language used at the host institution;~~

~~d) have the approval of the postgraduate program coordinator and supervisors in Brazil and abroad; and~~

~~e) be Brazilian or a foreigner with permanent residency in Brazil.~~

~~**2.2.** For the supervisor at the host institution:~~

~~- be a researcher with a consolidated and relevant academic output for the complementary development of the doctoral thesis.~~

~~**3. Duration**~~

~~**3.1** . From three to 12 months. Extension is permitted, respecting the maximum duration of the scholarship.~~

~~3.1.1. The total duration of the PhD scholarship in Brazil, added to the period of the Sandwich PhD abroad, may not exceed 48 months.~~

~~3.1.2. In cases of joint supervision between Brazilian and foreign universities, as provided for in specific agreements, the period may be extended up to 24 months abroad. Joint supervision is understood to mean the situation in which the doctoral degree is issued by both participating institutions.~~

~~**4. Benefits:**~~

~~a) Monthly stipends, calculated according to the Table of Values for Scholarships Abroad;~~

~~b) Travel allowance;~~

~~c) Settling-in allowance;~~

~~d) Health insurance;~~

~~e) Tuition fees; and~~

~~f) Bench fees.~~

5. Essential documents for registration:

a) Electronic Proposal Form ;

b) Curriculum vitae of the scholarship applicant registered on the Lattes Platform ;

c) Curriculum vitae of the supervisor abroad;

d) Work plan and/or research project for the scholarship period;

e) Formal approval from the coordinator of the postgraduate course in which the applicant is enrolled;

f) Formal approval from the host institution issued by the body responsible for the applicant's admission, including information on the language and minimum proficiency level required;

g) Agreement from supervisors in Brazil and abroad regarding the proposed activities; and

h) Confirmation from the supervisor abroad that the applicant has sufficient knowledge of the language required for the development of the planned activities.

6. Criteria for candidate selection

Candidates will be selected based on their curriculum vitae, the curriculum vitae of their supervisor abroad, the merit of the proposal, the international standing of the research group abroad, and ranked in comparison with other candidates.

7. Document to be obtained by the scholarship recipient before signing the Grant Agreement and kept in their possession until the end of the process:

- current permanent visa in Brazil, in the case of a foreign researcher.

8. Scholarship Extension

Any requests for extension must be submitted using a specific *online* form , up to 30 days before the scholarship expires.

9. Essential documents for closing the process :

- Specific: evaluations from supervisors in Brazil and abroad.

Sandwich PhD Abroad (SWE)

1. Purpose

To support students formally enrolled in a doctoral program in Brazil who demonstrate qualifications to take advantage of opportunities abroad for in-depth theoretical research, data collection and/or processing, or partial development of the experimental part of their thesis to be defended in Brazil.

2. Requirements and Conditions

2.1. For the candidate:

a) be formally enrolled in a doctoral program in Brazil recognized by CAPES;

c) to have knowledge of the language used at the host institution;

d) have the approval of the postgraduate course coordinator and the supervisors in Brazil and abroad;

e) be Brazilian or a foreigner with permanent residency in Brazil.

2.2. For the supervisor at the host institution:

- to be a researcher with a consolidated and relevant academic output for the complementary development of the doctoral thesis.

3. Duration

3.1 . From 3 to 12 months. Extension is permitted, respecting the maximum duration of the scholarship.

3.1.1. The total duration of the PhD scholarship in Brazil, added to the period of the Sandwich PhD abroad, may not exceed 48 months.

3.1.1.1 In the event that the doctoral degree is not obtained due to abandonment or withdrawal on one's own initiative, without force majeure or due to non-compliance with the regulations, the amounts invested in the Sandwich Doctorate Abroad will be added to the doctoral scholarship in the country, for the purpose of reimbursement to CNPq.

3.1.2. In cases of joint supervision between Brazilian and foreign universities, as provided for in specific agreements, the period may be extended up to 24 months abroad. Joint supervision is understood to mean the situation in which the doctoral degree is issued by both participating institutions.

4. Benefits:

a) Monthly fees, calculated according to the Table of Values for Scholarships Abroad;

b) Travel allowance;

c) Installation Assistance;

d) Health Insurance;

e) School Fees and

f) Bench Fees.

5. Required documents for registration:

a) Electronic Proposal Form;

b) Curriculum vitae of the scholarship applicant registered on the Lattes Platform;

c) Curriculum vitae of the supervisor abroad;

d) Work plan and/or research project for the scholarship period;

e) Formal approval from the coordinator of the postgraduate course in which the student is enrolled;

f) Formal approval from the host institution issued by the body responsible for the candidate's admission, including information on the language and minimum proficiency level required;

g) Agreement from supervisors in Brazil and abroad regarding the proposed activities; and
h) Confirmation from the supervisor abroad that the candidate has sufficient knowledge of the language required to carry out the planned activities.

6. Criteria for selecting candidates

Candidates will be selected based on their curriculum vitae, the curriculum vitae of their foreign supervisor, the merit and relevance of the proposal, the international standing of the research group abroad, and ranked in comparison to other candidates.

7. Document to be obtained by the scholarship recipient before signing the Grant Agreement and kept in their possession until the process is completed:

- current permanent visa in Brazil, in the case of a foreign researcher.

8. Extension of the Scholarship

Any requests for extension must be submitted using a specific *online* form , up to 30 days before the scholarship expires.

9. Essential documents for closing the process:

- Specifics: evaluations of supervisors in the country and abroad. [1]

Annex IV

Full Doctorate Abroad (GDE)

1. Purpose:
To train doctoral students abroad at institutions of recognized excellence, in areas of knowledge considered to be at the forefront of scientific and technological development, and in those strategic areas defined by the CNPq Deliberative Council.

2. Requirements and Conditions for the Candidate:
a) be Brazilian or a foreigner with permanent residency in Brazil;
b) have proficiency in the language required for the course;

3. Duration

3.1. The scholarship duration is up to 48 months.

~~**3.2.** In the event of childbirth or adoption occurring during the scholarship period and formally communicated by the scholarship recipient to CNPq, the scholarship period will be extended for up to four months.~~

3.2. The scholarship period, which has a minimum duration of 12 (twelve) months, may be extended for up to 6 (six)

months, pursuant to Article 2 of Law No. 13,536, of December 15, 2017, in the event of childbirth, adoption, or obtaining legal guardianship for adoption purposes, provided that the scholarship holder's temporary absence from academic or research activities is formally proven and communicated to CNPq. [4]

3.2.1. The request must be sent to CNPq (atendimento@cnpq.br), accompanied by supporting documents proving birth, adoption, or legal guardianship, as applicable, within 60 (sixty) days prior to the end of the scholarship period.
3.2.2. The extension of the scholarship period will correspond to the period of temporary absence of the scholarship holder from academic activities, respecting the established limit of up to 6 (six) months, conditional on the validity of the project and the prior consent of the advisor or supervisor abroad.
3.2.3. The extension may not be granted to more than one scholarship holder when it results from the same adoption or guardianship process.

4. Benefits:

a) Monthly stipends, calculated according to the provisions of sub-items 4.1 and 4.2 below and the Table of Values for Scholarships Abroad;
b) Travel Allowance;

I. CNPq will deposit into the scholarship recipient's current account in Brazil the amount corresponding to the travel allowance **for** the scholarship recipient and up to two dependents, when applicable.

II. The travel allowance corresponding to the return trip to Brazil (including up to two dependents) must be requested by the scholarship recipient from the Postgraduate and Research Scholarships Abroad Service - SEBPE, email: sebpe@cnpq.br, at least 30 days before the scheduled travel date.

III. Scholarship recipients who marry during the scholarship period will not be entitled to the travel allowance for dependents, but only to the return allowance upon their return to Brazil.

c) Installation Allowance;
d) Health Insurance;

I. When a dependent is included in a fully implemented Doctoral scholarship, health insurance will be paid proportionally to the remaining period until the end of the scholarship term.1

e) Tuition Fees;
f) Bench Fees; and
g) Field research, when foreseen in the original proposal, for a maximum period of 12 months if carried out in Brazil, and six months abroad.

4.1. Parameters for Calculating the Scholarship Amount

The calculation of the full PhD scholarship amount will consider the recipient's family situation and the destination country.

4.1.1. A maximum of two dependents may be included.

4.1.2. The following are considered dependents:
a) the spouse;
b) the partner who proves a stable union, through the presentation of documents recognized/valid under current legislation.

I. The existence of a child in common dispenses with the need to prove a stable union, the presentation of the birth certificate being sufficient.

c) unmarried child or stepchild under 18 years of age;

d) unmarried child or stepchild over 18 years of age and up to 24 years of age, enrolled in an undergraduate course in the same country of destination as the scholarship recipient and who lives under the economic dependence of the latter;

e) child or stepchild over 18 years of age, disabled or incapacitated, as considered by law, who lives under the economic dependence of the scholarship recipient;

f) minor who lives under the economic dependence of the scholarship recipient, spouse or partner under the protection of a court order that fulfills, where applicable, the requirements mentioned in "c", "d" or "e".

4.1.3. When spouses are beneficiaries of CNPq full doctoral scholarships, only one of them will be entitled to the additional allowance for dependents, as well as the amounts for health insurance, travel allowance, and settling-in allowance.

4.1.3.1. When scholarships begin simultaneously, the couple must indicate which scholarship the dependents, if any, will be linked to.

4.1.3.2. When scholarships have different end dates, dependents may be linked to the other scholarship for the remaining period. This linkage does not exempt scholarship recipients from their commitment to return to Brazil upon completion of the scholarship of the spouse who remains pursuing their studies.

4.1.4. When one spouse receives a full PhD scholarship from CNPq and the other receives a scholarship from any other agency, only the CNPq scholarship recipient will be entitled to the travel allowance.

4.1.5. A scholarship recipient who marries a foreigner will be entitled to have the foreigner included as a dependent, upon presentation of:

a) a marriage certificate or document issued/legalized by the competent consular authority; and

b) a declaration stating that the foreign spouse has no employment relationship and does not receive a scholarship.

4.2. Calculation of the Scholarship Value

4.2.1. The basic value of the Full Doctorate scholarship will be increased by amounts resulting from the family situation, which will only be implemented upon a declaration by the candidate that the dependents will effectively accompany him/her during the scholarship period, for an uninterrupted period equal to or greater than nine months.

4.2.2. CNPq will make the payment of the corresponding increase starting from the date informed by the scholarship recipient for the dependent's travel, which must be proven by submitting a scanned copy of the travel voucher within a maximum period of 60 days.

4.2.3. After its implementation, the scholarship amount may be altered due to changes in family circumstances or by CNPq decision. It is the scholarship recipient's responsibility to inform CNPq of any and all changes in their family circumstances.

4.2.3.1. When the variation implies an increase in the scholarship amount, its implementation will be retroactive to the date of the event, and the scholarship recipient will have 90 days to send the marriage and birth certificates to CNPq.

4.2.3.2. When the variation implies a decrease in the value of the scholarship, its implementation will be retroactive to the date of the event that caused it, upon declaration by the scholarship recipient or verification by CNPq of the change in family circumstances.

4.2.4. The functional or employment relationship of any dependent, even if acquired abroad, will result in their exclusion from the calculation of the scholarship amount.

5. Essential Documents for Registration:

a) Electronic Proposal Form ;

b) Curriculum Vitae registered on the Lattes Platform ;

c) Curriculum Vitae of the supervisor abroad;

d) Research Project;

e) Agreement of the supervisor abroad regarding the execution of the proposed project;

f) Formal approval from the host institution issued by the body responsible for the candidate's admission, including information on the language and minimum proficiency level required for the doctorate;

g) Proof of proficiency in the language to be used in the doctorate required by the host institution;

h) Academic Transcript from the candidate's last stage of education (undergraduate or master's degree).

6. Criteria for candidate selection.

6.1. Candidates will be selected based on their curriculum vitae, the curriculum vitae of their foreign supervisor, the merit of the proposal, the international standing of the research group abroad, and ranked in comparison with other candidates.

6.2. The inclusion of the project in the strategic areas defined by the CNPq Deliberative Council or in a specific Program, as well as the candidate's employment in Brazil, are favorable factors for granting the scholarship.

7. Document to be obtained by the scholarship recipient by the deadline for submitting proposals and kept in their possession until the end of the process:

- Updated permanent visa in Brazil, in the case of a foreigner.

8. Monitoring and Evaluation

8.1. The scholarship recipient will be evaluated annually. The continuation of the scholarship is contingent upon the presentation to CNPq of the documents listed in the following sub-item, at least 60 days before the end of each scholarship year, as mentioned in the scholarship grant letter sent to the recipient.

8.2 . Essential documents for monitoring and evaluation to be submitted to CNPq via the CNPq electronic platform, under penalty of scholarship cancellation:

a) Technical report of the activities developed;

b) Work plan for the subsequent period;

c) Doctoral academic transcript, if applicable; and

d) Confidential opinion from the supervisor abroad, regarding the scholarship recipient's performance, and agreement with the work plan for the next period, in a specific form.

8.3 . If the scholarship recipient's performance is deemed unsatisfactory, the scholarship may be cancelled.

9. Field Research

9.1. Purpose

To support CNPq-funded PhD scholarship recipients studying abroad who need to collect and process data or partially develop their thesis.

9.2. Requirements and Conditions

The need for field research must be foreseen in the initial work plan. Cases not foreseen in the original proposal, duly justified and with the consent of the supervisor abroad, will be decided by the CNPq Board.

9.3. Duration

: Up to 12 months if conducted in Brazil, and up to six months if conducted abroad.

9.3.1. The total duration of the doctoral scholarship, including the field research period, may not exceed 48 months.

9.4. Benefits:

a) Travel allowance according to the approved work plan.

b) Monthly stipend:

I. Field research lasting up to three months: maintenance of the monthly stipend of the scholarship granted;

II. Field research lasting more than three months: payment of the monthly stipend equivalent to the doctoral scholarship in the country where the field research will be carried out.

9.5. Essential documents for requesting Field Research to be submitted to CNPq via the CNPq electronic platform, at least 60 days before the scheduled travel date:

a) Schedule of activities to be developed, including travel dates;

b) Letter from the host institution agreeing to the development of the proposed plan at its facilities, when applicable;

c) Consent from the supervisor abroad.

10. Scholarship Extension

Any requests for extension must be submitted using a specific *online* form 60 days before the scholarship expires.

11. Essential documents for closing the process :

- Specific: digital copy of the certificate or diploma conferring the degree.

12. Junior Postdoctoral Fellowship in Brazil

CNPq full doctoral fellows abroad, without employment ties in Brazil, will have priority in the granting of a Junior Postdoctoral Fellowship in Brazil, observing the Fellowship Application Calendar and the criteria and requirements of the modality set forth in specific regulations.

Annex V

Technological Development and Innovation Abroad (Junior - DEJ) and Senior - DES)

1. Purpose

: To support the participation of specialists, technologists, and technical-scientific personnel in the development of research projects, studies, training, and capacity building at leading institutions abroad, through internships and courses.

2. Requirements and Conditions for the Candidate

: a) be Brazilian or a foreigner with regular immigration status in Brazil;

b) have training compatible with the level and purpose of the internship or course;

c) have knowledge of the language used in the course/institution of destination; and

3.

Maximum duration of 12 months.

4. Benefits:

a) Monthly stipends, calculated according to the Table of Values for Scholarships Abroad;

b) Travel allowance;

c) Installation allowance, except for candidates residing abroad;

d) Health insurance.

5. Minimum criteria for

DEJ classification - Higher level professional.

DES - Professional with a higher education degree and at least five years of effective experience in research, development, or innovation activities, or who, even without the required experience time and as stipulated in a specific call for applications, demonstrates outstanding scientific and technological production.

6. Essential documents for registration:

a) Electronic Proposal Form ;

b) Curriculum Vitae registered on the Lattes Platform ;

c) Internship work plan or course program;

d) Letter of acceptance from the institution abroad; and

e) Document proving proficiency in the language required for the development of the activities or a letter from the host institution attesting that the candidate has sufficient knowledge of the language to carry out the activities.

7. Criteria for candidate selection

Candidates will be selected based on their curriculum vitae, the merit of their proposal, and the benefits and results that may arise from training abroad.

8. Document to be obtained by the scholarship recipient by the deadline for submitting proposals and kept in their possession until the end of the process:

- Proof of regular immigration status in Brazil, in the case of a foreign researcher.

9. Essential documents for closing the process :

- Specific: declaration from the foreign institution attesting to the completion of the activities foreseen in the work plan or certificate of completion of the course.

Annex VI

Professional Master's Degree Abroad (MPE)

1. Purpose:

To train professionals abroad at the master's level, in institutions of excellence, focused on quality, entrepreneurship, and competitiveness in areas of knowledge considered to be at the forefront of scientific and technological development, and in those strategic areas defined by CNPq (Brazilian National Council for Scientific and Technological Development).

2. Requirements and Conditions for the Candidate :

a) be Brazilian or a foreigner with permanent residency in Brazil;

b) have completed a higher education degree;

c) not hold a doctoral degree;

3. Duration

3.1. Up to 12 months, with the possibility of extension, provided that it does not exceed a total time of 24 months.

~~**3.2** . In the event of childbirth or adoption occurring during the scholarship period and formally communicated by the scholarship recipient to CNPq, the scholarship period will be extended for up to 4 months.~~

3.2. The scholarship period, which has a minimum duration of 12 (twelve) months, may be extended for up to 6 (six) months, pursuant to Article 2 of Law No. 13,536, of December 15, 2017, in the event of childbirth, adoption, or obtaining legal guardianship for adoption purposes, provided that the scholarship holder's temporary absence from academic or research activities is formally proven and communicated to CNPq. [4]

3.2.1. The request must be sent to CNPq (atendimento@cnpq.br), accompanied by supporting documents proving birth, adoption, or legal guardianship, as applicable, within 60 (sixty) days prior to the end of the scholarship period.
3.2.2. The extension of the scholarship period will correspond to the period of temporary absence of the scholarship holder from academic activities, respecting the established limit of up to 6 (six) months, conditional on the validity of the project and the prior consent of the advisor or supervisor abroad.
3.2.3. The extension may not be granted to more than one scholarship holder when it results from the same adoption or guardianship process.

4. Benefits:

a) Monthly stipends, according to the Table of Values for Scholarships Abroad;

b) Travel allowance;

I. CNPq will deposit the amount corresponding to the travel allowance for the scholarship recipient's **trip** into the scholarship recipient's current account in Brazil. II. The amount of the travel allowance corresponding to the **return trip** to Brazil must be requested by the scholarship recipient from the Postgraduate and Research Scholarships Abroad Service (SEBPE), email: sebpe@cnpq.br, at least 30 days before the scheduled travel date.

c) Installation allowance;

d) Health insurance;

e) Tuition fees.

5. Essential documents for registration:

a) Electronic Proposal Form ;

b) Candidate's curriculum vitae registered on the Lattes Platform;

c) Curriculum vitae of the supervisor abroad;

d) Graduation certificate;

e) Work Plan;

f) Agreement of the supervisor abroad with the execution of the proposed work plan;

g) Proof of proficiency in the language required by the host institution; and

h) Formal approval from the host institution issued by the body responsible for the candidate's admission, including information on the language and minimum proficiency level required for the master's program and tuition fees during the scholarship period, if applicable.

6. Criteria for candidate selection

6.1. Candidates will be selected based on their curriculum vitae, the curriculum vitae of their supervisor abroad, the merit of the proposal, the technical and scientific quality of the host institution, and ranked in comparison with other candidates.

6.2. The candidate's existing employment in Brazil, as well as exemption from tuition fees, are factors that favor the granting of the scholarship.

7. Scholarship Extension

7.1. Any requests for extension must be submitted using a specific *online* form , up to 60 days before the scholarship expires.

8. Essential documents for closing the process :

Specific: digital copy of the certificate or diploma conferring the degree.

Annex VII

POWER OF ATTORNEY

(TEMPLATE)

GRANTOR :

_____, _____

(Name) (Nationality)

_____, holder of identity card number _____, issued on __ / __/___

(Marital Status) (State)

registered with the CPF/MF under number _____ , residing and domiciled at _____

_____.

(Full Address)

GRANTED :

_____, _____

(Name) (Nationality)

_____, holder of identity card number _____, issued on __ / __/___

(Marital Status) (State)

registered with the CPF/MF under number _____ , residing and domiciled at _____

_____.

(Full Address)

POWERS :

The Grantor confers upon the Grantee specific powers to resolve issues related to the benefit granted to the Grantor in the CNPq Process No. _____, before the National Council for Scientific and Technological Development, as well as any public or private body or entity, including the Federal Court of Accounts (TCU), in addition to the special powers to compromise, withdraw, waive the right on which such benefit is based, receive and give receipt, enter into agreements, appeal, rectify declarations, receive notifications, summonses and subpoenas of any kind, hire a lawyer for the specific purpose of this grant, and may not subdelegate these powers, also performing all acts necessary for the proper and faithful performance of this mandate.

_____, ____ of _____ of _____.

(Place and Date)

_____

(Signature)

Note: Signature must be notarized.

[1] Amended by RN-029/2018 of 12/09/2018, published in the Official Gazette of the Union on 13/09/2018, Section 1, page 13.

[2] Included by PO-1182/2022, of 26/12/2022, published in the Official Gazette of the Union, on 28/12/2022, Section 1, page 28.

[3] Included by RE-8/2024, of 07/03/2024, published in the Official Gazette of the Union, on 11/03/2024, Section 1, page 6.

[4] New wording given by RE-21/2025 , Published in the Official Gazette of 5/9/2025, Section 1, Page 58.

Read the full article

permanent link to the standard

http://www.cnpq.br/we

Search

Modality	Purpose	Benefits	Duration	Monthly fee
Post-Doctoral Studies - PDE	To enable researchers to enhance and update their knowledge through internships and the development of cutting-edge scientific or technological projects at a center of excellence abroad.	Monthly stipend; settling-in allowance; health insurance; travel allowance, intended for the purchase of round-trip airfare.	From 6 to 12 months, with the possibility of extension up to a total scholarship period of 24 months.	$2,100; or C$2,660; or A$3,000; or €2,100; or ¥270,700; or £1,470, depending on the destination country of the scholarship.

Presentation

Published on 01/01/2015 at 03:23 Updated on 22/07/2025 at 10:51

The National Council for Scientific and Technological Development - CNPq, a public foundation linked to the Ministry of Science, Technology and Innovation, has as its main responsibilities to foster scientific, technological and innovation research and to promote the training of qualified human resources for research in all areas of knowledge.

Created in 1951, it plays a key role in the formulation and implementation of public policies for science, technology, and innovation. Its work is essential for national development and the recognition of Brazilian research institutions and researchers by the international scientific community. To learn more, consult the Organizational Chart and Internal Regulations of the Institution.

Mission

To promote scientific, technological and innovation research and contribute to public policies, in order to strengthen Brazil's development.

Vision

To be recognized by society as an essential institution of excellence in its field of Science, Te

Fact sheet

Decree No. 48,298, of December 3, 2003

This law addresses the implementation of Continuing Education Programs for members of the Teaching Staff of the Department of Education, as stipulated in Law No. 11,498 of October 15, 2003.

GERALDO ALCKMIN, Governor of the State of São Paulo, in the exercise of his legal powers and in view of the provisions of Law No. 11,498, of October 15, 2003 ,
Decree:
Article 1 - The Master's Scholarship Project is hereby established, which is part of the Continuing Education Program for educators of the Department of Education, with the purpose of providing education professionals with the opportunity to continue their studies in "stricto sensu" postgraduate courses.
§ 1.º - The Master's Scholarship referred to in the "caput" of this article shall be intended for holders of permanent positions in the Teaching Staff of the Department of Education, holding a full teaching degree and actively working in units of the state public school system.
§ 2.º - The postgraduate course must be recognized by the Coordination for the Improvement of Higher Education Personnel - CAPES, in the subject area of the position and/or in the field of education.
§ 3.º - The Project will be developed gradually, attending to candidates in the order below, and, in the event that there are no interested parties from a particular category, those from the others will be attended to successively:
1. classroom teachers;
2. coordinating teachers working in a school unit;
3. school principals working in school units;
4. teachers who are members of the Pedagogical Workshop;
5. teachers from the Computer Science Center;
6. teaching supervisors;
7. members of the Teaching Staff assigned to bodies of the Department of Education.
§ 4.º - Incentives for professional specialization will be granted observing, in order, the criteria of seniority and prior attendance at a master's or doctoral course, which was not completed.
§ 5.º - The granting of incentives will also comply with the provisions of article 6 of this decree.
Article 2 - The implementation of the Master's Scholarship Project will consist of:
I - financial aid of R$ 720.00 (seven hundred and twenty reais) per month, for up to 30 (thirty) months, to the educator who pursues postgraduate studies at a duly recognized public or private higher education institution; or
II - designation, without prejudice to salary and other benefits of the position, for up to 30 (thirty) months, with the Teaching Directorate of jurisdiction of the position, based on article 64, item II, of Complementary Law No. 444, of December 27, 1985 , releasing the employee from a workload of up to 16 (sixteen) hours per week to attend the postgraduate course.
§ 1.º - To participate in the Project, the educator must:
1. choose one of the benefits provided for in the items of this article;
2. prove that they have been admitted to a master's or doctoral course recognized by the Coordination for the Improvement of Higher Education Personnel - CAPES, in the area inherent to the discipline of the position held or in the area of education;

3. commit to remaining in the state public teaching service, after completing the course, for a minimum period of 2 (two) years.

§ 2.º - The educator who, after obtaining a master's or doctoral degree, does not remain in the state public teaching service for at least 2 (two) years, will be subject to repayment of the amount received.

§ 3.º - If the educator does not obtain a master's or doctoral degree, the following measures will be taken, in accordance with any supplementary instructions that may be issued:

1. deduction from salary of the amount corresponding to the financial aid granted; or
2. replacement of the reduced working hours in projects of the Department of Education.

Article 3 - The educator granted the incentive must periodically prove to the Department of Education the activities carried out in the course they are attending.

Article 4 - The educator's departure from the Project will result in the immediate cessation of the designation to provide services with reduced working hours or, if applicable, the financial aid, without prejudice to the provisions of paragraph 3 of article 2 of this decree.

Article 5 - The financial aid referred to in this decree shall not, under any circumstances, be incorporated into the salary of the member of the Teaching Staff.

Article 6 - The incentives consisting of financial aid and reduced working hours will be granted respecting the public interest and provided that there is no prejudice to the regular functioning of the unit to which the interested party belongs.

Article 7 - The expenses arising from the execution of this decree will be covered by the budgetary allocations of the Department of Education's Program Budget.

Article 8 - The Department of Education will issue supplementary regulations for the implementation of the Project hereby established.

Article 9 - This decree enters into force on the date of its publication.

Palácio dos Bandeirantes, December 3, 2003
GERALDO ALCKMIN
Gabriel Chalita
Secretary of Education
Arnaldo Madeira
Chief Secretary of the Civil House
Published in the Civil House, on December 3, 2003.

Step-by-step guide to becoming a CAPES scholarship recipient.

Check out the complete guide to understand each step and requirement to win a CAPES scholarship and boost your academic career.



QUERO MAGAZINE EDITORIAL TEAM | 06/10/2025

Many professionals who wish to pursue **postgraduate studies** dream of this next step in their careers precisely because they know that success is certain in the future. However, they are aware that the path – often long – involves additional effort and requires a great deal of planning, especially financial planning.

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>
> *Quiz: Which postgraduate course should I take?*

And it is at this point that scholarships from the **Coordination for the Improvement of Higher Education Personnel (** CAPES) become an important ally for students who want to pursue further education in a particular area.

It is possible to obtain CAPES scholarships from various institutions, and the benefit is usually **granted to students who demonstrate academic merit** . This financial aid can cover costs such as research, books, or registration fees for events related to the course of study.



> *Read more: What postgraduate courses can someone with a degree in Business Administration pursue?*
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How to become a CAPES scholarship recipient? See the step-by-step guide.

First, you need to understand that **scholarships are granted to universities** and not directly to you, the student. To be accredited by CAPES, institutions need to ensure that their postgraduate courses achieve a score equal to or higher than 3; in other words, **the higher the quality of the program, the greater the chances of having scholarship recipients approved.**

Scholarships are managed by the institutions and graduate programs, which are responsible for selecting and monitoring scholarship recipients. After the entire preliminary process (individual interview, analysis of the academic curriculum, and validation of the research project) and the acceptance procedures with the university, **CAPES deposits the benefit directly into the account of each selected student.**

Scholarship options also vary. In private educational institutions, there is the option of covering only tuition fees. In other cases, in addition to not paying for the course, the student also receives a monthly stipend.

> *Read also:* *Everything about the Lattes Curriculum, according to Capes + What are Capes' call*

Scholarships for Postgraduate Studies

What is the value of each Capes scholarship?

Starting in 2023, CAPES increased the amounts of research incentive grants. These adjustments were made to better support students in their academic projects, considering the current cost of living. The changes are as follows:

- **Master's degree** : the scholarship amount increased from **R$ 1,500** to **R$ 2,100** .
- **PhD** : increased from **R$ 2,200** to **R$ 3,100** .
- **Post-Doctoral Fellowship** : the benefit was adjusted from **R$ 4,100** to **R$ 5,200** .
- **Introduction to Teaching** : the allowance increased from **R$ 400** to **R$ 700** .

It is worth mentioning that the duration of the scholarships is **12 months , with annual renewal permitted. However, the maximum limit of 24 months for** master's degrees **and 48 months for** doctoral degrees must be respected , in addition to the conditions established for maintaining the support.

> *Read also:* *Step-by-step guide to registering your resume on the Lattes platform + Learn how to include your postgraduate studies on your resume*



Tips for getting a Capes scholarship

Below, we list some important points to keep in mind if you wish to pursue your **plans to become a scholarship recipient:**

1. **Good grades** always count – as does a good ranking on the college entrance exam;
2. To prepare a **project that is impressive** and will make anyone's eyes light up;
3. "Endless" **publications of** academic articles;
4. Working in **scientific initiation** ;
5. You need **to enjoy research** , research, and more research;
6. To meet **the criteria** established by CAPES.

Which postgraduate course should I take?

If you're still unsure which postgraduate program is best for you, taking a test can help you decide. It's **completely free**

Which postgraduate course to take?

Pursue postgraduate studies with a scholarship!

If you plan to return to your studies this year and are thinking about pursuing a postgraduate degree, you should know that it's possible to find courses with more affordable tuition fees.

Quero **Bolsa** , for example, can help you with that, because it's a platform that offers **scholarships of up to 80%** at **more than 1,000 educational institutions** throughout Brazil.

Find postgraduate scholarships

Understand how Quero Bolsa works.

If you're interested and want to know more about **how it works** , check out some articles below to better understand **how to get a scholarship** !

- Scholarships: Is Quero Bolsa reliable? How does it work?
- What is the difference between Prouni, Sisu, Fies, and Quero Bolsa? Find the best option for you.

Where to study with a discount

Below are some of the best educational institutions in Brazil that are partners with Quero Bolsa, and **check out the available offers.**

- Anhanguera
- Unialphaville
- Lebanon College
- Unyleya
- São Marcos College

Exhibit C: The Petitioner’s participation, either individually or on a panel, as a judge of the work of others in the same or an allied field of specialization for which classification is sought

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

Manuscript ID MOTRIZ-2023-0038 now in your Associate Editor Center

1 message

MOTRIZ JOURNAL <onbehalfof@manuscriptcentral.com> Wed, Sep 18, 2024 at 2:56 PM
Reply-To: motriz.rc@unesp.br
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18-Sep-2024

Dear Dr. Calvo:

Manuscript ID MOTRIZ-2023-0038 entitled "COMPLICATIONS, STRATEGIES, AND TYPES OF STRETCHING FOR VERTICAL JUMP PERFORMANCE: A SYSTEMATIC REVIEW" with Mr. Matheus Rossi Botti as contact author has been assigned to you and is currently sitting in your Associate Editor Center at https://mc04.manuscriptcentral.com/motriz-scielo.

Please select reviewers for this manuscript by 28-Sep-2024. If, for any reason, you are unable to serve as Associate Editor for this manuscript, please notify me immediately so that I can reassign it.

When assigning reviewers, be sure to check if the author has any suggested/non-preferred reviewers.

Sincerely,
Motriz
Motriz, Journal of Physical Education Editorial Office
motriz.rc@unesp.br

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

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18-Sep-2024

Dear Dr. Calvo:

Manuscript ID MOTRIZ-2023-0082 entitled "Association between physical performance and health indicators of federal highway police officers from the state of Ceará-Brazil." with Dr. Cíntia Botton as contact author has been assigned to you and is currently sitting in your Associate Editor Center at https://mc04.manuscriptcentral.com/motriz-scielo.

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When assigning reviewers, be sure to check if the author has any suggested/non-preferred reviewers.

Sincerely,
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Motriz, Journal of Physical Education Editorial Office
motriz.rc@unesp.br

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

Motriz, Journal of Physical Education - Manuscript ID MOTRIZ-2022-0171

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To: percivalcalvo.fab@gmail.com

01-Apr-2024

Dear Dr. Calvo:

Recently, you chose Reviewers for Manuscript ID MOTRIZ-2022-0171, entitled "Monitoring Training Load Measures Used in Indoor and Beach Volleyball: A Systematic Review." The manuscript has received the required number of reviews and is now ready for your recommendation.

Sincerely,
Dr. Cynthia Yukiko Hiraga
Editor-in-Chief, Motriz, Journal of Physical Education
cynthia.hiraga@unesp.br

About the Journal

Motriz is a scientific journal published since 1995. It is made available online by the Department of Physical Education of the Biosciences Institute of the University Estadual Paulista, located in Rio Claro, São Paulo, Brazil. Since 2016, Motriz has published articles exclusively in electronic format, accepting manuscripts written only in English. Motriz aims to disseminate knowledge in the area of Physical Education, accepting submissions of manuscripts from researchers and professionals involved in basic and applied research. We encourage contributions in various domains of Physical Education, including: Exercise Science, Biomechanics and Sport Performance, Physical Activity and Health Promotion, Sport and Physical Activity Psychology, Sport Pedagogy and Training, Adapted Physical Activity, Sociological

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SÃO PAULO STATE UNIVERSITY
"JÚLIO DE MESQUITA FILHO"
Institute of Biosciences – Rio Claro Campus
Department of Physical Education

TO WHOM IT MAY CONCERN

I hereby declare, for all due purposes, that Prof. Dr. Adriano Percival Calderaro Calvo is a member of the Editorial Board of Motriz: Journal of Physical Education, serving as Associate Editor since September 9, 2023, by invitation of this Editor-in-Chief.

His appointment to the Editorial Board is based on his recognized expertise in the areas of biomechanics and training and exercise metabolism, subjects of scientific relevance and aligned with the editorial scope of the journal.

This being all that is required of me at this moment, I remain respectfully yours..

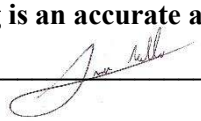
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Prof. Dr. Cynthia Yukiko Hiraga
Editor-in-Chief
Motriz: Journal of Physical Education

Dep. Educação Física

I, André Vinícius Inacio Penna Mello, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.



Date: August 18, 2025.

A QUEM POSSA INTERESSAR

Declaro, para os devidos fins, que o Prof. Dr. Adriano Percival Calderaro Calvo integra o Conselho Editorial da Motriz: Revista de Educação Física, atuando como Editor Associado desde 9 de setembro de 2023, a convite desta Editora-Chefe.

Sua nomeação para compor o Conselho Editorial fundamenta-se em sua reconhecida expertise nas áreas de biomecânica e metabolismo do treinamento e exercício físico, temáticas de relevância científica e alinhadas ao escopo editorial da revista.

Sendo o que me cabe para o momento, subscrevo-me atenciosamente.

Rio Claro-SP, 16 de junho de 2025

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Adriano Percival Calderaro Calvo



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Fábio Juner Lanferdini



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Orcid: https://orcid.org/0000-0003-4834-7188

Flávio Soares Alves



Lattes: http://lattes.cnpq.br/0847878711211793
Orcid: https://orcid.org/0000-0002-1698-6535

Fábio Santos de Lira



Lattes: http://lattes.cnpq.br/1329771683586073

Orcid: https://orcid.org/0000-0002-9645-1003

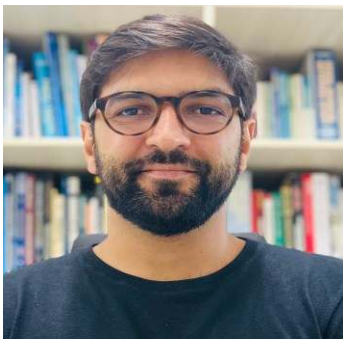
Bruna Barboza Seron



Lattes: http://lattes.cnpq.br/9820508975751716

Orcid: https://orcid.org/0000-0003-2453-1968

Eduardo Caldas Costa



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Orcid: https://orcid.org/0000-0003-2807-7109

Daniel Umpierre de Moraes



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Orcid: https://orcid.org/0000-0001-6953-0163

Michel Milistetd



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Camila de Moraes



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Orcid: https://orcid.org/0000-0003-3735-1165

Cinthia Lopes da Silva



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Orcid: https://orcid.org/0000-0002-7979-0337

Leonardo Lamas



Lattes: http://lattes.cnpq.br/9122582351005452
Orcid: https://orcid.org/0000-0003-2682-9856

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I, Raphael Michels Fantinato de Moura, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: April 10, 2025.**

Editores Associados

José Angelo Barela



Universidade Estadual Paulista (UNESP), Rio Claro, SP, Brazil.
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Flávio Soares Alves



Lattes: http://lattes.cnpq.br/0847878711211793
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Fábio Santos de Lira



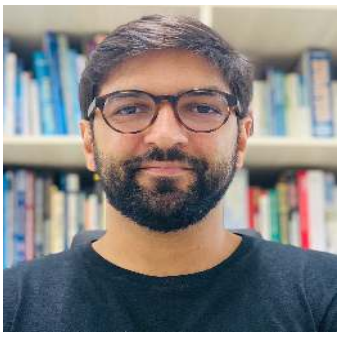
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Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

Invitation to review for Journal of Bodywork & Movement Therapies - [EMID:51557458559cdbc5]

1 message

JBMT Editorial Team <em@editorialmanager.com> Mon, Nov 4, 2024 at 5:00 PM
Reply-To: JBMT Editorial Team <support@elsevier.com>
To: Adriano PC Calvo <percivalcalvo.fab@gmail.com>

Manuscript Number: **YJBMT-D-24-00645**

Recaptured lives: The long-term embodied transformation of PTSD-affected Danish military veterans through Basic Body Awareness Therapy

Dear Calvo,

I would like to invite you to review the above referenced manuscript, as I believe it falls within your expertise and interest.

The abstract for this manuscript is included below.

You should treat this invitation, the manuscript and your review (as well as other reviewer comments shared with you) as confidential. You must not share your review or information about the review process with anyone without the agreement of the editors and authors involved, irrespective of the publication outcome. If the manuscript is rejected by this journal and the author agrees that the submission be transferred to another Elsevier journal via the Article Transfer Service, we may securely transfer your reviewer comments and name/contact details to the receiving journal editor for their peer review purposes.

Please respond to this invitation within the next **7** days.

Please note that we may ask you to answer a set of questions about the manuscript, enabling you to convey your recommendations for improvement in a structured way to myself and the author(s). Please see https://www.elsevier.com/reviewers/how-to-review/structured-peer-review for an overview of these reviewer questions.

If you would like to review this paper, please click this link:
Agree to Review

If you have a conflict of interest or do not wish to review this paper, please click this link:
Decline to Review

If you decline to review I would appreciate your suggestions for alternate reviewers.

If, for any reason, the above links do not work, please log in as a reviewer at https://www.editorialmanager.com/yjbmt/.

Because timely reviews are of utmost importance to authors, I would appreciate receiving your review within **14** days of accepting this invitation.

I hope you will be able to review this manuscript. Thank you in advance for your contribution and time.

As a reviewer you are entitled to complimentary access to references, abstracts, and full-text articles on ScienceDirect and Scopus for 30 days. Full details on how to claim your access via Reviewer Hub (reviewerhub.elsevier.com) will be provided upon your acceptance of this invitation to review.

Please visit the Elsevier Reviewer Hub (reviewerhub.elsevier.com) to manage all your refereeing activities for this and other Elsevier journals on Editorial Manager.

Kindest regards,

Meryem Buke
Associate Editor
Journal of Bodywork & Movement Therapies

Abstract:

Background: Research indicate that Basic Body Awareness Therapy (BBAT) as add-on to trauma-focused psychotherapy affects body-experience and self-regulation positively in military veterans with PTSD symptoms.
Purpose: To explore potential long-term benefits of BBAT on daily lives of veterans with PTSD.
Methods: Semi-structured individual interviews with four Danish military veterans with servere PTSD symptoms who had completed 12 sessions of BBAT, in addition to cognitive trauma therapy finalized seven months prior. The analysis was guided by Interpretive Phenomenological Analysis.
Results: Participants central experiences were: 1) Via BBAT, being guided into a renewed “felt sense” of their body opening for an “opportunity to recover”. 2) Seven months later, using BBAT techniques as “simple tools to help manage bodily response”. 3) In daily life, with positive impact on energy, sleep, and mood, having “room for more”, feeling more open and trusting with a sense of “recaptured life.”
Conclusions: The veterans experienced improved body awareness and self-regulation through BBAT which had a sustained impact on their sleep, energy, and mood, fostering a more open and trusting engagement in daily life, enhancing overall quality of life. Results must be viewed considering the combination of trauma-focused psychotherapy and BBAT.
Implications: This study might inspire the study and use of body-oriented approaches like BBAT as part of trauma-treatment.

More information and support

FAQ: How do I respond to an invitation to review in Editorial Manager?

https://service.elsevier.com/app/answers/detail/a_id/28524/supporthub/publishing/

Have questions or need assistance?
For further assistance, please visit Elsevier Support Center for Reviewer Support. Here you can search for solutions on a range of topics, find answers to frequently asked questions, and learn more about Editorial Manager via interactive tutorials.
You can also talk to our customer support team 24/7 by live chat, email and phone.

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In compliance with data protection regulations, you may request that we remove your personal registration details at any time. (Remove my information/details). Please contact the publication office if you have any questions.

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

Thank you for the review of YJBMT-D-24-00436

1 message

JBMT Editorial Team <em@editorialmanager.com> Mon, Oct 21, 2024 at 4:38 PM
Reply-To: JBMT Editorial Team <support@elsevier.com>
To: Adriano PC Calvo <percivalcalvo.fab@gmail.com>

Ref.: Ms. No. **YJBMT-D-24-00436**
Validity and Reliability of a 3D-Printed Hand-held Dynamometer for Measuring Knee Muscle Strength
Journal of Bodywork & Movement Therapies

Dear Calvo,

Thank You for your review of this manuscript. I truly appreciate your time and efforts. Your review helps the quality and readability of the manuscript.

You may access your review comments and the decision letter (when available) by logging on to the Editorial Manager site at:
https://www.editorialmanager.com/yjbmt/
username: percivalcalvo.fab

If you do not know your confidential password, you may reset it by clicking this link: click here to reset your password

Thank you again for your help with the review process!

As a token of appreciation, we would like to provide you with a review recognition certificate on Elsevier Reviewer Hub (reviewerhub.elsevier.com). Through the Elsevier Reviewer Hub, you can also keep track of all your reviewing activities for this and other Elsevier journals on Editorial Manager.

If you have not yet activated your 30 day complimentary access to ScienceDirect and Scopus, you can still do so via the [Rewards] section of your profile in Reviewer Hub (reviewerhub.elsevier.com).
You can always claim your 30-day access period later, however, please be aware that the access link will expire six months after you have accepted to review.

Kind regards,

Jerrilyn Cambron, DC, PhD
Editor
Journal of Bodywork & Movement Therapies

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Tutorial for Reviewers

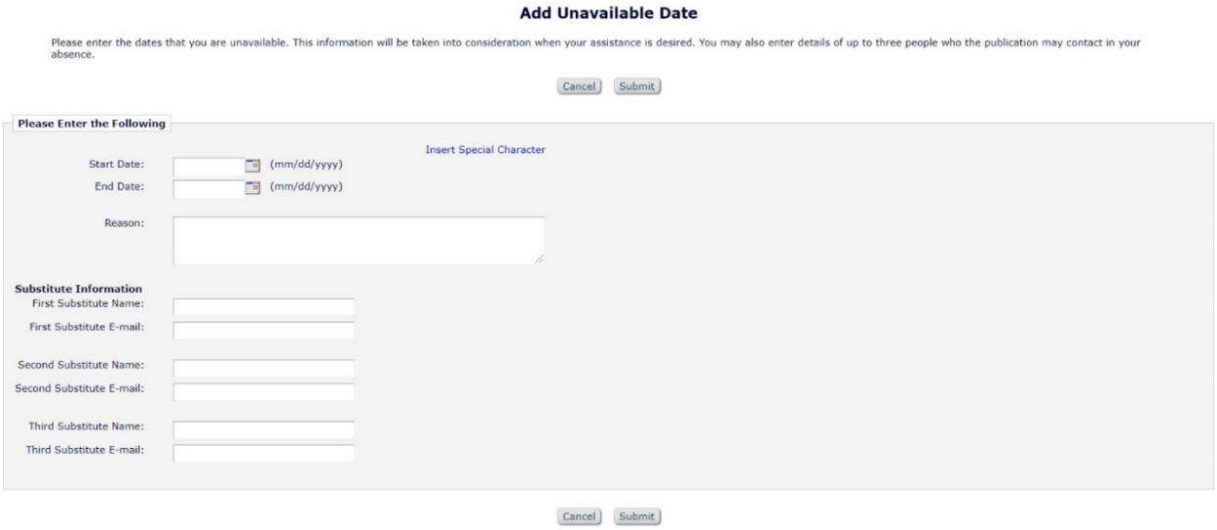
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Reviewers enter dates for which they are not available and provide a short reason for their unavailability. They can also enter up to three potential substitutes.



Receiving Reviewer Invitations

Notification of Reviewer Invitations will arrive by email. When invited to review a manuscript, the Reviewer will need to indicate whether the invitation will be accepted or declined. To view outstanding Reviewer Invitations, log in and on the 'Reviewer Main Menu', click 'New Reviewer Invitations'. This will provide you with a list of Reviewer invitations that have yet to be accepted or declined.



Users may receive the text of the abstract in the initial email invitation to review. Depending on how the Editorial Office has configured the invitation process, you may also be granted access to download the manuscript before agreeing to review.



Accepting a Reviewer Invitation

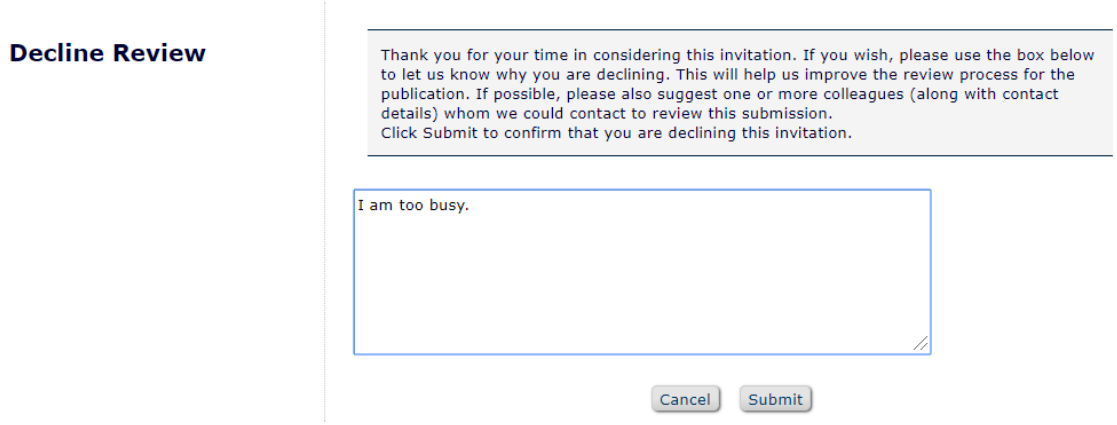
By clicking 'Agree to Review', the Submission will move from the 'New Reviewer Invitations' folder to the 'Pending Assignments' folder, where the Reviewer can begin the review process. Reviewers will also be given confirmation that an invitation has been accepted, as follows:



Note: *Some due date notification letters may include an iCalendar file allowing you to easily mark the date on your electronic calendar.*

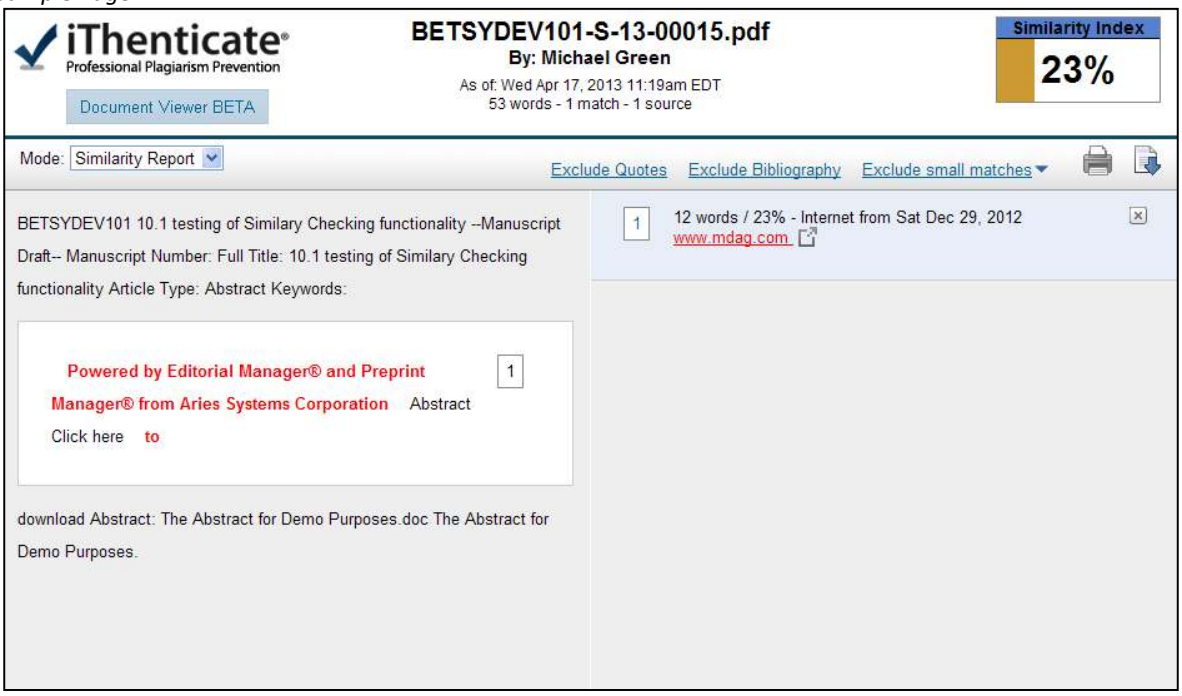
Declining a Reviewer Invitation

Clicking 'Decline to Review' will alert the Editorial Office that the Reviewer will not be reviewing the paper. The system will ask for the reason the Reviewer is unable to review and will also ask the Reviewer to suggest other potential Reviewers. You must click 'Submit' to complete the process of declining an invitation to review.



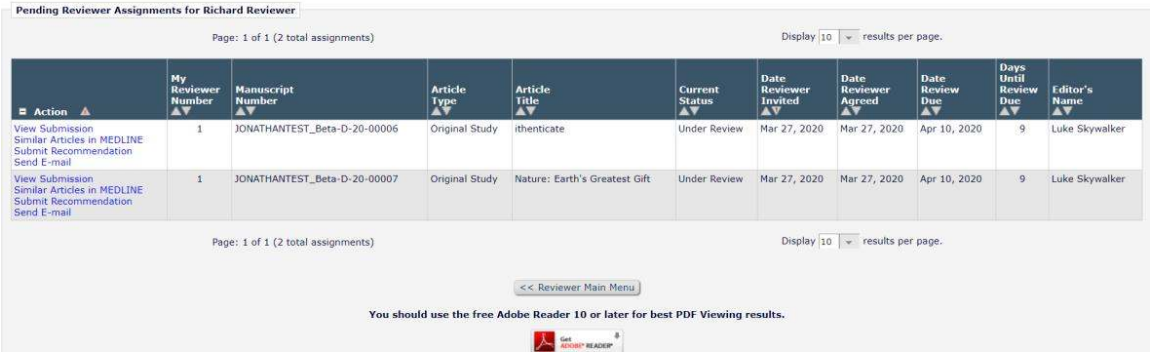
Upon clicking 'Submit', the Reviewer will be given confirmation that the invitation has been declined.

Sample Page



Submitting a Review

Once a Reviewer has agreed to an assignment, they will be able to submit their recommendation. Accepted assignments are kept in the 'Pending Reviewer Assignments' folder, which is available from the 'Reviewer Main Menu'.



Within this folder a Reviewer may download the PDF of the manuscript to view it on their computer by clicking 'View Submission' from the available action links. This file can also be printed out as a hard copy of the Submission should users so desire.

When a Reviewer is ready to submit their review, the Reviewer can begin the process by clicking the 'Submit Recommendation' action link. This will bring them to the *'Reviewer Recommendation and Comments'* page.

Note: *Reviewers may be automatically un-assigned after they have agreed to review but before they have submitted their review based on article type configuration by the publication. It is still possible to manually un-assign Reviewers once they have accepted an invitation.*

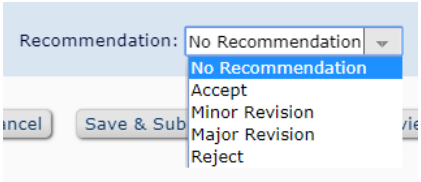
Reviewer Recommendation Page

On the *'Reviewer Recommendation and Comments'* page, Reviewers will be asked to provide their recommendation, answer any pre-configured questions from the publication, and provide their own written comments.



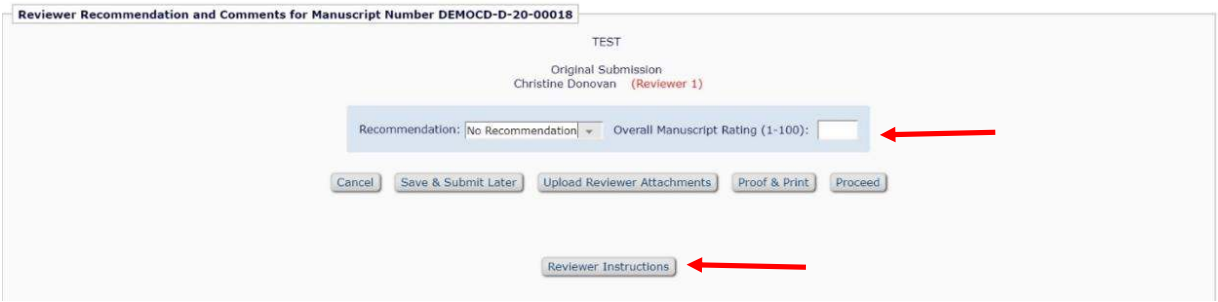
Selecting a Recommendation

Reviewers can choose a recommendation term via the drop-down menu available for 'Recommendation'. The terms available to a Reviewer are preconfigured by the Editorial Office and can vary from one publication to another. Still, the terms will typically fall into the broad categories of Accept, Revise, or Reject.



If the Submission being reviewed is a new rather than revised Submission, the publication may also request that an overall rating (1-100) be assigned to the manuscript.

If questions arise during the review process, the publication will likely have provided instructions for Reviewers to reference. Users can access these instructions by clicking the button labeled 'Reviewer Instructions' near the top of the page.



The Review Form

The contents and format of the Review Form will vary from one publication to another, as Review forms are configured by the Editorial Office. Reviewers will typically be asked to answer Manuscript Rating Questions or Review Questions on the *'Reviewer Recommendation and Comments'* page.

Manuscript Rating Questions will always limit the Reviewer to responding on a 1-3, 1-5 or 1-10 scale, whereas Review Questions will offer varied methods of providing responses.

If a question is displayed but not required on a Review Form, Reviewers may leave the response blank. If, however, Reviewers choose to answer the question, the minimum character count must be met even though the question is not required.

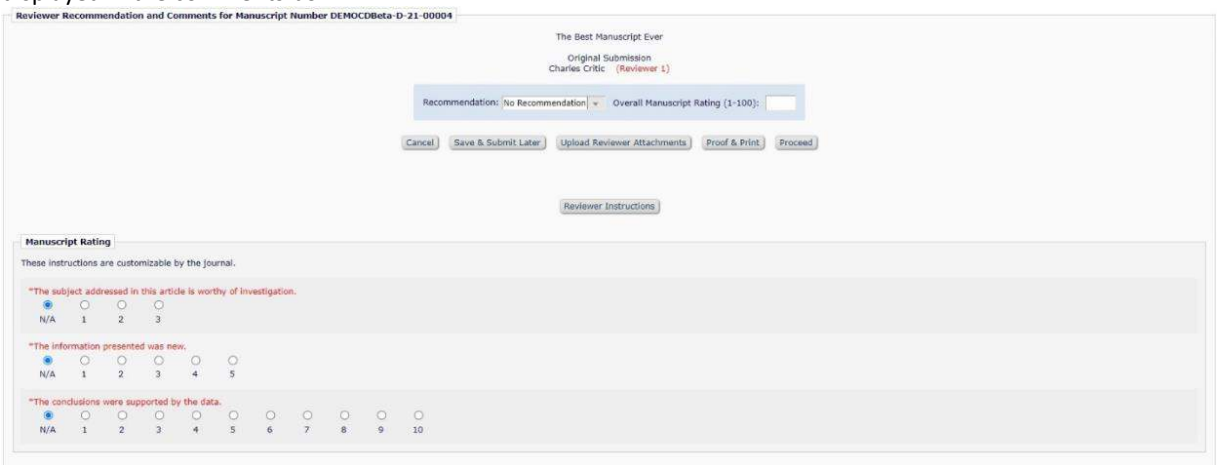
Publications may also ask that Reviewers enter comments to the Author and Editor using the provided 'Reviewer Blind Comments to Author' and 'Reviewer Confidential Comments to Editor' text fields. For convenience, Reviewers may use a regular word processing program (i.e., Microsoft Word, OpenOffice, WordPerfect) when typing a review. Reviewers should then 'copy' and 'paste' the comments into the boxes provided.

Click the 'Save & Submit Later' button to save comments and continue working. Clicking the 'Open in New Window' button at the top right of the data entry fields will open the field in a new browser window, providing the user with a larger view of the review field. Use of these fields is at the publication's discretion.

Clicking 'Proof & Print' or 'Proceed' will open a window containing all of the review information that has been entered, as a way to review and make a printout of the review.

The Reviewer must click 'Submit Now' to proceed. This will bring up a screen that allows the Reviewer to proofread before sending it to the Publication Office. If further edits are needed, click 'Edit Review'. If satisfied with the review, click 'Submit Review to Journal Office'.

On the *'Reviewer Recommendation and Comments'* page, the Reviewer Instructions and Review Form text will be displayed in the comments box.



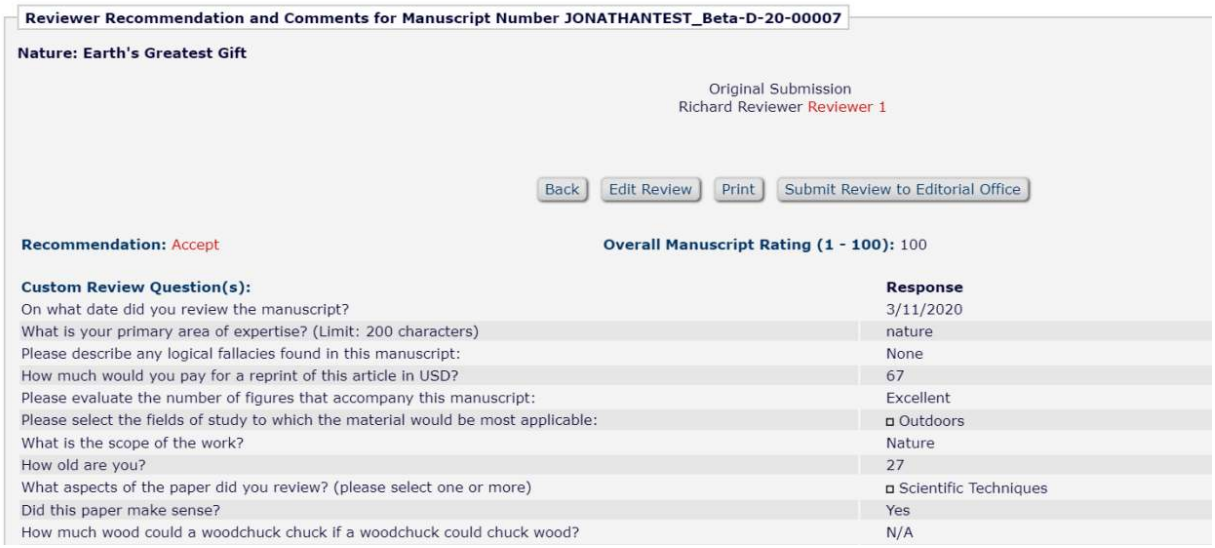
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When review files have been uploaded, the Reviewer must click on the button labeled 'Proceed with Recommendation'. If changes need to be made, click on the button labeled 'Back'. If no files have been attached, a warning will be displayed. Attach a file or cancel the action.

Submitting the Review

Once the Reviewer has filled out the Review Form with all required information and provided any relevant Attachments, the Reviewer should click 'Proceed' from the *'Reviewer Comments and Recommendation'* page.

A summary screen will be displayed. This information should be checked for accuracy and edited if necessary. If all of the information is correct, click on the button labeled 'Submit Review to Journal Office'.



Reviewer Recommendation and Comments for Manuscript Number JONATHANTEST_Beta-D-20-00007

Nature: Earth's Greatest Gift

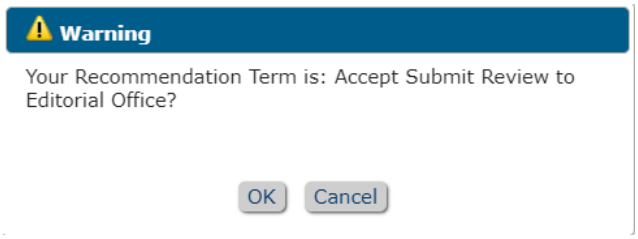
Original Submission
Richard Reviewer Reviewer 1

Back | Edit Review | Print | Submit Review to Editorial Office

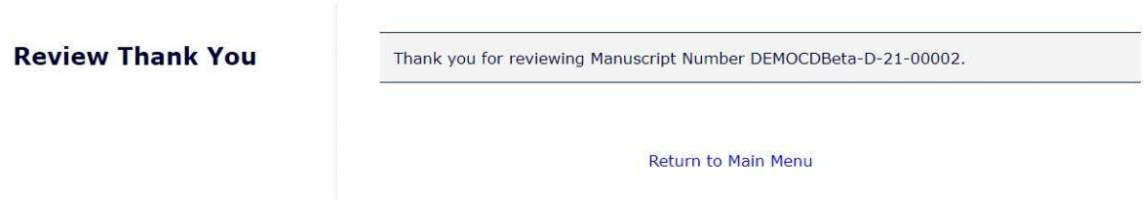
Recommendation: Accept **Overall Manuscript Rating (1 - 100):** 100

Custom Review Question(s):	**Response**
On what date did you review the manuscript?	3/11/2020
What is your primary area of expertise? (Limit: 200 characters)	nature
Please describe any logical fallacies found in this manuscript:	None
How much would you pay for a reprint of this article in USD?	67
Please evaluate the number of figures that accompany this manuscript:	Excellent
Please select the fields of study to which the material would be most applicable:	◻ Outdoors
What is the scope of the work?	Nature
How old are you?	27
What aspects of the paper did you review? (please select one or more)	◻ Scientific Techniques
Did this paper make sense?	Yes
How much wood could a woodchuck chuck if a woodchuck could chuck wood?	N/A

The Reviewer is given a final opportunity to check the recommendation. Click on OK to proceed or Cancel to make further changes.



Once the review has been successfully submitted, the Reviewer will be taken to a screen thanking them for the review and will see a button to return to the Reviewer Main Menu.



My Review History - Adriano PC Calvo, Doctor

Close

Current Review Statistics

Date Last Agreed	Reviews in Progress	Outstanding Invitations
Jul 03, 2025	0	0

Historical Reviewer Invitation Statistics

Total Invitations	Agreed to Review	Declined to Review	Un-invited Before Agreeing to Review	Review Cancelled Before Agreeing to Review
3	2	1	0	0

Historical Reviewer Performance Summary

Total Completed Reviews	Submitted on Time	Submitted Late	Un-assigned After Agreeing to Review	Review Cancelled After Agreeing to Review	Date Last Review Completed
2	2	0	0	0	Jul 16, 2025

Historical Reviewer Averages

Days to Respond to Invitation	Days to Complete Review	Days Late	# of Reminders	Manuscript Rating
0	8	-5	0	72.50

Reviewer Recommendation Summary

Accept:	0
Major Revision:	0
Minor Revision:	1
Reject:	1

Completed Reviews

MS Number	Date Invited	Date Agreed	Date Completed	Days Late	# of Reminders	Recommendation	MS Rating
YJBMT-D-24-00436	Oct 16, 2024	Oct 17, 2024	Oct 21, 2024	0	0	Reject	50
YJBMT-D-25-00392	Jul 03, 2025	Jul 03, 2025	Jul 16, 2025	0	1	Minor Revision	95

Declined Reviews

MS Number	Date Invited	Date Declined
YJBMT-D-24-00645	Nov 04, 2024	Nov 04, 2024

Close

2

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

The UNIFA Journal requests an article review

1 message

Prof. Dr. Karina Coelho Pires <karinacoelhopires@gmail.com> Wed, Aug 13, 2025 at 10:25 AM
To: Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

Adriano Percival Calderaro Calvo:

I believe you could serve as an excellent reviewer of the manuscript “ASSOCIATION BETWEEN OSTEOARTICULAR INJURY, OPERATIONAL DEMAND, AND LEVEL OF PHYSICAL ACTIVITY IN PILOTS,” which was submitted to the UNIFA journal. The abstract of the submission is included below, and I hope you will consider performing this important task for us.

Please log in to the journal’s website before 08-20-2025 to indicate your availability, as well as to access the submission and record your review and recommendation. The site is: https://revistadaunifa.fab.mil.br/index.php/reunifa

The review itself is due on 09-10-2025.

If you do not have your username and password for the journal’s site, you can use this link to reset your password (which will be sent to your email along with your username): https://revistadaunifa.fab.mil.br/index.php/reunifa/login/lostPassword

Submission URL: https://revistadaunifa.fab.mil.br/index.php/reunifa/reviewer/submission?submissionId=1059&reviewId=429&key=3HMvPc

Thank you for considering this request.



“ASSOCIATION BETWEEN OSTEOARTICULAR INJURY, OPERATIONAL DEMAND, AND LEVEL OF PHYSICAL ACTIVITY IN PILOTS”

Military personnel who are part of the Armed Forces are constantly confronted with extreme situations involving three types of demands: Physical, Mental, and Operational, and in three main scenarios: Offensive, Defensive, and Peacetime. In the Brazilian Air Force (FAB), the military pilot is the main character; regardless of the type of aircraft or mission, they must be physically and mentally prepared to meet the demands required by their activities. Flying exposes the pilot to a range of special and extreme conditions, including vibration, Gz+ force, decompression, and radiation, which can cause acute and chronic physiological changes in their body. The objective of this study is to relate pain arising from osteoarticular problems, operational demand, aircraft type, and pilots’ physical exercises. This is an observational and cross-sectional study applied to a sample of 82 pilots from Air Squadrons (FAB-RJ). Data were collected through an electronic form on the Google platform, consisting of 62 questions covering sociodemographic information, level of physical activity, demand (work and operational), and self-reported musculoskeletal complaints. For demographic characteristics, physical activity practice, and complaints, descriptive statistics were used according to the type and distribution of variables. To verify the relationship between musculoskeletal injury, physical activity, and demand, Logistic Regression was applied. For all analyses, a significance level of $p<0.05$ was adopted. In the bivariate and multivariate analyses, no associations or relationships were identified between musculoskeletal complaints and the independent variables (workload and levels of physical activity).

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that I have performed the professional translation of this document from Portuguese to English, as a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana

_____ **Date: November 10, 2025.**

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

A revista Revista da UNIFA solicita avaliação de artigo

1 message

Profa. Dra. Karina Coelho Pires <karinacoelhopires@gmail.com> Wed, Aug 13, 2025 at 10:25 AM
To: Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

Adriano Percival Calderaro Calvo:

Acredito que você poderia servir como um(a) excelente avaliador(a) do manuscrito, "ASSOCIAÇÃO ENTRE LESÃO OSTEOMIOARTICULAR, DEMANDA OPERACIONAL E NÍVEL DE ATIVIDADE FÍSICA EM PILOTOS," que foi submetido ao periódico Revista da UNIFA. O resumo da submissão está inserido abaixo e espero que você considere realizar essa importante tarefa para nós.

Faça o login no site do periódico antes de 2025-08-20 para indicar sua disponibilidade, bem como para acessar submissão e registrar sua avaliação e recomendação. O site é https://revistadaunifa.fab.mil.br/index.php/reunifa

A avaliação em si tem como prazo 2025-09-10.

Se você não tiver seu nome de usuário e senha para o site do periódico, poderá usar este link para redefinir sua senha (que será enviada por e-mail juntamente com seu nome de usuário). https://revistadaunifa.fab.mil.br/index.php/reunifa/login/lostPassword

URL da submissão: https://revistadaunifa.fab.mil.br/index.php/reunifa/reviewer/submission?submissionId=1059&reviewId=429&key=3HMvPc

Agradeço por considerar esta solicitação.



"ASSOCIAÇÃO ENTRE LESÃO OSTEOMIOARTICULAR, DEMANDA OPERACIONAL E NÍVEL DE ATIVIDADE FÍSICA EM PILOTOS"

Os miliares que integram as Forças Armas são constantemente confrontados com situações extremas, que envolvem três tipos de demanda: Física, Mental e Operacional e em três principais cenários: Ofensivo, Defensivo e Tempos de paz. Na Força Aérea Brasileira (FAB), o piloto militar é o personagem principal, independentemente do tipo de aeronave e do tipo de missão, ele deve estar preparado fisicamente e mentalmente para atender as demandas que a atividade exige. Voar expõe o piloto a um rol de condições especiais e extremas, entre elas a vibração, Força Gz+, descompressão, radiação, que podem provocar alterações fisiológicas agudas e crônicas em seu organismo. O objetivo do presente estudo é relacionar a dor oriunda de problemas osteomioarticulares. demanda operacional, tipo de aeronave, e exercícios físicos de pilotos. Estudo observacional e transversal aplicado em uma amostra de 82 pilotos dos Esquadrões Aéreos (FAB-RJ). Os dados foram coletados através de um formulário eletrônico, na plataforma Google, constituído de 62 perguntas que compreendem dados sobre informações sociodemográficas, nível de atividade física, demanda (trabalho e operacional) e queixas musculoesqueléticas autorrelatadas. Para as características demográficas, prática de atividade física e queixas foi utilizada estatística descritiva de acordo com tipo e distribuição das variáveis. Para verificar relação de lesão musculoesquelética, atividade física e demanda foi utilizada a Regressão Logística. Para todas as análises foi adotado nível de significância p<0,05. Nas análises bivariada e multivariada, não foram identificadas associações ou relações entre as queixas musculoesqueléticas e as variáveis independentes (carga de trabalho e níveis de atividade física).

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

[Rev.UNIFA] Acknowledgment for the Review

1 message

Karina <karinacoelhopires@gmail.com> Tue, Oct 31, 2023 at 8:38 AM
To: Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

Adriano Percival Calderaro Calvo:

Thank you for submitting the review of the manuscript "Health research in microgravity" for the journal Revista da UNIFA. We appreciate your contribution to maintaining the quality of the works we publish.



Scientific Editorial Office of the Revista da UNIFA
Air Force University (UNIFA)
Vice-President's Office for Research and Education Support (PROAPE)
Phone: (21) 2157-2282
Revista da UNIFA (fab.mil.br)



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[ES]*Texto confidencial para uso exclusivo del destinatário. Si usted lo recibió por error no lo divulgue y exclúyalo inmediatamente.*

I, Raphael Michels Fantinato de Moura, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: April 10, 2025.**

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

[Rev.UNIFA] Agradecimento pela avaliação

1 message

Karina <karinacoelhopires@gmail.com> Tue, Oct 31, 2023 at 8:38 AM
To: Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

Adriano Percival Calderaro Calvo:

Agradeço por enviar o parecer da submissão "Health research in microgravity," para o periódico Revista da UNIFA. Nós apreciamos sua contribuição para manter a qualidade dos trabalhos que publicamos.



Editoria Científica da Revista da UNIFA
Universidade da Força Aérea (UNIFA)
Pró-Reitoria de Apoio à Pesquisa e ao Ensino (PROAPE)
Tel. : (21) 2157-2282
Revista da UNIFA (fab.mil.br)



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[ES]*Texto confidencial para uso exclusivo del destinatário. Si usted lo recibió por error no lo divulgue y exclúyalo inmediatamente.*

[Retos] Request for article review

From: Francisco Ruiz Juan via REVISTA RETOS (admin@revistaretos.org)

To: pcdez@yahoo.com.br

Date: Friday, July 18, 2025, at 3:07 PM BRT

Adriano Percival Calderaro Calvo:

I am confident that you would be an excellent reviewer of the manuscript "Time-Motion Analysis Across Different Phases of Female Brazilian Jiu-Jitsu Competition," which has been submitted to Retos. Please find below an excerpt from the submission, in the hope that you will agree to undertake this important task for us.

Retos is a journal with a history of nearly 25 years, that is indexed,among others, in Scopus, and is ranked Q1 in SRJ.

Please log in to the journal before 08-08-2025, to let us know whether or not you will conduct the review, as well as to access the submission and to record your review and recommendation.

We recommend reviewing your document in Word and then copying and pasting it, because if there are errors during the process, the platform will not save the information. Similarly, if you wish to upload a file, it should **have a short name and no extra characters.**

We kindly ask you to check the article for plagiarism using the various systems available, as at Retos, we take a firm and uncompromising stance against plagiarism.

The review itself should be ready by 08-08-2025.

Submission URL: https://revistaretos.org/index.php/retos/reviewer/submission?submissionId=115932&reviewId=104155&key=tcUFnFk4

Thank you for considering our request.

Francisco Ruiz Juan
Director of Retos
Phone +34 650454317
pacoruizjuan@gmail.com

"Time-Motion Analysis Across Different Phases of Female Brazilian Jiu-Jitsu Competition"

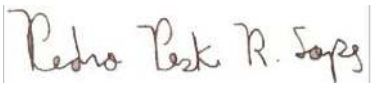
Understanding time-motion and behaviors in each moment of combat is crucial for optimizing performance in elite Brazilian Jiu-Jitsu (BJJ). This study verifies how competition stage influences combat behaviors in female BJJ athletes. Methods: A time-motion analysis was conducted on female matches from international BJJ combats. The analyzed stages included qualifier (n = 40), quarterfinals (n = 82), semifinals (n = 172), and finals (n = 128). A significance level of p≤0.05 was used. Results: Approach behaviors significantly increased in later competition stages ($p \leq 0.003$), with means of 3.7s (2.8) in qualifiers, 5.5s (2.4) in quarterfinals, 5.8s (3.1) in semifinals, and 7.5s (4.2) in finals. Total combat time also increased ($p \leq 0.013$), averaging 329.1s (80.2) in qualifiers, 262.0s (90.5) in quarterfinals, 345.4s (100.3) in semifinals, and 345.0s (95.7) in finals. The frequency of techniques remained unchanged ($p \geq 0.05$), indicating that athletes adapted their time-motion and behaviors by increasing approach duration and overall combat time in later rounds. Conclusion: Female BJJ athletes modify their time-motion and combat behaviors across competition stages, showing more extended approach and total fight time in advanced rounds. These findings highlight the need for stage-specific training adaptations to enhance competitive performance.

Francisco Ruiz Juan

Director of Retos

retosfeadef@gmail.com

I, Pedro Peski Ribeiro Lopes, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Spanish to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.



Date: November 13, 2025.

[Retos] Petición de revisión de artículo

De: Francisco Ruiz Juan via REVISTA RETOS (admin@revistaretos.org)

Para: pcdez@yahoo.com.br

Data: sexta-feira, 18 de julho de 2025 às 15:07 BRT

Adriano Percival Calderaro Calvo:

Tengo el convencimiento de que sería un/a excelente revisor/a del manuscrito "Time-Motion Analysis Across Different Phases of Female Brazilian Jiu-Jitsu Competition," que ha sido enviado a Retos. A continuación encontrará un extracto del envío, con la esperanza de que aceptará llevar a cabo esta importante tarea para nosotros.

Retos es una revista con una trayectoria de casi 25 años que está indexada, entre otros, en Scopus estando en Q1 en SRJ.

Por favor, identifíquese en la revista antes de 2025-08-08 para decirnos si hará o no la revisión, así como para tener acceso al envío y para registrar su revisión y recomendación.

Recomendamos hacer la revisión en Word y luego copiar y pegar porque si hay fallos durante el proceso la plataforma no guarda la información. Igualmente, si desean subir algún archivo este debe tener un nombre corto y sin caracteres extraños.

Le pedimos por favor que verifique si hay plagios en el artículo por medio de los diferentes sistemas que existen, en Retos luchamos contra el plagio de una manera determinante e inflexible.

La revisión propiamente dicha debe estar lista para el 2025-08-08.

URL del envío: https://revistaretos.org/index.php/retos/reviewer/submission?submissionId=115932&reviewId=104155&key=tcUFnFk4

Gracias por tener en cuenta nuestra solicitud.

Francisco Ruiz Juan
Director de Retos
Teléfono +34 650454317
pacoruizjuan@gmail.com

"Time-Motion Analysis Across Different Phases of Female Brazilian Jiu-Jitsu Competition"

Understanding time-motion and behaviors in each moment of combat is crucial for optimizing performance in elite Brazilian Jiu-Jitsu (BJJ). This study verifies how competition stage influences combat behaviors in female BJJ athletes. Methods: A time-motion analysis was conducted on female matches from international BJJ combats. The analyzed stages included qualifier (n = 40), quarterfinals (n = 82), semifinals (n = 172), and finals (n = 128). A significance level of p≤0.05 was used. Results: Approach behaviors significantly increased in later competition stages ($p \leq 0.003$), with means of 3.7s (2.8) in qualifiers, 5.5s (2.4) in quarterfinals, 5.8s (3.1) in semifinals, and 7.5s (4.2) in finals. Total combat time also increased ($p \leq 0.013$), averaging 329.1s (80.2) in qualifiers, 262.0s (90.5) in quarterfinals, 345.4s (100.3) in semifinals, and 345.0s (95.7) in finals. The frequency of techniques remained unchanged ($p \geq 0.05$), indicating that athletes adapted their time-motion and behaviors by increasing approach duration and overall combat time in later rounds. Conclusion: Female BJJ athletes modify their time-motion and combat behaviors across competition stages, showing more extended approach and total fight time in advanced rounds. These findings highlight the need for stage-specific training adaptations to enhance competitive performance.

Francisco Ruiz Juan

Director de Retos

retosfeadef@gmail.com

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

[Retos] Review submission reminder

1 message

recyt@recyt.fecyt.es <recyt@recyt.fecyt.es> Fri, Feb 21, 2025 at 10:08 AM
Reply-To: Francisco Ruiz Juan <pacoruizjuan@gmail.com>
To: Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

Adriano Percival Calderaro Calvo:

We would like to remind you of our request to review the submission “Evaluating the Impact of NSAIDs and Exercise Therapy Versus Sole Exercise Therapy on Joint Mobility, Pain Levels, Grip Strength, and Muscle Activity in Lateral Epicondylitis Patients,” for Retos. We were expecting your review by 02-21-2025, and we look forward to receiving it as soon as it is ready.

Submission URL: https://recyt.fecyt.es/index.php/retos/reviewer/submission?submissionId=113131&reviewId=99191&key=DWTKM4aB

Please confirm your availability to complete this vital contribution to the journal's work. We look forward to hearing from you as soon as possible.

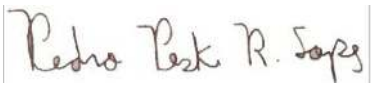
Francisco Ruiz Juan
Director of Retos
Phone +34 650454317
pacoruizjuan@gmail.com

Francisco Ruiz Juan

Director of Retos

retosfeadef@gmail.com

I, Pedro Peski Ribeiro Lopes, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Spanish to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.



Date: November 13, 2025.

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

[Retos] Recordatorio de envío de revisión

1 message

recyt@recyt.fecyt.es <recyt@recyt.fecyt.es> Fri, Feb 21, 2025 at 10:08 AM
Reply-To: Francisco Ruiz Juan <pacoruizjuan@gmail.com>
To: Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

Adriano Percival Calderaro Calvo:

Le recordamos nuestra petición de revisión del envío "Evaluating the Impact of NSAIDs and Exercise Therapy Versus Sole Exercise Therapy on Joint Mobility, Pain Levels, Grip Strength, and Muscle Activity in Lateral Epicondylitis Patients," para Retos. Esperábamos su revisión antes del 2025-02-21, esperamos nos la mande en cuanto la tenga lista.

URL del envío: https://recyt.fecyt.es/index.php/retos/reviewer/submission?submissionId=113131&reviewId=99191&key=DWTKM4aB

Le rogamos nos confirme su disponibilidad para completar esta contribución vital para el trabajo de la revista. Esperamos tener noticias suyas a la mayor brevedad.

Francisco Ruiz Juan
Director de Retos
Teléfono +34 650454317
pacoruizjuan@gmail.com

Francisco Ruiz Juan

Director de Retos

retosfeadef@gmail.com

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

Gmail - [Retos] Acknowledgement of receipt of article review

1 message

recyt@recyt.fecyt.es <recyt@recyt.fecyt.es> Tue, Dec 10, 2024 at 5:03 AM
Reply-To: Revisión Retos <revisionretos@gmail.com>
To: Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

Adriano Percival Calderaro Calvo:

Thank you for completing the review of the submission “Comparative analysis of rapid weight loss (RWL) among Brazilian and European Brazilian Jiu-Jitsu (BJJ) practitioners at all skill levels: from amateurs to professionals,” for Retos. We appreciate your contribution to the quality of the work we publish.

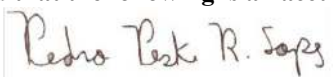
Your contribution means that the magazine continues to grow after more than 25 years and has led to us being indexed in the main databases, including Thomson Reuters' Web of Science (Emerging Sources Citation Index) and Scopus, being in Q2 in SRJ.
We keep a record of the revisions and when they need a certificate they only request it from retosfeadef@gmail.com.
If you know any potential reviewers who have a good CV, you can send their proposal and the lines of research they are developing to retosfeadef@gmai.com.
We would be delighted to receive articles from you and your working group for evaluation and publication in the journal. We give reviewers of Retos preferential treatment in the review and publication process.

Francisco Ruiz Juan

Director of Retos

retosfeadef@gmail.com

I, Pedro Peski Ribeiro Lopes, certify that the professional translation of this document from Spanish to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.



_____ **Date: April 10, 2025.**

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

[Retos] Acuse de recibo de revisión de artículo

1 message

recyt@recyt.fecyt.es <recyt@recyt.fecyt.es> Tue, Dec 10, 2024 at 5:03 AM
Reply-To: Revisión Retos <revisionretos@gmail.com>
To: Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

Adriano Percival Calderaro Calvo:

Gracias por completar la revisión del envío "Análisis comparativo de la pérdida de peso rápida (PPR) entre practicantes de Jiu-Jitsu brasileño (BJJ) brasileños y europeos en todos los niveles de habilidad: desde aficionados hasta profesionales ," para Retos. Apreciamos su contribución a la calidad de los trabajos que publicamos.

Tu contribución hace que la revista siga creciendo tras los más de 25 años y nos haya llevado a estar indexada en las principales bases de datos, entre otros, en Web of Science de Thomson Reuters (Emerging Sources Citation Index) y Scopus estando en Q2 en SRJ.
Llevamos un registro de las revisiones y cuando necesiten un certificado solo lo solicitan a retosfeadef@gmail.com.
Si conocen potencialmente revisores que tengan un buen currículo pueden enviar su propuesta con las líneas de investigación que desarrollan a retosfeadef@gmai.com.
Estaríamos encantados de recibir artículos suyos y de su grupo de trabajo para que puedan ser evaluados y publicados en la revista, a los revisores de Retos les damos un trato preferencial en la revisión y en la publicación.

Francisco Ruiz Juan

Director de Retos

retosfeadef@gmail.com



Reviewers 2025

Reviewers for the RETOS magazine during 2025 (until September 30)

As of September 30, 2025, the journal has accepted, or is in the process of accepting, applications to participate as reviewers from a total of 4,382 reviewers. These are listed below.

A. Corral-Granados (Norwegian University of Science and Technology, Norway)

AF Adasme-Ossandón (University of Tarapacá, Chile)

A. Garcia-Casanovas (Institut Hospital del Mar d'Investigacions Mèdiques (IMIM), Barcelona, Spain)

A. García-Hermoso (Autonomous University of Chile, Talca, Chile)

A. Gómez-Rodas (Andean Area University Foundation, Colombia)

A. José Rivera (Meritorious Autonomous University of Puebla, Mexico)

A. Tudela (Catholic University of Valencia)

AJF de Paula (Paulista State University, Brazil)

AL Pérez-Rendón (Andean Area University Foundation, Colombia)

Aaron Fox (Deakin University, Australia)

Aaron Fueyo (Alcorcón Sports Association SAD)

Aaron Paul M. De la Rosa (Bulacan State University, Philippines)

Aaron Samuel Bracho Mosquera (University of Panama, Panama)

Abdul Rachman Syam Tuasika (Universitas Negeri Surabaya, Indonesia)

Abel Figueiredo (Escola Superior de Educação de Viseu. Portugal)

Abel Merino Orozco (University of Burgos)

Abel Salvador Arroyo-Sánchez (Antenor Orrego Private University, Peru)

Abraham Batalla-Gavalda (Rovira i Virgili University)

Abraham García-Fariña (University of La Laguna)

April Cantú-Berrueto (Autonomous University of Nuevo León, Mexico)

Aceña Rubio, Rosa María (University of Castilla La Mancha)

Adalberto Nunes de Menezes (Federal Institute of Minas Gerais, Brazil)

Adderly Mamani Flores (National University of the Altiplano Puno, Peru)

Adela Alexandra Cheza Castro (State University of Milagro, Arajuno, Ecuador)

Adela Badau (Transylvania University of Brasov, Romania)

Adela Quiñones Treinta (University of Santiago de Compostela, Spain)

Adelina Merino Gutiérrez (University of Jaén)

Adi Pranoto (Universitas Airlangga. Indonesia)

Adilson André Martins Monte (Federal University of Santa Catarina, Brazil)

Adolfo Hernández Estrada (Complutense University of Madrid)

Adrián Alonso Ramírez García (University of Chihuahua, Mexico)

Adrián Benítez-Jiménez (Marcet Foundation)

Adrián García-Valverde (*International University Isabel I of Castile)

Adrián González-Custodio (University of Extremadura, Spain)

Adrián Gras-Velázquez (Smith College University in Massachusetts, USA)

Adrián Josué Lizcano-Baños (Autonomous University of the State of Quintana Roo, Mexico)

Adrián López Sánchez (Complutense University of Madrid)

Adrián Magallanes Braudakis (University Institute of the YMCA, Uruguay)

Adrián Mateo-Orcajada (Catholic University of Murcia)

Adrian Paterna (University of Almería)

Adrián Silla Merchan (Real Madrid Foundation)

Adrián Solera Alfonso (Rey Juan Carlos University)

Adrián Varela Sanz (University of A Coruña)

Adriana Emiko Murakami (Centro Universitário Metropolitano de Maringá, Brazil)

Adriana Isabel Andrade Sánchez (University of Colima, Mexico)

Adriana Lerma-Valdez (Autonomous University of Tamaulipas, Mexico)

Adriana Lúcia Meireles (Federal University of Ouro Preto, Ouro Preto, Brazil)

Adriana Lucía Romero Saavedra (Autonomous University of Aguascalientes, Mexico)

Adriano César Carneiro Loureiro (State University of Ceará, Brazil)

Adriano Pasqualotti (Universidade de Passo Fundo-UPF, Brazil)

Adriano Percival Calderaro Calvo (UNIFESP Federal University, Brazil)

Adriano Percival Calderaro Calvo (Universidade Estadual Paulista Júlio de Mesquita Filho, Brazil)

Adrien Bouchet (University of Tulsa, USA)

Afdhalia Rahma Sari (Universitas Airlangga, Indonesia)

Afif Rusdiawan (Universitas Negeri Surabaya. Indonesia)

Aflah Zakinov Irta (Universitas Negeri Padang, Indonesia)

Águeda Gutierrez Sánchez (University of Vigo)

Águeda Gutiérrez Sánchez (University of Vigo)

Aguilar-Hernández (Veracruzana University, Mexico)

[RC] The Corpoconsciência journal requests an article review

From: periodicoscientificos@ufmt.br

To: calvo.ufmt@yahoo.com.br

Date: Thursday, May 30, 2019, at 9:08 AM BRT

Adriano Percival Calderaro Calvo,

I believe your knowledge will be essential to carry out the review of the paper "Sociodemographic variables as intervening factors in motivation, self-esteem, and body dissatisfaction of elderly women practicing water aerobics," submitted to Corpoconsciência. Information about the submission can be found in this message, and I hope you will consider assuming this important responsibility.

Please access the system by 06-06-2019 to inform whether you will be available to perform the review, as well as to access the complete submission data and record your review and recommendations, through the URL
http://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia
.

The deadline for completing the review is 05-23-2019.

If you do not have your login and password to access the system, use the link below so that the system can create a new password, which will be sent to you by email after a confirmation message for the password update request, along with your login. Click the link below to create your new password:
http://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/login/resetPassword/acalvo?confirm=e13cd47707586ed98d31f530d6b95f615ddf53b1ba8fec028722af3698d54681%3A1559225291

Click the link below to access the system and the assigned submission.
Submission URL:
http://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/reviewer/submission/9049

We thank you in advance for your attention.

Evando Carlos Moreira
Federal University of Mato Grosso - UFMT, Cuiabá
ecmmoreira@uol.com.br

Submission data

Title
"Sociodemographic variables as intervening factors in motivation, self-esteem, and body dissatisfaction of elderly women practicing water aerobics"

Abstract

This study compared the motivation, self-esteem, and body dissatisfaction of 70 elderly women practicing water aerobics according to sociodemographic variables. They answered the Rosenberg Self-Esteem Scale, Stunkard's Figure Rating Scale, and the Exercise Motivation Inventory-2. Younger elderly women showed higher self-esteem than older ones. Those without a partner were more motivated for disease prevention, physical appearance, and stress control compared to those with a partner. Women with a monthly income of up to two minimum wages and retirees showed higher scores in all motivational factors. Elderly women with completed primary education were more motivated for physical condition, weight control, physical appearance, and fun than those with incomplete primary or completed secondary education. It was concluded that marital status, monthly income, and education level are intervening factors in elderly women's motivation to exercise, while age proved to be an intervening factor in self-esteem.

Evando Carlos Moreira

Corpoconsciência Journal
http://www.periodicoscientificos.ufmt.br/index.php/corpoconsciencia

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that I have performed the professional translation of this document from Portuguese to English, as a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana

_____ **Date: November 11, 2025.**

[RC] A revista Corpoconsciência solicita avaliação de artigo

De: periodicoscientificos@ufmt.br

Para: calvo.ufmt@yahoo.com.br

Data: quinta-feira, 30 de maio de 2019 às 09:08 BRT

Adriano Percival Calderaro Calvo,

Acredito que seu conhecimento será fundamental para realizar a avaliação do trabalho "Variáveis sociodemográficas como fatores intervenientes na motivação, autoestima e insatisfação corporal de idosas praticantes de hidroginástica" submetido a Corpoconsciência. Informações sobre a submissão encontram-se nesta mensagem, e espero que considere assumir esta importante responsabilidade.

Acesse o sistema até 2019-06-06 para informar se estará disponível ou não para realizar a avaliação, bem como acessar os dados completos da submissão e registrar sua avaliação e recomendações, por meio da URL http://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia.

O prazo para a conclusão da avaliação é 2019-05-23.

Caso não tenha seu login e senha de acesso para acessar o sistema, use o link a seguir para que o sistema crie uma nova senha que lhe será enviada via e-mail, após mensagem de confirmação de solicitação de atualização de senha, junto com o seu login. Clique no link a seguir para criar sua nova senha:
http://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/login/resetPassword/acalvo?confirm=e13cd47707586ed98d31f530d6b95f615ddf53b1ba8fec028722af3698d54681%3A1559225291

Clique no link baixo para acessar o sistema e a submissão designada.
URL da submissão:
http://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/reviewer/submission/9049

Agradecemos desde já sua atenção.

Evando Carlos Moreira
Universidade Federal de Mato Grosso - UFMT, Cuiabá
ecmmoreira@uol.com.br

Dados da submissão

Título
"Variáveis sociodemográficas como fatores intervenientes na motivação, autoestima e insatisfação corporal de idosas praticantes de hidroginástica"

Resumo

Resumo

Este estudo comparou a motivação, autoestima e insatisfação corporal de 70 idosas praticantes de hidroginástica em função das variáveis sociodemográficas, que responderam a escalas de Autoestima de Rosemberg e Silhueta de Stunkard e o Exercise Motivation Inventory-2. As idosas mais jovens apresentaram maior autoestima do que as mais velhas. As que não possuem companheiro são mais motivadas para a prevenção de doenças, aparência física e controle do estresse em detrimento às idosas com companheiro. As com renda mensal de até dois salários mínimos e as aposentadas apresentaram escore superior em todos os fatores de motivação. As idosas com ensino fundamental completo são mais motivadas para condição física, controle do peso, aparência física e diversão do que as com ensino fundamental incompleto e médio completo. Concluiu-se que o estado conjugal, renda mensal e escolaridade são fatores intervenientes na motivação para o exercício das idosas, enquanto a idade demonstrou ser interveniente na autoestima.

Evando Carlos Moreira

Revista Corpoconsciência
http://www.periodicoscientificos.ufmt.br/index.php/corpoconsciencia

[RC] The Corpoconsciência journal requests an article review

From: Evando Carlos Moreira (ecmmoreira@uol.com.br)

To: calvo.ufmt@yahoo.com.br

Date: Monday, September 2, 2019, at 11:33 AM BRT

Adriano Percival Calderaro Calvo,

I believe your knowledge will be essential to carry out the review of the paper “WORKPLACE GYMNASTICS: PREROGATIVES FOR DISSEMINATION” submitted to Corpoconsciência. Information about the submission is included in this message, and I hope you will consider taking on this important responsibility.

Please access the system by 09-09-2019 to indicate whether or not you will be available to perform the review, as well as to access the full submission data and record your evaluation and recommendations, through the following URL: http://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia
.
The deadline for completing the review is 09-16-2019.

If you do not have your login and password to access the system, please use the link below to create a new password that will be sent to you via email, after the confirmation message of the password update request, along with your username. Click on the following link to create your new password:
http://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/login/resetPassword/acalvo?confirm=b971228ac0f5a8dc3e52a460f178052ad151e0c91a2fc0ff025dbc5b4759fa93%3A1567441971

Click on the link below to access the system and the assigned submission.
Submission URL: http://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/reviewer/submission/10033

Thank you in advance for your attention.

Evando Carlos Moreira
Federal University of Mato Grosso - UFMT, Cuiabá
ecmmoreira@uol.com.br

Submission data

Title
“WORKPLACE GYMNASTICS: PREROGATIVES FOR DISSEMINATION”

Abstract
Workplace gymnastics, as a means of maintaining workers’ quality of life, seeks new forms of application focused on health. Such approaches offer activities aimed at improving workers’ performance through physical exercise, contributing to the prevention of pathologies acquired in the work environment. This study aims to analyze the adherence rate to workplace gymnastics, selecting possible strategies for its implementation. A literature review was conducted, selecting articles from the years 2013 to 2017 linked to the Bireme-Lilacs and Scielo databases and selected through the keywords: physical activity, workplace

gymnastics, workers' health, and quality of life. It was concluded that workplace gymnastics significantly contributes to reducing workers' absenteeism due to health reasons, thus improving participants' quality of life. Recommendations are necessary for implementing the workplace program to ensure its proper establishment according to the ethical parameters of physical activity.
Evando Carlos Moreira

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that I have performed the professional translation of this document from Portuguese to English, as a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana

Date: November 10, 2025.

[RC] A revista Corpoconsciência solicita avaliação de artigo

De: Evando Carlos Moreira (ecmmoreira@uol.com.br)

Para: calvo.ufmt@yahoo.com.br

Data: segunda-feira, 2 de setembro de 2019 às 11:33 BRT

Adriano Percival Calderaro Calvo,

Acredito que seu conhecimento será fundamental para realizar a avaliação do trabalho "GINÁSTICA LABORAL: PRERROGATIVAS PARA DISSEMINAÇÃO" submetido a Corpoconsciência. Informações sobre a submissão encontram-se nesta mensagem, e espero que considere assumir esta importante responsabilidade.

Acesse o sistema até 2019-09-09 para informar se estará disponível ou não para realizar a avaliação, bem como acessar os dados completos da submissão e registrar sua avaliação e recomendações, por meio da URL http://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia.

O prazo para a conclusão da avaliação é 2019-09-16.

Caso não tenha seu login e senha de acesso para acessar o sistema, use o link a seguir para que o sistema crie uma nova senha que lhe será enviada via e-mail, após mensagem de confirmação de solicitação de atualização de senha, junto com o seu login. Clique no link a seguir para criar sua nova senha:
http://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/login/resetPassword/acalvo?confirm=b971228ac0f5a8dc3e52a460f178052ad151e0c91a2fc0ff025dbc5b4759fa93%3A1567441971

Clique no link baixo para acessar o sistema e a submissão designada.
URL da submissão: http://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/reviewer/submission/10033

Agradecemos desde já sua atenção.

Evando Carlos Moreira
Universidade Federal de Mato Grosso - UFMT, Cuiabá
ecmmoreira@uol.com.br

Dados da submissão

Título
"GINÁSTICA LABORAL: PRERROGATIVAS PARA DISSEMINAÇÃO"

Resumo

Resumo
A ginástica laboral como forma de manutenção da qualidade de vida dos trabalhadores busca novas formas de aplicabilidade voltadas à saúde. Tais abordagens oferecem atividades que vislumbrem melhor rendimento dos trabalhadores através de atividades físicas contribuindo na prevenção de patologias adquiridas no ambiente de trabalho. Este estudo tem intuito de analisar o índice de adesão da ginástica laboral selecionando possíveis estratégias para sua implantação. Efetuou-se uma revisão de literatura elencando artigos dentre os anos de 2013 a 2017 vinculados à base de dados Bireme-Lilacs e Scielo e elencados através das palavras chaves: atividade física,

ginástica laboral, saúde do trabalhador e qualidade de vida. Concluiu-se a ginástica laboral contribui significativamente para redução do afastamento dos tr abalhadores por motivos salutares contribuindo para melhoria da qualidade de vida dos participantes. Fazem-se necessárias recomendações para implantação do programa laboral visando a melhor instauração do mesmo conforme os parâmetros éticos da atividade física.
Evando Carlos Moreira

[RC] The Corpoconsciência journal requests an article review

From: Evando Carlos Moreira via UFMT Scientific Journals Portal (periodicos@setec.ufmt.br)

To: calvo.ufmt@yahoo.com.br

Date: Saturday, August 15, 2020, at 2:19 PM BRT

Adriano Percival Calderaro Calvo,

I believe your knowledge will be essential to carry out the review of the paper “PREVALENCE OF GLENOHUMERAL INTERNAL ROTATION DEFICIT AND SCAPULAR DYSKINESIA IN AMATEUR SWIMMERS,” submitted to Corpoconsciência. Information about the submission can be found in this message, and I hope you will consider assuming this important responsibility.

Please access the system by 09-05-2020 to inform whether you will be available to perform the review, as well as to access the complete submission data and record your review and recommendations, through the URL: https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia

The deadline for completing the review is 08-29-2020.

If you do not have your login and password to access the system, use the link below so that the system can create a new password, which will be sent to you by email after a confirmation message for the password update request, along with your login. Click the link below to create your new password:
https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/login/lostPassword

Click on the link below to access the system and the assigned submission.
Submission URL: https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/reviewer/submission?submissionId=11447

We thank you in advance for your attention.

Evando Carlos Moreira
Federal University of Mato Grosso - UFMT, Cuiabá
ecmmoreira@uol.com.br

Submission data

Title
“PREVALENCE OF GLENOHUMERAL INTERNAL ROTATION DEFICIT AND SCAPULAR DYSKINESIA IN AMATEUR SWIMMERS”

Abstract

This research aimed to identify the presence of GIRD and scapular dyskinesia in amateur swimmer athletes. This was an observational, descriptive, and quantitative study. GIRD is the decrease in internal rotation and the exacerbation of external rotation of the glenohumeral joint. This alteration was identified in

10% of the athletes; another 10% showed no alteration, and in 80% a decrease in internal rotation was observed. Forty scapulae were evaluated, and the diagnosis was made using the test that classifies the type of scapular dyskinesia, with the highest prevalence of type II dyskinesia, where 17.5% presented type I scapular dyskinesia; 57.5% showed type II dyskinesia; and 25% type IV. Regarding the GIRD findings, there was no significance, since most presented internal rotation deficit without exacerbation of external rotation, which does not result in GIRD. As for scapular dyskinesia, most showed alteration in the scapulothoracic rhythm, predominantly of type II.

_____ Corpoconsciência Journal
http://www.periodicoscientificos.ufmt.br/index.php/corpoconsciencia

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that I have performed the professional translation of this document from Portuguese to English, as a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana

_____ **Date: November 11, 2025.**

[RC] A revista Corpoconsciência solicita avaliação de artigo

De: Evando Carlos Moreira via Portal de Revistas Científicas da UFMT (periodicos@setec.ufmt.br)

Para: calvo.ufmt@yahoo.com.br

Data: sábado, 15 de agosto de 2020 às 14:19 BRT

Adriano Percival Calderaro Calvo,

Acredito que seu conhecimento será fundamental para realizar a avaliação do trabalho "PREVALÊNCIA DE DÉFICIT DE ROTAÇÃO INTERNA DA GLENOUMERAL E DA DISCINESIA ESCAPULAR EM NADADORES AMADORES" submetido a Corpoconsciência. Informações sobre a submissão encontram-se nesta mensagem, e espero que considere assumir esta importante responsabilidade.

Acesse o sistema até 2020-09-05 para informar se estará disponível ou não para realizar a avaliação, bem como acessar os dados completos da submissão e registrar sua avaliação e recomendações, por meio da URL https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia.

O prazo para a conclusão da avaliação é 2020-08-29.

Caso não tenha seu login e senha de acesso para acessar o sistema, use o link a seguir para que o sistema crie uma nova senha que lhe será enviada via e-mail, após mensagem de confirmação de solicitação de atualização de senha, junto com o seu login. Clique no link a seguir para criar sua nova senha: https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/login/lostPassword

Clique no link baixo para acessar o sistema e a submissão designada.
URL da submissão: https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/reviewer/submission?submissionId=10857

Agradecemos desde já sua atenção.

Evando Carlos Moreira
Universidade Federal de Mato Grosso - UFMT, Cuiabá
ecmmoreira@uol.com.br

Dados da submissão

Título
"PREVALÊNCIA DE DÉFICIT DE ROTAÇÃO INTERNA DA GLENOUMERAL E DA DISCINESIA ESCAPULAR EM NADADORES AMADORES"

Resumo

Resumo

O objetivo dessa pesquisa foi identificar a presença de GIRD e discinesia escapular em atletas nadadores amadores. Sendo este um estudo observacional, descritivo e quantitativo. GIRD é a diminuição da rotação interna e a exacerbação da rotação externa da glenoumeral. Foi identificada essa alteração em 10% dos atletas; outros 10%

não apresentaram alteração e em 80% foi observado a diminuição da rotação interna. Foram avaliadas 40 escápulas e o diagnóstico se deu através do teste que classifica o tipo de discinesia escapular com a maior prevalência da discinesia tipo II, onde 17,5% apresentaram discinesia escapular tipo I; 57,5% mostraram discinesia tipo II; e 25% tipo IV. Aos achados de GIRD, não houve significância, pois a maioria apresentou o déficit de rotação interna sem a exacerbação da rotação externa, o que não resulta em GIRD. Já a discinesia escapular, a maioria apresentou alteração no ritmo escapulotorácico com predominância do tipo II.

_____ Revista Corpoconsciência http://www.periodicoscientificos.ufmt.br/index.php/corpoconsciencia

[RC] The Corpoconsciência journal requests an article review

From: Evando Carlos Moreira via UFMT Scientific Journals Portal (periodicos@setec.ufmt.br)

To: calvo.ufmt@yahoo.com.br

Date: Monday, November 23, 2020, at 3:34 PM BRT

Adriano Percival Calderaro Calvo,

I believe your knowledge will be essential to carry out the review of the paper “PREVALENCE OF GLENOHUMERAL INTERNAL ROTATION DEFICIT AND SCAPULAR DYSKINESIA IN AMATEUR SWIMMERS,” submitted to Corpoconsciência. Information regarding the submission is provided in this message, and I hope you will consider taking on this important responsibility.

Access the system by 12-04-2020 to inform whether you will be available to conduct the review, as well as to access the full submission details and record your review and recommendations, through the URL: https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia

The deadline for completing the review is 12-19-2020.

If you do not have your username and password to access the system, use the following link so that the system can create a new password, which will be sent to you via email after the confirmation message for the password update request, together with your username. Click the following link to create your new password:
https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/login/lostPassword

Click on the link below to access the system and the assigned submission.
Submission URL: https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/reviewer/submission?submissionId=11447

We thank you in advance for your attention.

Evando Carlos Moreira
Federal University of Mato Grosso - UFMT, Cuiabá
ecmmoreira@uol.com.br

Submission data

Title
“PREVALENCE OF GLENOHUMERAL INTERNAL ROTATION DEFICIT AND SCAPULAR DYSKINESIA IN AMATEUR SWIMMERS”

Abstract

Glenohumeral internal rotation deficit (GIRD) is characterized as a decrease in the range of motion of the shoulder’s internal rotation, both on the dominant and non-dominant sides. GIRD results from anatomical changes caused by the biomechanics of sports involving high load and overhead arm

motion. The objective of this research was to identify the presence of GIRD and scapular dyskinesia in amateur swimming athletes. This is an observational, descriptive, and quantitative study. The data were collected, organized, and stored in a Microsoft Excel 2017® spreadsheet and were later analyzed through simple descriptive statistics and mean and standard deviation analysis. Within the statistical analysis, absolute and relative frequency were used for the data. This alteration was identified in 10% of the athletes; another 10% showed no alteration, and in 80%, a reduction of internal rotation was observed. A total of 17 men and 3 women were evaluated, and the diagnosis was made through the test that classifies the type of scapular dyskinesia, with a higher prevalence of type II dyskinesia, where 17.5% presented type I scapular dyskinesia, 57.5% type II, and 25% type IV. Regarding the GIRD findings, there was no statistical significance, since most presented internal rotation deficit without exacerbation of external rotation, which does not result in GIRD. As for scapular dyskinesia, most showed alterations in the scapulothoracic rhythm, predominantly of type II.

_____ Corpoconsciência Journal
http://www.periodicoscientificos.ufmt.br/index.php/corpoconsciencia

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that I have performed the professional translation of this document from Portuguese to English, as a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana

Date: November 11, 2025.

[RC] A revista Corpoconsciência solicita avaliação de artigo

De: Evando Carlos Moreira via Portal de Revistas Científicas da UFMT (periodicos@setec.ufmt.br)

Para: calvo.ufmt@yahoo.com.br

Data: segunda-feira, 23 de novembro de 2020 às 15:34 BRT

Adriano Percival Calderaro Calvo,

Acredito que seu conhecimento será fundamental para realizar a avaliação do trabalho "PREVALÊNCIA DE DÉFICIT DE ROTAÇÃO INTERNA DA GLENOUMERAL E DA DISCINESIA ESCAPULAR EM NADADORES AMADORES" submetido a Corpoconsciência. Informações sobre a submissão encontram-se nesta mensagem, e espero que considere assumir esta importante responsabilidade.

Acesse o sistema até 2020-12-04 para informar se estará disponível ou não para realizar a avaliação, bem como acessar os dados completos da submissão e registrar sua avaliação e recomendações, por meio da URL https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia.

O prazo para a conclusão da avaliação é 2020-12-19.

Caso não tenha seu login e senha de acesso para acessar o sistema, use o link a seguir para que o sistema crie uma nova senha que lhe será enviada via e-mail, após mensagem de confirmação de solicitação de atualização de senha, junto com o seu login. Clique no link a seguir para criar sua nova senha:
https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/login/lostPassword

Clique no link baixo para acessar o sistema e a submissão designada.
URL da submissão: https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/reviewer/submission?submissionId=11447

Agradecemos desde já sua atenção.

Evando Carlos Moreira
Universidade Federal de Mato Grosso - UFMT, Cuiabá
ecmmoreira@uol.com.br

Dados da submissão

Título
"PREVALÊNCIA DE DÉFICIT DE ROTAÇÃO INTERNA DA GLENOUMERAL E DA DISCINESIA ESCAPULAR EM NADADORES AMADORES"

Resumo

Resumo

O déficit de rotação interna da glenoumeral (GIRD) é caracterizada como uma diminuição da amplitude de movimento da rotação interna do ombro, tanto no lado dominante, quanto no lado não dominante. O GIRD decorre de alterações anatômicas provocadas pela biomecânica do esporte que é de alta carga e lançamento do braço para

cima da cabeça. O objetivo dessa pesquisa foi identificar a presença de GIRD e discinesia escapular em atletas nadadores amadores. Sendo este um estudo observacional, descritivo e quantitativo. Os dados foram coletados, organizados e armazenados em planilha eletrônica do Microsoft Excel 2017® e, posteriormente, foram calculados por meio de estatística descritiva simples e análise de média e desvio padrão. E dentro da análise estatística foi usada a frequência absoluta e relativa nos dados. Foi identificada essa alteração em 10% dos atletas; outros 10% não apresentaram alteração e em 80% foi observado a diminuição da rotação interna. Foram avaliados 17 homens e 3 mulheres avaliados, e o diagnóstico se deu através do teste que classifica o tipo de discinesia escapular com a maior prevalência da discinesia tipo II, onde 17,5% apresentaram discinesia escapular tipo I; 57,5% mostraram discinesia tipo II; e 25% tipo IV. Aos achados de GIRD, não houve significância, pois a maioria apresentou o déficit de rotação interna sem a exacerbação da rotação externa, o que não resulta em GIRD. Já a discinesia escapular, a maioria apresentou alteração no ritmo escapulotorácico com predominância do tipo II.

_____ Revista Corpoconsciência http://www.periodicoscientificos.ufmt.br/index.php/corpoconsciencia

[RC] The Corpoconsciência journal requests an article review

From: Evando Carlos Moreira via UFMT Scientific Journals Portal (periodicos@setec.ufmt.br)

To: calvo.ufmt@yahoo.com.br

Date: Tuesday, June 15, 2021, at 12:14 PM BRT

Adriano Percival Calderaro Calvo,

I believe your knowledge will be essential to carry out the review of the paper “THE INFLUENCE OF STRETCHING PERFORMED PRIOR TO THE 1RM TEST ON THE PERFORMANCE OF THE BENCH PRESS: THE INFLUENCE OF STRETCHING PERFORMED PRIOR TO THE 1RM TEST ON THE PERFORMANCE OF THE BENCH PRESS” submitted to Corpoconsciência. Information about the submission is included in this message, and I hope you will consider taking on this important responsibility.

Please access the system by 06-22-2021 to indicate whether or not you will be available to perform the review, as well as to access the full submission data and record your evaluation and recommendations, through the following URL: https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia
.
The deadline for completing the review is 07-06-2021.

If you do not have your login and password to access the system, please use the link below so that the system can create a new password, which will be sent to you via email after confirmation of your password reset request, along with your username. Click on the following link to create your new password:
https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/login/lostPassword

Click on the link below to access the system and the assigned submission.
Submission URL: https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/reviewer/submission?submissionId=12054

Thank you in advance for your attention.

Evando Carlos Moreira
Federal University of Mato Grosso - UFMT, Cuiabá
ecmmoreira@uol.com.br

Submission data

Title
“THE INFLUENCE OF STRETCHING PERFORMED PRIOR TO THE 1RM TEST ON THE PERFORMANCE OF THE BENCH PRESS: THE INFLUENCE OF STRETCHING PERFORMED PRIOR TO THE 1RM TEST ON THE PERFORMANCE OF THE BENCH PRESS”

Abstract

The present study aims to identify whether static active stretching and dynamic active stretching are capable of influencing and improving the performance of adult weight training practitioners in achieving maximum dynamic strength. To reach the result, 30 individuals were tested under three different conditions: Control Group (CG), Static Active Stretching Group (SASG), and Dynamic Active Stretching Group (DASG). All participants underwent three One Repetition Maximum (1RM) tests, which were performed on the flat bench press with a free barbell. In the first test, global results were obtained with the test performed only after warm-up; in the second test, execution was according to the assigned group; the third test was performed in the same way as the first, serving to ensure consistency of the results. Based on the results obtained, we concluded that both types of stretching impair dynamic strength; however, it was observed that static active stretching has a greater influence.

_____ Corpoconsciência Journal
http://www.periodicoscientificos.ufmt.br/index.php/corpoconsciencia

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that I have performed the professional translation of this document from Portuguese to English, as a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana

_____ **Date: November 11, 2025.**

[RC] A revista Corpoconsciência solicita avaliação de artigo

De: Evando Carlos Moreira via Portal de Revistas Científicas da UFMT (periodicos@setec.ufmt.br)

Para: calvo.ufmt@yahoo.com.br

Data: terça-feira, 15 de junho de 2021 às 12:14 BRT

Adriano Percival Calderaro Calvo,

Acredito que seu conhecimento será fundamental para realizar a avaliação do trabalho "A INFLUÊNCIA DO ALONGAMENTO REALIZADO PRÉVIO AO TESTE DE 1RM NO DESEMPENHO DO SUPINO RETO: A INFLUÊNCIA DO ALONGAMENTO REALIZADO PRÉVIO AO TESTE DE 1RM NO DESEMPENHO DO SUPINO RETO" submetido a Corpoconsciência. Informações sobre a submissão encontram-se nesta mensagem, e espero que considere assumir esta importante responsabilidade.

Acesse o sistema até 2021-06-22 para informar se estará disponível ou não para realizar a avaliação, bem como acessar os dados completos da submissão e registrar sua avaliação e recomendações, por meio da URL https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia.

O prazo para a conclusão da avaliação é 2021-07-06.

Caso não tenha seu login e senha de acesso para acessar o sistema, use o link a seguir para que o sistema crie uma nova senha que lhe será enviada via e-mail, após mensagem de confirmação de solicitação de atualização de senha, junto com o seu login. Clique no link a seguir para criar sua nova senha: https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/login/lostPassword

Clique no link baixo para acessar o sistema e a submissão designada.
URL da submissão: https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/reviewer/submission?submissionId=12054

Agradecemos desde já sua atenção.

Evando Carlos Moreira
Universidade Federal de Mato Grosso - UFMT, Cuiabá
ecmmoreira@uol.com.br

Dados da submissão

Título
"A INFLUÊNCIA DO ALONGAMENTO REALIZADO PRÉVIO AO TESTE DE 1RM NO DESEMPENHO DO SUPINO RETO: A INFLUÊNCIA DO ALONGAMENTO REALIZADO PRÉVIO AO TESTE DE 1RM NO DESEMPENHO DO SUPINO RETO"

Resumo

Resumo

O presente trabalho tem como objetivo identificar se o alongamento ativo estático e o alongamento ativo dinâmico serão capazes de influenciar e melhorar o desempenho de praticantes de musculação adultos na obtenção da força máxima dinâmica. Para chegar no resultado 30 indivíduos foram testados em 3 condições diferentes. Grupo Controle (GA), Grupo Alongamento Ativo Estático (GAE) e Grupo Alongamento Ativo Dinâmico (GAD). Todos os participantes foram submetidos a três testes de 1RM que foi executado no supino reto com barra livre, no primeiro teste foram obtidos os resultados globais com o teste realizado somente com o aquecimento, no segundo teste, a execução foi de acordo com o grupo inserido, já a terceiro teste foi realizado da mesma forma que o primeiro, servindo para dar consistência aos resultados. Através dos resultados obtidos concluímos que os dois tipos de alongamentos prejudicam a força dinâmica, porém, foi possível observar que o alongamento ativo estático gera uma influência maior.

_____ Revista Corpoconsciência http://www.periodicoscientificos.ufmt.br/index.php/corpoconsciencia

[RC] Thank you for the review

From: Evando Carlos Moreira via UFMT Portal for Scientific Journals (periodicos@setec.ufmt.br)

To: calvo.ufmt@yahoo.com.br

Date: Thursday, November 26, 2020, at 05:27 PM BRT

Adriano Percival Calderaro Calvo,

We thank you for completing the review of the submission “PREVALENCE OF INTERNAL ROTATION DEFICIT OF GLENOUMERAL AND SCAPULAR DYSKINESIA IN AMATEUR SWIMMERS” for the journal Corpoconsciência.

Your contribution is essential for the quality of the published works.

Evando Carlos Moreira

I, Raphael Michels Fantinato de Moura, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: August 17, 2025.**

[RC] Agradecimento pela avaliação

De: Evando Carlos Moreira via Portal de Revistas Científicas da UFMT (periodicos@setec.ufmt.br)

Para: calvo.ufmt@yahoo.com.br

Data: quinta-feira, 26 de novembro de 2020 às 17:27 BRT

Adriano Percival Calderaro Calvo,

Agradecemos ter concluído a avaliação da submissão "PREVALÊNCIA DE DÉFICIT DE ROTAÇÃO INTERNA DA GLENOUMERAL E DA DISCINESIA ESCAPULAR EM NADADORES AMADORES" à revista Corpoconsciência.

Sua contribuição é fundamental para a qualidade dos trabalhos publicados.

Evando Carlos Moreira

_____ Revista Corpoconsciência http://www.periodicoscientificos.ufmt.br/index.php/corpoconsciencia

Gmail

Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

[RAN] Acknowledgment for the Review

1 message

RAN - Agulhas Negras Journal <ran.editor@aman.eb.mil.br> Wed, Sep 4, 2024 at 8:40 AM
To: "Adriano P. C. Calvo" <percivalcalvo.fab@gmail.com>

Adriano P. C. Calvo,

We thank you for completing the review of the manuscript "Development and Validation of Physical Tests in the Military Context: Insights for Tactical Athletes" for the Agulhas Negras Journal.

Your contribution is essential to the quality of the published works.

RAN - Agulhas Negras Journal
ran.editor@aman.eb.mil.br

Capt. Arlindo José de **Barros** Junior

Managing Editor

+55 (24) 3388-5098

ran.editor@aman.eb.mil.br

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I, Raphael Michels Fantinato de Moura, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura **Date: April 10, 2025.**

Gmail Adriano Percival Calderaro Calvo <percivalcalvo.fab@gmail.com>

[RAN] Agradecimento pela avaliação

1 message

RAN - Revista Agulhas Negras <ran.editor@aman.eb.mil.br> Wed, Sep 4, 2024 at 8:40 AM
To: "Adriano P. C. Calvo" <percivalcalvo.fab@gmail.com>

Adriano P. C. Calvo,

Agradecemos por ter concluído a avaliação da submissão "Desenvolvimento e Validação de Testes Físicos no âmbito militar: Insights para Atletas Táticos" à revista Revista Agulhas Negras.

Sua contribuição é fundamental para a qualidade dos trabalhos publicados.

RAN - Revista Agulhas Negras
ran.editor@aman.eb.mil.br

Cap Arlindo José de **Barros** Junior

Editor Adjunto / Managing Editor

+55 (24) 3388-5098

ran.editor@aman.eb.mil.br

##default.journalSettings.emailSignature##

Date: Wed, 25 Jun 2014 00:26:54 -0300
From: "Carlo Henrique Golin" <carlohenriquegolin@hotmail.com>
To: "Adriano Percival Calderaro Calvo" <calvo@ufmt.br>
Subject: [RBCM] Thanks for the Evaluation and Recognition as a Reviewer of RBCM (Brazilian Journal of Science and Movement)

Adriano Percival Calderaro Calvo,

We thank you for completing the evaluation of the submission "Schoolchildren with low academic performance present low motor performance: an exploratory study" to the Brazilian Journal of Science and Movement. Your contribution is fundamental to the quality of the published work.
We would also like to officially acknowledge your role as an Article Reviewer for RBCM in the year 2014.

Carlo Henrique Golin
UFMS (Federal University of Mato Grosso do Sul) - PANTANAL CAMPUS
Phone 067 99741444
Fax 067 32330151
carlohenriquegolin@hotmail.com

Brazilian Journal of Science and Movement
http://portalrevistas.ucb.br/index.php/RBCM

Voluntary activity

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I, Carolina Favero da Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.



_____ Date: June 06, 2025.

Date: Wed, 25 Jun 2014 00:26:54 -0300
From: "Carlo Henrique Golin" <carlohenriquegolin@hotmail.com>
To: "Adriano Percival Calderaro Calvo" <calvo@ufmt.br>
Subject: [RBCM] Agradecimento pela Avaliação e Reconhecimento como Revisor da RBCM

Adriano Percival Calderaro Calvo,

Agradecemos ter concluído a avaliação da submissão "Escolares com baixo desempenho acadêmico apresentam baixo desempenho motor: um estudo exploratório" a Revista Brasileira de Ciência e Movimento. Sua contribuição é fundamental para a qualidade do trabalho publicado.
Aproveitamos para registrar sua ação como Revisor de Artigos na RBCM no ano de 2014.

Carlo Henrique Golin
UFMS - CÂMPUS PANTANAL
Fone 067 99741444
Fax 067 32330151
carlohenriquegolin@hotmail.com

Revista Brasileira de Ciência e Movimento
http://portalrevistas.ucb.br/index.php/RBCM

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MINISTRY OF EDUCATION

FEDERAL UNIVERSITY OF MATO GROSSO

VICE PRESIDENT'S OFFICE FOR TEACHING AND GRADUATE STUDIES

GRADUATE PROGRAM IN HEALTH SCIENCES

MINUTES OF THE PUBLIC DEFENSE

Doctoral Student Michelle Jalousie Kommers

On the 14th day of May 2025, at 8:30 a.m., in the online room meet.google.com/jrn-hprc-kbr, under the chairmanship of Professor Dr. Carlos Alexandre Fett, a public session was held by the Examining Committee for the defense of the Dissertation of Michelle Jalousie Kommers, a student in the GRADUATE PROGRAM IN HEALTH SCIENCES, aiming to obtain the degree of DOCTOR OF HEALTH SCIENCES. The Doctoral Student completed the requirements for obtaining the degree of Doctor in the area of Concentration in Physiology and Biochemistry. The student had previously passed the Qualifying Exam on 12/13/2022, in accordance with the records held by the GRADUATE PROGRAM IN HEALTH SCIENCES. This was the 80th public session for a Doctoral Dissertation Defense in the Program. The session commenced at 8:30 a.m. by the President of the Examining Committee, which was composed of Professors Drs. Carlos Alexandre Fett (Chair/32911912187), Carlos Alexandre Fett (Advisor/32911912187), João Carlos Alchieri (External Examiner, Federal University of Rio Grande do Norte/34616055068), Adriano Percival Calderaro Calvo (External Examiner, Federal University of Mato Grosso/26645284387), ARTUR LUIS BESSA DE OLIVEIRA (Internal Examiner/05486295790), Ruberlei Godinho de Oliveira (Internal Examiner/02373659107), Amílcar Sabino Damazo (Substitute Examiner/16555913800). The graduate student then presented her dissertation, entitled "COMPARISON OF FOUR METHODS IN THE RECOVERY OF LATE-ONSET MUSCLE PAIN". The candidate was then questioned by the members of the examining committee. The questioning session concluded at 11:25 a.m., and after deliberation, the committee approved the dissertation. The final result was announced by the Chair of the Examining Committee, concluding the proceedings. The degree of Doctor will be conferred on the condition that the final corrected version is submitted to the Program Office within the timeframe established by the Program's Internal Regulations (90 days), together with the Advisor's Approval Form. Once these formalities are completed, at 11:25 a.m., the Chair of the defense session adjourned the meeting. I, Ananda, from the GRADUATE PROGRAM IN HEALTH SCIENCES, recorded this minutes, which, once read and approved, will be signed by the members of the examining committee.

COMPOSITION OF THE EXAMINING COMMITTEE

1. _____ Doctor Carlos Alexandre Fett (Chair of the Examining Committee)

2. _____ Doctor Carlos Alexandre Fett (Advisor)

3. _____ Doctor João Carlos Alchieri (External Examiner)

4. _____ Doctor Adriano Percival Calderaro Calvo (External Examiner)

5. _____ Doctor ARTUR LUIS BESSA DE OLIVEIRA (Internal Examiner)

6. _____ Doctor Ruberlei Godinho de Oliveira (Internal Examiner)

7. _____ Doctor Amílcar Sabino Damazo (Substitute Examiner)

Committee Suggestions: The degree of Doctor will be conferred on the condition that the final corrected version is submitted to the Program Office within the timeframe established by the Program's Internal Regulations (90 days), together with the Advisor's Approval Form.

The student's acknowledgement is done digitally through SEI.

CUIABÁ, 05/14/2025

Document digitally signed by **Michelle Jalouise Kommers**, **External User**, on 05/15/2025, at 10:24 a.m., according to the official Brasília time, based on §3 of article 4 of Decree No. 10,543, of November 13, 2020.

Document digitally signed by **João Carlos Alchieri**, **External User**, on 05/15/2025, at 10:42 a.m., according to the official Brasília time, based on §3 of article 4 of Decree No. 10,543, of November 13, 2020.

Document digitally signed by **RUBERLEI GODINHO DE OLIVEIRA**, **Pharmacist**, on 05/15/2025, at 04:50 p.m., according to the official Brasília time, based on §3 of article 4 of Decree No. 10,543, of November 13, 2020.

Document digitally signed by **ARTUR LUIS BESSA DE OLIVEIRA**, **Professor at Federal University of Mato Grosso**, on 05/21/2025, at 03:31 p.m., according to the official Brasília time, based on §3 of article 4 of Decree No. 10,543, of November 13, 2020.

Document digitally signed by **CARLOS ALEXANDRE FETT**, **Professor at Federal University of Mato Grosso**, on 05/15/2025, at 10:42 a.m., according to the official Brasília time, based on §3 of article 4 of Decree No. 10,543, of November 13, 2020.

Document digitally signed by **Adriano Percival Calderaro Calvo**, **External User**, on 06/03/2025, at 11:06 a.m., according to the official Brasília time, based on §3 of article 4 of Decree No. 10,543, of November 13, 2020.

The authenticity of this document can be checked on the website http://sei.ufmt.br/sei/controlador_externo.php?acao=documento_conferir&id_orgao_acesso_externo=0, entering the verifying code **7919883** and the CRC code **2AB4BA96**.

I, Raphael Michels Fantinato de Moura, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: August 18, 2025.**

MINISTÉRIO DA EDUCAÇÃO

UNIVERSIDADE FEDERAL DE MATO GROSSO

PRÓ-REITORIA DE ENSINO DE PÓS-GRADUAÇÃO

PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS DA SAÚDE

ATA DE DEFESA PÚBLICA

Doutorando(a) Michelle Jalousie Kommers

Aos 14 dias do mês de Maio do ano de 2025, à 08:30 horas, no(a) Sala online - meet.google.com/jrn-hprc-kbr, sob a presidência do professor Doutor Carlos Alexandre Fett, reuniu-se em sessão pública a Banca Examinadora de defesa da Tese de Doutorado, o(a) discente Michelle Jalousie Kommers do PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS DA SAÚDE, visando a obtenção de título de DOUTOR EM CIÊNCIAS DA SAÚDE. A Doutoranda concluiu os créditos exigidos para obtenção do título de Doutor, na Área de Concentração Fisiologia e Bioquímica, e foi aprovado no Exame de Qualificação no dia 13/12/2022, de acordo com os registros constantes na Secretaria do PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS DA SAÚDE. Esta foi a 80º sessão pública de Defesa de Tese do Programa. Os trabalhos foram instalados às 08:30 horas pelo presidente da Banca Examinadora, constituída pelos professores Doutores Carlos Alexandre Fett (Presidente Banca/32911912187), Carlos Alexandre Fett (Orientador(a)/32911912187), João Carlos Alchieri (Examinador(a) Externo(a)/Universidade Federal do Rio Grande do Norte/34616055068), Adriano Percival Calderaro Calvo (Examinador(a) Externo(a)/UNIVERSIDADE FEDERAL DE MATO GROSSO/26645284837), ARTUR LUIS BESSA DE OLIVEIRA (Examinador(a) Interno(a)/05486295790), Ruberlei Godinho de Oliveira (Examinador(a) Interno(a)/02373659107), Amílcar Sabino Damazo (Examinador(a) Suplente/16555913800). O(A) pós-graduando(a) procedeu à apresentação de seu trabalho, cujo título é "COMPARAÇÃO DE QUATRO MÉTODOS NA RECUPERAÇÃO DE DOR MUSCULAR DE INÍCIO TARDIO". E em seguida foi arguido(a) pelos integrantes da banca. Os trabalhos de arguição foram encerrados às 11:25 horas, e após reunião a Banca deliberou por sua aprovação. Proclamando o resultado final pelo Presidente da Banca Examinadora foram concluídos os trabalhos. O título de Doutor será conferido sob condição de apresentação, na Secretaria do Programa, da versão final corrigida na forma e no prazo estabelecido no Regimento Interno do Programa (90 dias) juntamente com o Termo de Aprovação do Orientador. Cumpridas as formalidades, às 11:25 horas, o presidente da mesa encerrou a sessão de defesa, e para constar eu, Ananda do PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS DA SAÚDE lavrei a presente ata que, após lida e aprovada, será assinada pelos integrantes da banca examinadora.

COMPOSIÇÃO DA BANCA EXAMINADORA

1. _____ Doutor(a) Carlos Alexandre Fett (Presidente Banca)

2. _____ Doutor(a) Carlos Alexandre Fett (Orientador(a)

3. _____ Doutor(a) João Carlos Alchieri (Examinador(a) Externo(a)

4. _____ Doutor(a) Adriano Percival Calderaro Calvo (Examinador(a) Externo(a)

5. _____ Doutor(a) ARTUR LUIS BESSA DE OLIVEIRA (Examinador(a) Interno(a)

6. _____ Doutor(a) Ruberlei Godinho de Oliveira (Examinador(a) Interno(a)

7. _____ Doutor(a) Amílcar Sabino Damazo (Examinador(a) Suplente)

Recomendações da Banca: O título de Doutor será conferido sob condição de apresentação, na Secretaria do Programa, da versão final corrigida na forma e no prazo estabelecido no Regimento Interno do Programa (90 dias) juntamente com o Termo de Aprovação do Orientador

Ciência do (a) Discente é realizada eletronicamente através do SEI.

CUIABÁ,14/05/2025

Documento assinado eletronicamente por **Michelle Jalousie Kommers**, **Usuário Externo**, em 15/05/2025, às 10:24, conforme horário oficial de Brasília, com fundamento no § 3º do art. 4º do Decreto nº 10.543, de 13 de novembro de 2020.

Documento assinado eletronicamente por **João Carlos Alchieri**, **Usuário Externo**, em 15/05/2025, às 10:42, conforme horário oficial de Brasília, com fundamento no § 3º do art. 4º do Decreto nº 10.543, de 13 de novembro de 2020.

Documento assinado eletronicamente por **RUBERLEI GODINHO DE OLIVEIRA**, **Farmacêutico**, em 15/05/2025, às 16:50, conforme horário oficial de Brasília, com fundamento no § 3º do art. 4º do Decreto nº 10.543, de 13 de novembro de 2020.

Documento assinado eletronicamente por **ARTUR LUIS BESSA DE OLIVEIRA**, **Docente da Universidade Federal de Mato Grosso**, em 21/05/2025, às 15:31, conforme horário oficial de Brasília, com fundamento no § 3º do art. 4º do Decreto nº 10.543, de 13 de novembro de 2020.

Documento assinado eletronicamente por **CARLOS ALEXANDRE FETT**, **Docente da Universidade Federal de Mato Grosso**, em 27/05/2025, às 09:24, conforme horário oficial de Brasília, com fundamento no § 3º do art. 4º do Decreto nº 10.543, de 13 de novembro de 2020.

Documento assinado eletronicamente por **Adriano Percival Calderaro Calvo**, **Usuário Externo**, em 03/06/2025, às 11:06, conforme horário oficial de Brasília, com fundamento no § 3º do art. 4º do Decreto nº 10.543, de 13 de novembro de 2020.

A autenticidade deste documento pode ser conferida no site http://sei.ufmt.br/sei/controlador_externo.php?acao=documento_conferir&id_orgao_acesso_externo=0, informando o código verificador **7919883** e o código CRC **2AB4BA96**.

MINISTRY OF DEFENSE
AIR FORCE COMMAND
AIR FORCE UNIVERSITY

DECLARATION

I hereby declare, for academic record purposes, that Professor Doctor ADRIANO PERCIVAL CALDERARO CALVO served as member of the examining committee for the dissertation defense titled "CONTRAST SENSITIVITY IN BRAZILIAN AIR FORCE PILOTS: AN EXPLORATORY STUDY", by Major Medical Corps (Ground Forces Officer) JANINY MANCINI RODRIGUES SILVA DE PAIVA VALENTE, a student in the Professional Master's Program in Operational Human Performance (PPGDHO), at the Air Force University (UNIFA), class 2019, held on August 25, 2022, at 2:00 p.m., via videoconference.

I also declare that the examining committee was composed by:

- Professor Doctor LEONICE APARECIDA DOIMO (UNIFA) – Advisor;
- Professor Doctor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA); and
- Professor Doctor MARCIO PENHA MORTERÁ RODRIGUES (UFRL).

Rio de Janeiro, September 28, 2022.

COMANDO DA AERONAUTICA
UNIFA

-----// digital signature //-----

ANTONIO RODRIGUES DA SILVA Colonel Aircraft Specialist
Head of the Academic Affairs Office

Av. Marechal Fontenelle, No. 800 - Rio de Janeiro - RJ – ZIP Code:21740-002 - Phone: (21)2157-2728 / FAX: (21)2157-2136 - Email: protocolo.unifa@fab.mil.br

I, Raphael Michels Fantinato de Moura, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: August 18, 2025.**

MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA
UNIVERSIDADE DA FORÇA AÉREA

DECLARAÇÃO

Declaro, para fins de registro acadêmico, que o Professor Doutor ADRIANO PERCIVAL CALDERARO CALVO participou como membro na Banca Examinadora de Defesa de Dissertação intitulada "SENSIBILIDADE AO CONTRASTE EM PILOTOS DA FORÇA AÉREA BRASILEIRA: ESTUDO EXPLORATÓRIO", da Maj QOMed OFT JANINY MANCINI RODRIGUES SILVA DE PAIVA VALENTE, aluna do Curso de Mestrado Profissional do Programa de Pós-Graduação em Desempenho Humano Operacional (PPGDHO) da Universidade da Força Aérea (UNIFA), Turma 2019, realizada no dia 25 de agosto de 2022, às 14 h, por meio de videoconferência.

Declaro, ainda, que a Banca Examinadora em referência foi assim constituída:

-Professora Doutora LEONICE APARECIDA DOIMO (UNIFA) - Orientadora;

-Professor Doutor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA); e

-Professor Doutor MARCIO PENHA MORTERÁ RODRIGUES (UFRJ).

Rio de Janeiro, 28 de setembro de 2022.

COMANDO DA AERONÁUTICA UNIFA

ANTONIO RODRIGUES DA SILVA Coronel Especialista em Aviões
Chefe da Secretaria Acadêmica

Av. Marechal Fontenelle, nº 800 - Rio de Janeiro - RJ - CEP:21740-002 - Tel: (21)2157-2728 / FAX: (21)2157-2136 - Email: protocolo.unifa@fab.mil.br

MINISTRY OF DEFENSE
AIR FORCE COMMAND
AIR FORCE UNIVERSITY

DECLARATION

I hereby declare, for academic record purposes, that Professor Doctor ADRIANO PERCIVAL CALDERARO CALVO served as member of the examining committee for the dissertation defense titled "ERGONOMIC ASPECTS OF THE C-105 COCKPIT IN THE PRESENCE OF THE ELECTRONIC FLIGHT BAG", by Master's Student VANESSA CHARLEAUX of the Professional Master's Program in Operational Human Performance (PPGDHO), at the Air Force University (UNIFA), class 2020, held on December 14, 2022, at 9:00 a.m., via videoconference.

I also declare that the examining committee was composed by:

- First Lieutenant QOCon FIS PAULA MORISCO DE SÁ PELETEIRO, Professor Doctor (UNIFA) – Advisor;

- Professor Doctor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA); and

- Professor Doctor EVELIN MORENO DOS SANTOS (FEFISO).

Rio de Janeiro, January 4, 2023.

COMANDO DA AERONAUTICA
UNIFA

-----// digital signature //-----

ANTONIO RODRIGUES DA SILVA Colonel Aircraft Specialist R/1
Head of the Academic Affairs Office

I, Raphael Michels Fantinato de Moura, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: August 18, 2025.**

MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA
UNIVERSIDADE DA FORÇA AÉREA

DECLARAÇÃO

Declaro, para fins de registro acadêmico, que o Professor Doutor ADRIANO PERCIVAL CALDERARO CALVO participou como membro na Banca Examinadora de Defesa de Dissertação intitulada "ASPECTOS ERGONÔMICOS NA CABINE DO C-105 NA PRESENÇA DA MALA DE VOO ELETRÔNICA", da mestranda VANESSA CHARLEAUX, do Curso de Mestrado Profissional do Programa de Pós-Graduação em Desempenho Humano Operacional (PPGDHO) da Universidade da Força Aérea (UNIFA), Turma 2020, realizada no dia 14 de dezembro de 2022, às 9 h, por meio de videoconferência.

Declaro, ainda, que a Banca Examinadora em referência foi assim constituída:

-Primeiro-Tenente QOCon FIS PAULA MORISCO DE SÁ PELETEIRO, Professora Doutora (UNIFA) - Orientadora;

-Professor Doutor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA); e

-Professora Doutora EVELIN MORENO DOS SANTOS (FEFISO).

Rio de Janeiro, 4 de janeiro de 2023.

ANTONIO RODRIGUES DA SILVA Coronel Especialista em Aviões R/1
Chefe da Secretaria Acadêmica

Av. Marechal Fontenelle, nº 800 - Rio de Janeiro - RJ - CEP:21740-002 - Tel: (21)2157-2728 / FAX: (21)2157-2136 - Email: protocolo.unifa@fab.mil.br

MINISTRY OF DEFENSE
AIR FORCE COMMAND
AIR FORCE UNIVERSITY

DECLARATION

I hereby declare, for academic record purposes, that the Professors Doctors listed below served as regular members of the examining committee of the defense titled **"Characterization of Physical Performance and Psychological Demands of Military Personnel Undergoing the Air Force Commando Course"**, by Captain Infantry ADRIANO JOAQUIM DOS SANTOS, a student in the Professional Master's Program in Operational Human Performance (PPGDHO), at the Air Force University (UNIFA), class 2021, held on October 21, 2023, at 9:00 a.m., via videoconference:

- Professor Doctor RENATO DE OLIVEIRA MASSAFERRI (UNIFA) – Advisor;
- Professor Doctor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA);
- Professor Doctor DANIELLI BRAGA DE MELLO (EsEFEx); and
- Professor Doctor GRACE BARROS DE SÁ (UERJ).

Rio de Janeiro, November 16, 2023.

-----// signature //-----

JÉSSICA DA SILVA RODRIGUES DA COSTA First Lieutenant, Educational Support Corps (Pedagogue)
Head of the Academic Affairs Office at UNIFA

COMANDO DA AERONÁUTICA
UNIFA

I, Raphael Michels Fantinato de Moura, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: August 18, 2025.**

MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA
UNIVERSIDADE DA FORÇA AÉREA

DECLARAÇÃO

Declaro, para fins de registro acadêmico, que os Professores Doutores relacionados abaixo participaram como membros titulares na Banca Examinadora de Defesa intitulada **"Caracterização da performance física e demanda psicológica de militares submetidos ao curso de comandos de Força Aérea"**, do Capitão Infantaria ADRIANO JOAQUIM DOS SANTOS, aluno do Curso de Mestrado Profissional do Programa de Pós-Graduação em Desempenho Humano Operacional (PPGDHO), da Universidade da Força Aérea (UNIFA), turma 2021, realizada no dia 21 de outubro de 2023, às 9h, por meio de videoconferência:

- Professor Doutor RENATO DE OLIVEIRA MASSAFERRI (UNIFA) - Orientador;

- Professor Doutor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA) - Coorientador;

- Professora Doutora DANIELLI BRAGA DE MELLO (EsEFEx); e

- Professora Doutora GRACE BARROS DE SÁ (UERJ).

Rio de Janeiro, 16 de novembro de 2023.

JÉSSICA DA SILVA RODRIGUES DA COSTA Primeiro-Tenente do Quadro de Oficiais de Apoio Pedagoga
Chefe da Secretaria Acadêmica da UNIFA

Av. Marechal Fontenelle, nº 800 - Rio de Janeiro - RJ - CEP:21740-002 - Tel: (21)2157-2728 / FAX: (21)2157-2136 - Email: protocolo.unifa@fab.mil.br

MINISTRY OF DEFENSE
AIR FORCE COMMAND
AIR FORCE UNIVERSITY

DECLARATION

I hereby declare, for academic record purposes, that the Professors Doctors listed below served as regular members of the examining committee of the defense titled **"Analysis of Cardiovascular Autonomic Responses of Military Pilots During a Sequence of Aerobatic Maneuvers"**, by Captain Pilot EDSON KOURY DO NASCIMENTO, a student in the Professional Master's Program in Operational Human Performance (PPGDHO), at the Air Force University (UNIFA), class 2020, held on October 23, 2023, at 8:30 a.m., via videoconference. The examining committee was composed by:

- Professor Doctor GILBERTO PIVETTA PIRES (UNIFA) – Advisor;

- Professor Doctor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA) – Co-Advisor;

- Professor Doctor FÁBIO ANGIOLUCI DINIZ CAMPOS (AFA); and

- Professor Doctor AYLTON JOSÉ FIGUEIRA JUNIOR (USJT).

Rio de Janeiro, November 16, 2023.

-----// signature //-----

JÉSSICA DA SILVA RODRIGUES DA COSTA First Lieutenant, Educational Support Corps (Pedagogue)
Head of the Academic Affairs Office at UNIFA

COMANDO DA AERONÁUTICA
UNIFA

I, Raphael Michels Fantinato de Moura, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura **Date: August 18, 2025.**

MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA
UNIVERSIDADE DA FORÇA AÉREA

DECLARAÇÃO

Declaro, para fins de registro acadêmico, que os Profcssorcs Doutores relacionados abaixo participaram como membros titulares na Banca Examinadora de Defesa intitulada **"Análi se de respostas autonômicas cardiovasculares de pilotos militares durante sequência de manobras acrobáticas"**, do Capitão Aviador EDSON KOURY DO NASCIMENTO, aluno do Curso de Mestrado Profissional do Programa de Pós-Graduação em Desempenho Humano Operacional (PPGDHO), da Universidade da Força Aérea (UNIFA), turma 2020, realizada no dia 20 de outubro de 2023, às 8h30min, por meio de videoconferência. A Banca Examinadora foi constituída por:

- Professor Doutor GILBERTO PIVETTA PIRES (UNIFA) - Orientador;

- Professor Doutor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA) - Coorientador;

- Professor Doutor FÁBIO ANGIOLUCI DINIZ CAMPOS (AFA); e

- Professor DoutorAYLTON JOSÉ FIGUEIRA JUNIOR (USJT).

Rio de Janeiro, 16 de novembro de 2023.

JÉSSICA DA SILVA RODRIGUES DA COSTA Primeiro-Tenente do Quadro de Oficiais de Apoio Pedagoga
Chefe da Secretaria Acadêmica da UNIFA

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MINISTRY OF DEFENSE
AIR FORCE COMMAND
AIR FORCE UNIVERSITY

DECLARATION

I hereby declare, for academic record purposes, that the Professors Doctors listed below served as regular members of the examining committee of the defense titled **"Correlation Between Anaerobic Physical Performance and Specific Combat Tasks in APHT Operators of the Brazilian Air Force"**, by Captain Pilot LÚCIO MAURO CAMPOS SILVA JUNIOR, a student in the Professional Master's Program in Operational Human Performance (PPGDHO), at the Air Force University (UNIFA), class 2022, held on December 19, 2023, at 2:00 p.m., via videoconference. The examining committee was composed by:

- Professor Doctor RENATO DE OLIVEIRA MASSAFERRI (UNIFA) – Advisor;
- Professor Doctor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA);
- Professor Doctor DANIELLI BRAGA DE MELLO (EsEFEx); and
- Professor Doctor WILLIAN CARRERO BOTTA (UNICAMP).

COMANDO DA AERONAUTICA
UNIFA

Rio de Janeiro, March 18, 2024.

-----// digital signature //-----

JÉSSICA DA SILVA RODRIGUES DA COSTA First Lieutenant, Educational Support Corps (Pedagogue)
Head of the Academic Affairs Office at UNIFA

I, Raphael Michels Fantinato de Moura, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: August 18, 2025.**

MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA
UNIVERSIDADE DA FORÇA AÉREA

DECLARAÇÃO

Declaro, para fins de registro acadêmico, que os Professores Doutores relacionados abaixo participaram como membros titulares na Banca Examinadora de Defesa intitulada **"Correlação entre o desempenho físico anaeróbico e tarefas específicas de combate em operadores de APHT na FAB"**, do Capitão Aviador LÚCIO MAURO CAMPOS SILVA JUNIOR, aluno do Curso de Mestrado Profissional do Programa de Pós-Graduação em Desempenho Humano Operacional (PPGDHO), da Universidade da Força Aérea (UNIFA), turma 2022, realizada no dia 19 de dezembro de 2023, às 14h, por meio de videoconferência. A Banca Examinadora foi constituída por:

- Professor Doutor RENATO DE OLIVEIRA MASSAFERRI (UNIFA) - Orientador;

- Professor Doutor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA);

- Professora Doutora DANIELLI BRAGA DE MELLO (EsEFEx); e

- Professor Doutor WILLIAN CARRERO BOTTA (UNICAMP).

Rio de Janeiro, 18 de março de 2024.

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JESSICA DA SILVA RODRIGUES DA COSTA
Data: 18/03/2024 10:33:24-0300
Verifique em https://validar.iti.gov.br

JÉSSICA DA SILVA RODRIGUES DA COSTA Primeiro-Tenente do Quadro de Oficiais de Apoio Pedagoga
Chefe da Secretaria Acadêmica da UNIFA

MINISTRY OF DEFENSE
AIR FORCE COMMAND
AIR FORCE UNIVERSITY

DECLARATION

I hereby declare, for academic record purposes, that the Professors Doctors listed below served as regular members of the examining committee of the defense titled **"Hypoxia Training in a Hypobaric Chamber: A Systematic Review of Observed Changes in Aviators' Symptoms"**, by First Lieutenant Doctor DANIELLE FILLIPO DE LEMOS, a student in the Professional Master's Program in Operational Human Performance (PPGDHO), at the Air Force University (UNIFA), class 2021, held on August 7, 2024, at 1:00 p.m., via videoconference. The examining committee was composed by:

- Professor Doctor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA) – Advisor;
- Professor Doctor ALEXANDER BBARREIROS CARDOSO BONFIM (UNIFA); and
- Professor Doctor THIAGO TEIXEIRA GUIMARÃES (IMAE).

COMANDO DA AERONAUTICA
UNIFA

Rio de Janeiro, August 12, 2024.

CARLOS ALBERTO LEITE DA SILVA Intendent
Colonel R/1
Vice President for Graduate Studies and Research

Digitally signed by CARLOS ALBERTO LEITE DA SILVA
THIS DOCUMENT MUST BE AUTHENTICATED ON THE PORTAL: http://adoc.fab.mil.br/adoc, entering the code: EY6U32CZ.TPGCTTE6.URTNAFZT.OF23QWP4

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I, Raphael Michels Fantinato de Moura, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: August 18, 2025.**

MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA
UNIVERSIDADE DA FORÇA AÉREA

DECLARAÇÃO

Declaro, para fins de registro acadêmico, que os Professores Doutores relacionados abaixo participaram como membros titulares na Banca Examinadora de Defesa intitulada **"Treinamento de hipóxia em câmara hipobárica: Revisão sistemática sobre alterações observadas nos sintomas dos aeronavegantes."**, da Primeiro-Tenente Médica DANIELLE FILLIPO DE LEMOS, aluna do Curso de Mestrado Profissional do Programa de Pós-Graduação em Desempenho Humano Operacional (PPGDHO), da Universidade da Força Aérea (UNIFA), turma 2021, realizada no dia 07 de agosto de 2024, às 13 h, por meio de videoconferência. A Banca Examinadora foi constituída por:

- Professor Doutor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA) - Orientador;

- Professor Doutor ALEXANDER BARREIROS CARDOSO BOMFIM (UNIFA); e

- Professor Doutor THIAGO TEIXEIRA GUIMARÃES (IMAE).

Rio de Janeiro, 12 de agosto de 2024.

CARLOS ALBERTO LEITE DA SILVA Coronel Intendente R/1
Pró-Reitor de Pós-Graduação e Pesquisa

Assinado digitalmente por CARLOS ALBERTO LEITE DA SILVA
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MINUTES OF THE DEFENSE EXAMINATION OF THE MASTER'S DEGREE FINAL THESIS FOR THE GRADUATE PROGRAM IN OPERATIONAL HUMAN PERFORMANCE, PROFESSIONAL MASTER'S MODALITY

On the first day of November, two thousand and twenty-four, at 2:30 p.m., a formal session was held via videoconference <https://us06web.zoom.us/j/- 81780614921?pwd=aXsYiLZJQ9HF2FB0PM7AfgrT1xabzj.1> to conduct the academic procedures related to the Defense Examination of the Final Thesis entitled Cross-sectional Study on Musculoskeletal Symptoms in Senior Air Force Academy Cadets: Characteristics and Associations, authored by student Allan Pedro Nichele, under the academic advising of Prof. Dr. Adriano Percival Calderaro Calvo (Advisor) and Prof. Dr. Renato Massafferri (Co-advisor). The Examining Committee was composed of the following specialists: Prof. Dr. William Carrero Botta (UNIFA) and Prof. Dr. Runer Augusto Marson (EsPCEx), with the Chair of the Defense Examination session under the responsibility of Prof. Dr. Adriano Percival Calderaro Calvo. After the formalities required by regulations had been completed, the candidate was invited to present the content of his Final Thesis. Upon conclusion of his presentation, the members of the Examining Committee questioned the candidate and evaluated the work in both its oral defense and written form. Subsequently, the members of the Examining Committee reconvened to deliberate on the academic and methodological quality of the work and decided for its APPROVAL. Attached to these minutes is the Defense Examination Evaluation Form of the Final Thesis. There being no further business and all requirements having been duly met, I, Prof. Dr. Adriano Percival Calderaro Calvo, in my capacity as Chair of the Defense Examination session, drafted these minutes, which, after being read and approved, are signed by me as well as by the members of the Examining Committee.

Rio de Janeiro/RJ, November 1, 2024.

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Prof. Dr. Adriano Percival Calderaro Calvo (CPF: 266.452.848-37) – UNIFA

-----// digital signature //-----
Prof. Dr. Willian Carrero Botta (CPF: 334.777.408-66) – UNIFA

-----// digital signature //-----
Prof. Dr. Runer Augusto Marson (CPF: 260.430.018-77) – EsPCEx

I, Raphael Michels Fantinato de Moura, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: August 18, 2025.**

ATA DO EXAME DE DEFESA DO TRABALHO DE CONCLUSÃO DE CURSO DO PROGRAMA DE PÓS-GRADUAÇÃO EM DESEMPENHO HUMANO OPERACIONAL, EM NÍVEL DE MESTRADO, NA MODALIDADE PROFISSIONAL

Ao primeiro dia do mês de novembro do ano de dois mil e vinte e quatro, às quatorze horas e trinta minutos, em solenidade realizada por meio de videoconferência <https://us06web.zoom.us/j/-81780614921?pwd=aXsYiLZJQ9HF2FBoPM7AfgrT1xabzj.1> foram realizados os procedimentos acadêmicos relativos ao Exame de Defesa de Trabalho de Conclusão de Curso intitulado Estudo transversal sobre os sintomas musculoesqueléticos em Cadetes do último ano de formação da Academia da Força Aérea: características e associações, de autoria do aluno Allan Pedro Nichele, sob a orientação acadêmica do Prof. Dr. Adriano Percival Calderaro Calvo (Orientador Responsável) e do Prof. Dr. Renato Massaferri (Coorientador). A Comissão Examinadora foi composta pelos seguintes especialistas: Prof. Dr. Willian Carrero Botta (UNIFA) e pelo Prof. Dr. Runer Augusto Marson (EsPCEx), enquanto que a presidência da sessão do Exame de Defesa ficou sob a responsabilidade do Prof. Dr. Adriano Percival Calderaro Calvo. Após cumpridas as formalidades iniciais, o aluno foi convidado a discorrer sobre o conteúdo do seu trabalho de conclusão de curso. Concluída a explanação, os integrantes da Comissão Examinador a avaliaram o trabalho escrito e a apresentação, assim como arguiram o aluno. Em seguida, os integrantes da Comissão Examinadora reuniram-se para deliberar sobre a qualidade teórico-metodológica do texto acadêmico e da apresentação do aluno, tendo concedido a menção APROVADO. Em anexo à presente Ata segue a Ficha de Avaliação do Exame de Defesa de Trabalho de Conclusão de Curso. Não havendo mais nada a tratar e na forma regulamentar, eu, Prof. Dr. Adriano Percival Calderaro Calvo, na condição de Presidente da sessão do Exame de Defesa, lavrei a presente Ata que vai por mim assinada, assim como pelos integrantes da Comissão Examinadora.

Rio de Janeiro/RJ, 1º de Novembro de 2024.

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ADRIANO PERCIVAL CALDERARO CALVO
Data: 12/12/2024 14:20:48-0300
Verifique em https://validar.iti.gov.br

Prof. Dr. Adriano Percival Calderaro Calvo (CPF: 266.452.848-37) – UNIFA

gov.br Documento assinado digitalmente
WILLIAN CARRERO BOTTA
Data: 05/12/2024 12:14:26-0300
Verifique em https://validar.iti.gov.br

Prof. Dr. Willian Carrero Botta (CPF:334.777.408-66) – UNIFA

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RUNER AUGUSTO MARSON
Data: 05/12/2024 06:10:17-0300
Verifique em https://validar.iti.gov.br

Prof. Dr. Runer Augusto Marson (CPF: 260.430.018-77) – EsPCEx

ADMIRAL ADALBERTO NUNES PHYSICAL EDUCATION CENTER

AIR FORCE UNIVERSITY

LATO SENSU GRADUATE PROGRAM IN COMBATANT PHYSICAL PERFORMANCE

Minutes of the Defense Examination of the Final Thesis for the Lato Sensu Graduate Program in Combatant Physical Performance: **Physical Conditioning Components Associated with Load-Bearing March Performance: A Systematic Review**, by **Arthur Henrique Baldo**, held on July 28, 2023. On the twenty-eighth day of August, two thousand and twenty-three, at 9:00 a.m., the Examining Committee convened in the CEFAN Auditorium, composed of the following regular members: **Prof. Dr. Priscila dos Santos Bunn (CEFAN)** – Advisor; and **Prof. Dr. Adriano Percival Calderaro Calvo (UNIFA)**, to evaluate the presentation of the aforementioned work. Having met the regulatory requirements, the Examining Committee rendered the following decision:

APPROVED .

There being no further business, I, **Prof. Dr. Priscila dos Santos Bunn**, on behalf of the Coordination of the Lato Sensu Graduate Program in Combatant Physical Performance of the Admiral Adalberto Nunes Physical Education Center and the Air Force University, drafted these minutes, which, after being read and approved, are signed by me and by the members of the Examining Committee.

Rio de Janeiro, RJ, July 28, 2023.

-----// signature //-----

Prof. Dr. Priscila dos Santos Bunn (CEFAN)
Chair of the Examining Committee

Prof. Dr. Adriano Percival Calderaro Calvo (UNIFA)
Examining Committee

ADMIRAL ADALBERTO NUNES PHYSICAL EDUCATION CENTER
AIR FORCE UNIVERSITY
LATO SENSU GRADUATE PROGRAM IN COMBATANT PHYSICAL PERFORMANCE

Physical Conditioning Components Associated with Load-Bearing March Performance: A Systematic Review

Final Thesis presented to the Admiral Adalberto Nunes Physical Education Center and to the Air Force University on July 28, 2023, and approved by the examining committee as requirement for the completion of the Lato Sensu Graduate Program in Combatant Physical Performance.

Rio de Janeiro, RJ, July 28, 2023.

EXAMINING COMMITTEE

-----// signature //-----
Prof. Dr. Priscila dos Santos Bunn (CEFAN)
Chair of the Examining Committee

Prof. Dr. Adriano Percival Calderaro Calvo (UNIFA)
Examining Committee

I, Raphael Michels Fantinato de Moura, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: August 18, 2025.**

CENTRO DE EDUCAÇÃO FÍSICA ALMIRANTE ADALBERTO NUNES
UNIVERSIDADE DA FORÇA AÉREA
PÓS-GRADUAÇÃO LATO SENSU EM DESEMPENHO FÍSICO DO COMBATENTE

Ata de Exame de Defesa de Trabalho de Conclusão de Curso de Pós Graduação lato sensu em Desempenho Físico do Combatente: **Componentes do condicionamento físico associados ao desempenho na marcha com carregamento de carga: uma revisão sistemática,** de **Arthur Henrique Baldo,** realizada no dia 28 de julho de 2023. Aos vinte e oito dias do mês de agosto de dois mil e vinte e três reuniu-se, no Auditório do CEFAN, às 9 h, a Banca Examinadora, constituída pelos Membros Titulares: **Profª Drª Priscila dos Santos Bunn (CEFAN)** – Orientadora**; e Prof. Dr. Adriano Percival Calderaro Calvo (UNIFA)**, para julgar a apresentação do supracitado trabalho. Atendidas as exigências regulamentares, a Comissão Examinadora decidiu:

APROVADO.

Nada mais havendo a tratar, eu, **Profª Drª Priscila dos Santos Bunn**, pela Coordenação do Programa de Pós-Graduação lato sensu em Desempenho Físico do Combatente do Centro de Educação Física Almirante Adalberto Nunes e Universidade da Força Aérea, lavrei a presente ata, que vai por mim datada e assinada, assim como pelos integrantes da Comissão Examinadora.

Rio de Janeiro, RJ, 28 de julho de 2023.



Profª Drª Priscila dos Santos Bunn (CEFAN)
Presidente da Banca Examinadora

Prof. Dr. Adriano Percival Calderaro Calvo (UNIFA)
Banca Examinadora

CENTRO DE EDUCAÇÃO FÍSICA ALMIRANTE ADALBERTO NUNES
UNIVERSIDADE DA FORÇA AÉREA
PÓS-GRADUAÇÃO LATO SENSU EM DESEMPENHO FÍSICO DO COMBATENTE

Componentes do condicionamento físico associados ao desempenho na marcha com carregamento de carga: uma revisão sistemática

Trabalho de Conclusão de Curso apresentado ao Centro de Educação Física Almirante Adalberto Nunes e à Universidade da Força Aérea no dia no dia 28 de julho de 2023 e aprovado pela banca examinadora, como requisito para a conclusão do curso de Pós-Graduação Lato Sensu em Desempenho Físico do Combatente.

Rio de Janeiro, RJ, 28 de julho de 2023.

BANCA EXAMINADORA



Profª Drª Priscila dos Santos Bunn (CEFAN)

Presidente da Banca Examinadora

Prof. Dr. Adriano Percival Calderaro Calvo (UNIFA)

Banca Examinadora

MINISTRY OF DEFENSE
AIR FORCE COMMAND
AIR FORCE UNIVERSITY

DECLARATION

I hereby declare, for academic record purposes, that the Professors Doctors listed below served as regular members of the examining committee of the defense titled **"The Influence of Sleep, Mood, Happiness, and Physical Conditioning on Flight Performance in Brazilian Air Force Cadet Pilots"**, by Mr. Daniel do Prado Ferreira Pinto, a student in the Professional Master's Program in Operational Human Performance (PPGDHO), at the Air Force University (UNIFA), class 2023, held on March 12, 2025, at 9:00 a.m., via videoconference. The examining committee was composed by:

- Professor Doctor PAULA MORISCO DE SÁ (UNIFA) – Advisor;

- Professor Doctor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA); and

- Professor Doctor DANIELE MARIANO SEDA (CEFAN)

COMANDO DA AERONAUTICA
UNIFA

Rio de Janeiro, April 14, 2025.

-----// signature //-----

EDUARDO SOL OLIVEIRA DA SILVA Cilvil Servant NTE
Vice President for Graduate Studies and Research

I, Raphael Michels Fantinato de Moura, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: August 18, 2025.**

MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA
UNIVERSIDADE DA FORÇA AÉREA

DECLARAÇÃO

Declaro, para fins de registro acadêmico, que os Professores Doutores relacionados abaixo participaram como membros titulares na Banca Examinadora de Defesa intitulada **"A influência do sono, humor, felicidade e condicionamento físico sobre o desempenho de voo em cadetes aviadores da FAB"**, do Senhor Daniel do Prado Ferreira Pinto, aluno do Curso de Mestrado Profissional do Programa de Pós-Graduação em Desempenho Humano Operacional (PPGDHO), da Universidade da Força Aérea (UNIFA), turma 2023, realizada no dia 12 de março de 2025, às 9 h, por meio de videoconferência. A Banca Examinadora foi constituída por:

- Professora Doutora PAULA MORISCO DE SÁ (UNIFA) - Orientadora;

- Professor Doutor ADRIANO PERCIVAL CALDERARO CALVO (UNIFA); e

- Professora Doutora DANIELE MARIANO SEDA (CEFAN)

COMANDO DA AERONAUTICA
UNIFA

Rio de Janeiro, 14 de abril de 2025.

EDUARDO SOL OLIVEIRA DA SILVA Servidor Civil NTE
Pró-Reitor de Pós-Graduação e Pesquisa

MINISTRY OF EDUCATION
FEDERAL UNIVERSITY OF MATO GROSSO
SCHOOL OF PHYSICAL EDUCATION

Av. Fernando Correa da Costa, 2367 - Cidade Universitária - 78060-900 – Cuiabá - MT
Phone.: (65) 3615-8837 Fax: (65) 3615-8838

DECISION 016/FEF/2015

The Head of the School of Physical Education, in the exercise of his legal authority,

DECIDES:

Art. 1: To appoint **Prof. Dr. ARTUR LUIS BESSA DE OLIVEIRA, Prof. Dr. ADRIANO PERCIVAL CALDERARO CALVO, Prof. M.A. MARCUS VINICIUS MIZOGUCHI, and Prof. Dr. BELENI SALETE GRANDO** to serve on the Extension Project Evaluation Committee, beginning December 8, 2015, for a term of 2 (two) years.
Art. 2: This decision shall take effect on the date of issuance.
Art. 3: Decision No. 007/FEF/2013 and Decision No. 001/FEF/2014 are hereby revoked.

TO BE IMPLEMENTED,

Cuiabá, December 8, 2015

Prof. Dr. Evando Carlos Moreira
Head of the School of
Physical Education – UFMT

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I, Raphael Michels Fantinato de Moura, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: August 17, 2025.**

MINISTÉRIO DA EDUCAÇÃO
UNIVERSIDADE FEDERAL DE MATO GROSSO
FACULDADE DE EDUCAÇÃO FÍSICA
Av. Fernando Correa da Costa, 2367 – Cidade Universitária - 78060-900 – Cuiabá - MT
Tel.: (65) 3615-8837 Fax: (65) 3615-8838

DECISÃO 016/FEF/2015

O Diretor da Faculdade de Educação Física, no uso de suas atribuições legais,

DECIDE:

Art. 1: Indicar o **Prof. Dr. ARTUR LUIS BESSA DE OLIVEIRA, Prof. Dr. ADRIANO PERCIVAL CALDERARO CALVO, Prof. Ms. MARCUS VINICIUS MIZOGUCHI e a Profª Drª BELENI SALETE GRANDO,** para comporem a Comissão de Avaliação de Projetos de Extensão, a partir do dia 8 de dezembro de 2015, pelo período de 2 (dois) anos.

Art. 2: Esta Decisão entra em vigor nesta data.

Art. 3: Estão revogadas a Decisão 007/FEF/2013 e 001/FEF/2014.

CUMPRA-SE,

Cuiabá, 8 de dezembro de 2015

Prof. Dr. Evando Carlos Moreira
Diretor da Faculdade de
Educação Física - UFMT

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MINISTRY OF EDUCATION
FEDERAL UNIVERSITY OF MATO GROSSO
SCHOOL OF PHYSICAL EDUCATION

Avenida Fernando Correa da Costa, no number - Cidade Universitária - 78060-900 – Cuiabá - MT
Phone: (65) 3615-8837 Fax (65) 3615-8838

DECISION 012/FEF/2013

The Director of the School of Physical Education, in the exercise of his legal duties, hereby

DECIDES:

Article 1: To appoint **Prof. LAYLA MARIA CAMPOS ABURACHID, M.Sc., and Prof. ADRIANO PERCIVAL CALDERARO CALVO, Ph.D.**, to serve on the Examining Committee for the Adjunct Professor Selection Process in the areas of Artistic Gymnastics, General Gymnastics, Supervised Internship in Physical Education, Futsal, Swimming, and Higher Education in Physical Education.

Article 2: This Decision takes effect on the date of its issuance.

ENFORCE IT,

Cuiabá, May 3, 2013

----//signature//----

Prof. Dr. Evando Carlos Moreira
Director of the School
of Physical Education - UFMT

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I, Carolina Favero da Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.



_____ Date: June 06, 2025.

MINISTÉRIO DA EDUCAÇÃO
UNIVERSIDADE FEDERAL DE MATO GROSSO
FACULDADE DE EDUCAÇÃO FÍSICA

Av. Fernando Correa da Costa, s/n – Cidade Universitária - 78060-900 – Cuiabá - MT
Tel.: (65) 3615-8837 Fax: (65) 3615-8838

DECISÃO 012/FEF/2013

O Diretor da Faculdade de Educação Física, no uso de suas atribuições legais,

DECIDE:

Art. 1: Indicar a **Profª Ms. LAYLA MARIA CAMPOS ABURACHID e o Prof. Dr. ADRIANO PERCIVAL CALDERARO CALVO** para comporem a Comissão Examinadora para Concurso de Professor Substituto, para as áreas de Ginástica Artística, Ginástica Geral e Estágio Supervisionado em Educação Física e Futsal, Natação e Educação Física do Ensino Superior.

Art. 2: Esta Decisão entra em vigor nesta data.

CUMPRA-SE,

Cuiabá, 3 de maio de 2013

Prof. Dr. Evando Carlos Moreira
Diretor da Faculdade de
Educação Física - UFMT

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FEDERAL
UNIVERSITY OF JUIZ DE FORA
SCHOOL OF PHYSICAL EDUCATION AND SPORTS

DECLARATION

I hereby declare, for all due purposes, that **Prof. Adriano Percival Calderaro Calvo, M.Sc.**, was a member of the Examining Committee responsible for the Selection Process of Exams and Credentials for the position of Assistant Professor in the Department of Physical Education / Governador Valadares / UFJF – No. 180 / Exam Bulletin No. 20/2014 – PRORH (Office of the Vice President for Human Resources) /UFJF (Federal University of Juiz de Fora), held from May 19 to 22, 2014.

Juiz de Fora, May 22, 2014.

----//signature//----

Prof. Dr. Maurício Gattás Bara Filho
Director of the School of Physical Education and Sports
Federal University of Juiz de Fora

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I, Carolina Favero da Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.



_____ Date: June 06, 2025.

UNIVERSIDADE
FEDERAL DE JUIZ DE FORA
FACULDADE DE EDUCAÇÃO FÍSICA E DESPORTOS

DECLARAÇÃO

Declaro, para os fins que se fizerem necessários, que o **Prof. Ms. ADRIANO PERCIVAL CALDERARO CALVO ,** integrou a Comissão Examinadora responsável pelo Concurso de Provas e Títulos para provimento do Cargo de Professor Assistente do Departamento de Educação Física / Governador Valadares / UFJF – nº.180 / Edital nº. 20/2014 – PRORH/UFJF, realizado de 19 a 22 de maio de 2014.

Juiz de Fora, 22 de maio de 2014.

Prof. Dr. Maurício Gattás Bara Filho
Diretor da Faculdade de Educação Física e Desportos
Universidade Federal de Juiz de Fora

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MINISTRY OF EDUCATION
FEDERAL UNIVERSITY OF MATO GROSSO
VICE-PRESIDENT'S OFFICE OF GRADUATE STUDIES
GRADUATE PROGRAM IN PHYSICAL EDUCATION
Avenida Fernando Corrêa da Costa, 2367 - Boa Esperança - ZIP Code: 78060900 - Cuiabá/MT
Phone: +55 65 3615-8837 - Email: mestradoef@ufmt.br

PUBLIC DEFENSE MINUTES
Master's Student Jonatha Flávio Souza Lemos

On the 20th day of September in the year 2018, at 2:30 p.m., in Room 1 of FEF, under the presidency of Professor Dr. Waléria Christiane Rezende Fett, advisor, the Examining Committee convened in a public session for the defense of the Master's Thesis by student Jonatha Flávio Souza Lemos of the GRADUATE PROGRAM IN PHYSICAL EDUCATION, aiming at the attainment of the title of Master in Physical Education. The Master's student completed the required credits for obtaining the Master's degree in the Area of Physical Activity, Performance, and Corporeality, and was approved in the Qualification Exam on the date recorded in the official records of the GRADUATE PROGRAM IN PHYSICAL EDUCATION. This was the 51st public Master's Thesis Defense session of the Program. The session was opened at 2:30 p.m. by the Chair of the Examining Committee, composed of Professors Dr. Waléria Christiane Rezende Fett (Chair / Advisor / CPF 81632681900), Dr. Adriano Percival Calderaro Calvo (Internal Examiner / CPF 26645284837), Dr. Sebastião Gobbi (External Examiner / São Paulo State University – UNESP, Rio Claro Campus / CPF 29702216834), and Dr. Carlos Alexandre Fett (Alternate Examiner / CPF 32911912187). The graduate student proceeded with the presentation of the work, entitled: "SENIOR FUNCTIONAL: A GENERAL PHYSICAL TRAINING PROPOSAL FOR PHYSICAL CONDITIONING OF THE ELDERLY". Following the presentation, the candidate was questioned by the members of the committee. The questioning concluded at 5:30 p.m., and after deliberation, the Committee ***approved*** the candidate. The final result was proclaimed by the Chair of the Examining Committee, and the session was concluded. The Master's degree will be conferred upon the condition that the final corrected version is submitted to the Program's Secretariat in the form and within the deadline established by the Program's Internal Regulations (60 days), together with the Advisor's Approval Term. Having fulfilled the formalities, at 5:45 p.m., the Chair of the session declared the defense session closed. For the record, I, José Gonçalo, Secretary of the GRADUATE PROGRAM IN PHYSICAL EDUCATION, drafted these minutes, which, after being read and approved, will be signed by all members of the Examining Committee in five copies of equal content.

Composition of the Examining Committee:

1. _____----//signature//---- Dr. Waléria Christiane Rezende Fett (Committee Chair / Advisor)
2. _____----//signature//---- Dr. Adriano Percival Calderaro Calvo (Internal Examiner)
3. _____----//signature//---- Dr. Sebastião Gobbi (External Examiner)
4. _____ Dr. Carlos Alexandre Fett (Alternate Examiner)

Committee Recommendations:

Acknowledged by the Student: ----//signature//----

CUIABÁ, 09/20/2018

*This document is valid for 24 months from the date of its issuance.

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MINISTRY OF EDUCATION
FEDERAL UNIVERSITY OF MATO GROSSO
VICE-PRESIDENT'S OFFICE OF GRADUATE STUDIES
GRADUATE PROGRAM IN PHYSICAL EDUCATION
Avenida Fernando Corrêa da Costa, 2367 - Boa Esperança - ZIP Code: 78060900 - Cuiabá/MT
Phone: +55 65 3615-8837 - Email: mestradoef@ufmt.br

DECLARATION
Master's Thesis Examining Committee

I hereby declare that Professor Dr. Adriano Percival Calderaro Calvo participated in the Master`s Thesis Examining Committee of the graduate student Jonatha Flávio Souza Lemos, serving as Internal Examiner. The title of the presented work was" "SENIOR FUNCTIONAL: A GENERAL PHYSICAL TRAINING PROPOSAL FOR THE PHYSICAL CONDITIONING OF THE ELDERLY"." The defense took place on 09/20/2018, in Room 1 of FEF at the Federal University of Mato Grosso.

Composition of the Committee:

Internal Examiner Dr. Adriano Percival Calderaro Calvo
Institution: FEDERAL UNIVERSITY OF MATO GROSSO
Alternate Examiner Dr. Carlos Alexandre Fett
Institution: FEDERAL UNIVERSITY OF MATO GROSSO
Committee Chair / Advisor Dr. Waléria Christiane Rezende Fett
Institution: FEDERAL UNIVERSITY OF MATO GROSSO
External Examiner Dr. Sebastião Gobbi
Institution: São Paulo State University (UNESP) – Rio Claro Campus

Graduate Program in Physical Education–PPGEF
School of Physical Education/UFMT
Avenida Fernando Corrêa da Costa, 2367
Boa Esperança, Cuiabá, MT–ZIP Code 78070-355

----//signature//----
Prof. Dr. Carlos Alexandre Fett
Coordinator of the
Graduate Program
Master's in Physical Education
PPGEF / UFMT

Dr. Carlos Alexandre Fett
Coordinator of the GRADUATE PROGRAM IN PHYSICAL EDUCATION

CUIABÁ, 09/20/2018.

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I, Carolina Favero da Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.



Date: June 06, 2025.

MINISTÉRIO DA EDUCAÇÃO
UNIVERSIDADE FEDERAL DE MATO GROSSO
PRÓ-REITORIA DE ENSINO DE PÓS-GRADUAÇÃO
PROGRAMA DE PÓS-GRADUAÇÃO EM EDUCAÇÃO FÍSICA
Avenida Fernando Corrêa da Costa, 2367 - Boa Esperança - Cep: 78060900 -Cuiabá/MT
Tel : 65 3615-8837 - Email : mestradoef@ufmt.br

ATA DE DEFESA PÚBLICA
Mestrando(a) Jonatha Flávio Souza Lemos

Aos 20 dias do mês de Setembro do ano de 2018, à 14:30 horas, no(a) Sala 1 FEF, sob a presidência do(a) professor(a) Doutor(a) Waléria Christiane Rezende Fett, orientador(a), reuniu-se em sessão pública a Banca Examinadora de defesa da Dissertação de Mestrado, o(a) discente Jonatha Flávio Souza Lemos do PROGRAMA DE PÓS-GRADUAÇÃO EM EDUCAÇÃO FÍSICA, visando a obtenção de título de Mestre em Educação Física. O Mestrando concluiu os créditos exigidos para obtenção do título de Mestre, na Área de Concentração Atividade Física, Desempenho e Corporeidade, e foi aprovado no Exame de Qualificação no dia , de acordo com os registros constantes na Secretaria do PROGRAMA DE PÓS-GRADUAÇÃO EM EDUCAÇÃO FÍSICA. Esta foi a 51º sessão pública de Defesa de Dissertação do Programa. Os trabalhos foram instalados às 14:30 horas pelo presidente da Banca Examinadora, constituída pelos professores Doutores Waléria Christiane Rezende Fett (Presidente Banca / Orientador/81632681900), Adriano Percival Calderaro Calvo (Examinador Interno/26645284837), Sebastião Gobbi (Examinador Externo/Universidade Estadual Paulista (UNESP) – Campus de Rio Claro/29702216834), Carlos Alexandre Fett (Examinador Suplente/32911912187). O(A) pós-graduando(a) procedeu à apresentação de seu trabalho, cujo título é "FUNCIONAL SENIOR: UMA PROPOSTA DE TREINAMENTO FÍSICO GERAL PARA O CONDICIONAMENTO FÍSICO DE IDOSOS". E em seguida foi arguido(a) pelos integrantes da banca. Os trabalhos de arguição foram encerrados às 17:30 horas, e após reunião a Banca deliberou por sua aprovação Proclamando o resultado final pelo(a) Presidente da Banca Examinadora foram concluídos os trabalhos. O título de Mestre será conferido sob condição de apresentação, na Secretaria do Programa, da versão final corrigida na(s) forma(s) e no prazo estabelecido(s) no Regimento Interno do Programa (60 dias) juntamente com o Termo de Aprovação do Orientador. Cumpridas as formalidades, às 17:45 horas, o(a) presidente da mesa encerrou a sessão de defesa, e para constar eu, José Gonçalo Secretário(a) do PROGRAMA DE PÓS-GRADUAÇÃO EM EDUCAÇÃO FÍSICA lavrei a presente ata que, após lida e aprovada, será assinada pelos integrantes da banca examinadora em 5 vias de igual teor.

Composição da Banca Examinadora:

1. _____ Doutor(a) Waléria Christiane Rezende Fett (Presidente Banca / Orientador)
2. _____ Doutor(a) Adriano Percival Calderaro Calvo (Examinador Interno)
3. _____ Doutor(a) Sebastião Gobbi (Examinador Externo)
4. _____ Doutor(a) Carlos Alexandre Fett (Examinador Suplente)

Recomendações da Banca :

Ciência do(a) Discente : Jonatha Flávio Souza Lemos

CUIABÁ,20/09/2018.

* Este documento tem validade de 24 meses contados a partir da data de sua emissão.

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MINISTÉRIO DA EDUCAÇÃO
UNIVERSIDADE FEDERAL DE MATO GROSSO
PRÓ-REITORIA DE ENSINO DE PÓS-GRADUAÇÃO
PROGRAMA DE PÓS-GRADUAÇÃO EM EDUCAÇÃO FÍSICA
Avenida Fernando Corrêa da Costa, 2367 - Boa Esperança - Cep: 78060900 -Cuiabá/MT
Tel : 65 3615-8837 - Email : mestradoef@ufmt.br

DECLARAÇÃO

Banca de exame de Defesa de Dissertação

Declaro que o(a) professor(a) Doutor(a) Adriano Percival Calderaro Calvo participou da banca de Defesa de Dissertação do pós-graduando(a) Mestrando(a)Jonatha Flávio Souza Lemos como Examinador Interno. O título do trabalho apresentado é ""FUNCIONAL SENIOR: UMA PROPOSTA DE TREINAMENTO FÍSICO GERAL PARA O CONDICIONAMENTO FÍSICO DE IDOSOS"."., a Defesa ocorreu na data : 20/09/2018, na Sala 1 FEF da Universidade Federal de Mato Grosso.

Composição da Banca :

Examinador Interno	Doutor(a)	Adriano Percival Calderaro Calvo
Instituição : UNIVERSIDADE FEDERAL DE MATO GROSSO		
Examinador Suplente	Doutor(a)	Carlos Alexandre Fett
Instituição : UNIVERSIDADE FEDERAL DE MATO GROSSO		
Presidente Banca / Orientador	Doutor(a)	Waléria Christiane Rezende Fett
Instituição : UNIVERSIDADE FEDERAL DE MATO GROSSO		
Examinador Externo	Doutor(a)	Sebastião Gobbi
Instituição : Universidade Estadual Paulista (UNESP) – Campus de Rio Claro		

Programa de Pós-Graduação em Educação Física-PPGEF
Faculdade de Educação Física/UFMT
Avenida Fernando Correa da Costa, 2367
Boa Esperança, Cuiabá, MT -CEP 78070-355

Prof. Dr. Carlos Alexandre Fett
Coordenador do Programa de Pós Graduação
Mestrado em Educação Física
PPGEF / UFMT

Doutor(a) Carlos Alexandre Fett
Coordenador(a) do PROGRAMA DE PÓS-GRADUAÇÃO EM EDUCAÇÃO FÍSICA

CUIABÁ,20/09/2018.

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MINISTRY OF EDUCATION
FEDERAL UNIVERSITY OF MATO GROSSO
VICE-PRESIDENT'S OFFICE OF GRADUATE STUDIES
GRADUATE PROGRAM IN PHYSICAL EDUCATION
Avenida Fernando Corrêa da Costa, 2367 - Boa Esperança - ZIP Code: 78060900 - Cuiabá/MT
Phone: +55 65 3615-8837 - Email: mestradoef@ufmt.br

DECLARATION
Master's Thesis Examining Committee

I hereby declare that Professor Dr. Adriano Percival Calderaro Calvo participated in the Master`s Thesis Examining Committee of the graduate student Fernanda Gabriella Pedroso Marques, serving as Committee Chair/Co-advisor. The title of the presented work was "SCHOOL PERFORMANCE AND SPORTS MOTIVATION OF STUDENTS AT THE FEDERAL INSTITUTE OF MATO GROSSO." The defense took place on 08/29/2019, at the Auditorium of the Graduate Program in Tropical Agriculture at the Federal University of Mato Grosso.

Composition of the Committee:

Committee Chair / Advisor — Dr. Fabricio Cesar de Paula Ravagnani
Institution: FEDERAL UNIVERSITY OF MATO GROSSO
Alternate Examiner — Dr. Luiz Fabrizio Stoppiglia
Institution: FEDERAL UNIVERSITY OF MATO GROSSO
Internal Examiner — Dr. LAYLA MARIA CAMPOS ABURACHID
Institution: FEDERAL UNIVERSITY OF MATO GROSSO
Co-advisor — Dr. Adriano Percival Calderaro Calvo
Institution: FEDERAL UNIVERSITY OF MATO GROSSO
External Examiner — Dr. Lenamar Fiorese
Institution: State University of Maringá

Prof. Dr. Carlos Alexandre Fett
Coordinator of the
Graduate Program
Master's in Physical Education
PPGEF / UFMT

----//signature//----

Dr. Carlos Alexandre Fett
Coordinator of the GRADUATE PROGRAM IN PHYSICAL EDUCATION

CUIABÁ, 08/30/2019.

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I, Carolina Favero da Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.



_____ Date: June 06, 2025.

MINISTÉRIO DA EDUCAÇÃO
UNIVERSIDADE FEDERAL DE MATO GROSSO
PRÓ-REITORIA DE ENSINO DE PÓS-GRADUAÇÃO
PROGRAMA DE PÓS-GRADUAÇÃO EM EDUCAÇÃO FÍSICA
Avenida Fernando Corrêa da Costa, 2367 - Boa Esperança - Cep: 78060900 -Cuiabá/MT
Tel : 65 3615-8837 - Email : mestradoef@ufmt.br

DECLARAÇÃO

Banca de exame de Defesa de Dissertação

Declaro que o(a) professor(a) Doutor(a) Adriano Percival Calderaro Calvo participou da banca de Defesa de Dissertação do pós-graduando(a) Mestrando(a)Fernanda Gabriella Pedroso Marques como Presidente Banca/Coorientador. O título do trabalho apresentado é ""“DESEMPENHO ESCOLAR E MOTIVAÇÃO ESPORTIVA DOS ALUNOS DO INSTITUTO FEDERAL DE MATO GROSSO”.", a Defesa ocorreu na data : 29/08/2019, na Auditório da PPG Agricultura Tropical da Universidade Federal de Mato Grosso.

Composição da Banca :

Presidente Banca / Orientador	Doutor(a)	Fabricio Cesar de Paula Ravagnani
Instituicão : UNIVERSIDADE FEDERAL DE MATO GROSSO		
Examinador Suplente	Doutor(a)	Luiz Fabrizio Stoppiglia
Instituição : UNIVERSIDADE FEDERAL DE MATO GROSSO		
Examinador Interno	Doutor(a)	LAYLA MARIA CAMPOS ABURACHID
Instituicão : UNIVERSIDADE FEDERAL DE MATO GROSSO		
Coorientador	Doutor(a)	Adriano Percival Calderaro Calvo
Instituição : UNIVERSIDADE FEDERAL DE MATO GROSSO		
Examinador Externo	Doutor(a)	Lenamar Fiorese
Instituição : Universidade Estadual de Margingá		

Prof. Dr. Carlos Alexandre Fett
Coordenador do Programa de Pós Graduação
Mestrado em Educação Física
PPGEF / UFMT

Doutor(a) Carlos Alexandre Fett
Coordenador(a) do PROGRAMA DE PÓS-GRADUAÇÃO EM EDUCAÇÃO FÍSICA

CUIABÁ,30/08/2019.

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MINISTRY OF DEFENSE
BRAZILIAN ARMY
COMMAND AND GENERAL-STAFF SCHOOL OF THE ARMY
(Es EME/1905)
MARECHAL CASTELLO BRANCO SCHOOL

Rio de Janeiro, RJ, March 4, 2023.

Subject: **Certificate**

I hereby declare, for the purpose of curriculum verification, that Prof. Dr. Adriano Percival Calderaro Calvo voluntarily conducted the review and issued an opinion on a scientific article for the journal Coleção Meira Mattos: Journal of Military Sciences (ISSN 2316-4981) in the year 2023.

For which we are grateful.

Sincerely,

-----// signature //-----

Prof. Dr. TÁSSIO FRANCHI
Editor of Coleção Meira Mattos

I, Raphael Michels Fantinato de Moura, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: April 10, 2025.**

MINISTÉRIO DA DEFESA
EXÉRCITO BRASILEIRO
ESCOLA DE COMANDO E ESTADO-MAIOR DO EXÉRCITO
(Es EME/1905)
ESCOLA MARECHAL CASTELLO BRANCO

Rio de Janeiro, RJ, 04 de março de 2023

Assunto: **Certificado**

Declaro, para fins de comprovação curricular, que o Prof. Dr. Adriano Percival Calderaro Calvo realizou de forma voluntária a avaliação e emissão de parecer sobre artigo científico para o periódico Coleção Meira Mattos: revista das ciências militares (ISSN 2316-4981) no ano de 2023.

Pelo qual agradecemos.

Atenciosamente,

Prof. Dr. TÁSSIO FRANCHI
Editor da Coleção Meira Mattos

Exhibit D: Petitioner's original scientific, scholarly, artistic, athletic, or business-related contributions of major significance in the field.

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Adriano Calvo
Brazilian Air Force University · Military Human Performance Graduate
Doctor of Science

Applied Biomechanic in the Human Factor Researchs and in the Physical Performance.

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35
Publications
2,623
Reads
47
Citations

Production

Research Supervisor in sEMG in Pilots and Cadets (Muscle Control); Muscle Strength of Aviators (Dynamometers); Physical Tests and Musculoskeletal Symptoms in Special Operations Troops; Awareness Time in the Hipobaric and Normobaric Chambers.

Skills and Expertise

Sports Science | Human Performance | MATLAB | SPSS | Resistance Training | Exercise Testing | Strength & Conditioning | Exercise Intervention | Exerc

Education

February 2011 - February 2015
São Paulo State University
Field ofstudy
Doctor of Science [Biomechanics / Biomedical Engeneering]

March 2005 - May 2007
São Paulo State University
Field ofstudy
Master of Motricity [Human Biodynamics]

March 2001 - January 2005
São Paulo State University
Field ofstudy
Bachelor's Degree with Teaching License in Physical Education

Publications

Publications (35)

Anti-G Straining Maneuver: a narrative review

Article Full-text available

Sep 2024

Paulo Pires Junior · Tainah de Paula Lima · Thiago T. Guimarães · [...] · André Brand Bezerra Coutinho

Background: Increasingly valuable, sophisticated, and powerful aircraft are developed and incorporated into the armed forces. Technological advances are notable for increasing physiological load during the flight, making

human resources a limiting factor in such operations. It is necessary to understand the physiological demands to which aircraft p...

View

Hypoxia Protocols in a Normobaric Environment for Aviators: a Scoping Review

Article Full-text available

Jan 2025

Tainah de Paula · Debora Fernanda Haberland · Adriano Calvo · [...] · Thiago T. Guimarães

Objective: Identify the protocols used in normobaric hypoxia and the main symptoms in that context. Theoretical Framework: Hypoxia, particularly hypoxic hypoxia, is a critical challenge in aviation, caused by reduced atmospheric pressure at high altitudes. Controlled hypoxia training allows aviators to recognize symptoms, assess the time of useful...

View

Temporomandibular Disorder and Psychological Distress Relationships in Air Traffic Controllers

Article Full-text available

Sep 2024

Cristiano David Leite · Gustavo Oliveira Zoletti · Adriano Calvo

Background: Air traffic controllers (ATC) are subject to high cognitive and operational demands, exposing them to stress, anxiety, and depression. Temporomandibular disorder (TMD) is the main disorder of non-odontogenic etiology for chronic facial pain that affects muscles and joints, and has been related to psychological distress. Therefore, ATC co...

View

Musculoskeletal Discomfort in Transport Pilots of the Brazilian Air Force

Article Full-text available

Sep 2024

Vanessa Charleaux · Adriano Calvo · Paula Morisco de Sá

There are many occupational risks inherent to aviation that may be associated with the development of musculoskeletal discomfort and injuries. The pilot's activity in the cockpit is complex, with the execution of simultaneous tasks, so they are exposed to physical risks and in addition to this the specific demands inherent to military operational a...

View

Sports practice and academic performance in high school students at the Federal Institute of Mato Grosso

Article Full-text available

Jul 2024

Fernanda Gabriella Pedroso Marques · Christianne de Faria Coelho-Ravagnani · Juliano Oliveira Pizarro · [...] · Fabricio Cesar de Paula Ravagnani

Objectives: This study aimed to investigate whether participation in sports competitions at the Federal Institute of Mato Grosso (IFMT) affects the academic performance of high school students. Methodology: Students were divided into two groups based on their participation in the IFMT Games (JIFMT). The sample consisted of 74 students…

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The application of directional preference for chronic non-specific knee pain: A pragmatic, controlled, randomized clinical trial

Article

Jun 2024

Douglas Roberto da Silva · Ricardo Cesar Alves Ferreira · Adriano Calvo

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Relationship Between Strength Training Practice and Handgrip Strength of Brazilian Jiu-Jitsu Athletes

Article Full-text available

Feb 2024

Johan Andrés Robalino · Ana Paula Da Silva Azevedo · Adriano Calvo · Jacielle Carolina Ferreira

This study aims to compare handgrip strength between Brazilian Jiu-Jitsu (BJJ) athletes who engage in strength training and those who do not, exploring strength indices that assess maximum strength and endurance, as well as their respective asymmetries. The sample included 22 male BJJ athletes, divided into two groups …

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Personality Profile and Attention of Operators in the Brazilian Air Defense System

Article Full-text available

Jan 2024

Flávio de Souza Arcanjo · Adriano Calvo · Gilvan Silva · Paula Morisco de Sá

The military man who occupies a central position in Brazilian aerospace defense is called “anti-aircraft defense lessor”. In this operational routine, tasks of great complexity and responsibility are implicit, demanding attention and emotional control. However, these features are insufficiently described. Therefore, the aim of this study was to ver...

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Forearm Muscle Activity and Handgrip Profile Between Physically Active and Sedentary Older Women

Article Full-text available

Nov 2023

Anna Cristina de Farias Marques · Adriano Calvo · Daniel Tineu Leite Maia · [...] · Flávio Aimbire Soares de Carvalho

Introduction: The aging process promotes changes in skeletal muscles that affect muscle strength and fatigue; however, physical exercise has a direct effect on the aging process.
Objective: To investigate forearm handgrip strength, handgrip fatigability, and muscle activity in women a…

View

Forearm Muscle Activity and Handgrip Profile Between Physically Active and Sedentary Older Women

Article Full-text available

Nov 2023

Anna Cristina de Farias Marques · Adriano Calvo · Daniel Tineu Leite Maia · [...] · Flávio Aimbire Soares de Carvalho

Background: The aging process promotes changes in skeletal muscles that influence muscle strength and fatigue, however physical exercise has a direct effect on the aging process. Objective: The aim of this study was investigated the strength and strength fatigability and the muscle activities of the forearm of elderly women’s handgrip according phy...

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Characterization of physical performance and psychophysiological demand of military personnel undergoing Special Operations Courses: a descriptive study

Article Full-text available

Oct 2023

Adriano Joaquim dos Santos · Lúcio Mauro Campos da Silva Júnior · Adriano Calvo · Renato Massaferri

Introduction: Special Operations (OpEsp) courses aim to provide trainees with the knowledge and skills necessary to perform the duties of special operators. However, these courses may not offer conditions that ensure the training load’s intensity and volume are delivered systematically and progressively to individuals a…

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Prevalence of musculoskeletal symptoms and fatigue in T-27 instructor pilots of the Brazilian Air Force and associated factors

Article Full-text available

Sep 2023

Eduardo Duque · Renato Massaferri · Adriano Calvo

Introduction: T-27 instructor pilots at the Brazilian Air Force Academy (AFA) are constantly exposed to a high number of flights, often involving elevated G-loads, which increases the risk of musculoskeletal symptoms (MSS) and post-flight fatigue (PFF). It is noted that regular physical exercise (RPE), particularly in high volumes, c…

View

Grip strength time in the Tucano T-27 flight simulator does not depend on maximum handgrip strength in Brazilian Air Force cadets

Article Full-text available

May 2022

Joel Eloi Belo Júnior · Thiago Augusto Rochetti Bezerra · Adriano Calvo · Leonice Aparecida Doimo

At the Brazilian Air Force Academy (AFA), the technical and specialized training of future pilots takes place in the EMB 312 T-27 Tucano aircraft, where cadets perform maneuvers, aerobatics, and formation flights. These activities require high levels of isometric strength in the right upper limb to sustain/maintain control of the stick, which is responsible for the aircraft’s direction and…

View

CORRELATION BETWEEN MAXIMUM POWER MEASURED BY THE RUNNING-BASED ANAEROBIC SPRINT TEST AND COUNTERMOVEMENT VERTICAL JUMP IN FOOTBALL ATHLETES

Article Full-text available

Dec 2021

Gianfranco Sganzerla · Fabricio Cesar de Paula Ravagnani · Sander Fric Zanatto · [...] · Christianne de Faria Coelho

To correlate the maximum powers (PMáx) derived from the Running-Based Anaerobic Sprint Test (RAST) and Vertical Jump Countermovement (CMJ) in adult football athletes. Materials and methods: Forty-seven professional football players (25.5 ± 4.4 years, 79.4 ± 7.8 kg, and 180.0 ± 6.0 cm) participated in this study. The RAST consisted of six races with...

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Contrast sensitivity analysis in airborne military personnel: An exploratory study

Article Full-text available

Nov 2021

Janiny Mancini Rodrigues Silva De Paiva Valente · Leonice Aparecida Doimo · Adriano Calvo · Márcio Penha Morterá Rodrigues

Vision is considered the most important sense for obtaining information and references during flight, accounting for approximately 80% of orientation in the aviation environment. Visual acuity (VA) is the most important visual function tested in aircrew members (individuals whose professional duties are carried out inside an aircraft). Contrast sensitivity…

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Functional muscle fatigue of cadets in the force simulator of the T-27 Tucano aircraft

Conference Paper Full-text available

Jan 2021

Joel Eloi Belo Junior · Leonice Aparecida Doimo · Adriano Calvo · [...] · Thiago Augusto Rochetti Bezerra

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Pain and Lumbar Muscle Activation before and after Functional Task in Nonspecific Chronic Low BackPain

Article Full-text available

Jan 2021

Lidia E. O. Cruz · Adriano Calvo · Renato J. Soares · Regiane Albertini Carvalho

Individuals with non-specific chronic low back pain may present altered movement patterns during functional activities. However, muscle behavior before and after performing a functional task with different load conditions is not yet fully understood. The aim of this study is to analyze lumbar muscle activity before and after performing the function...

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Reliability of an isometric test for measuring the strength of the hip abductors and adductors

Article Full-text available

Apr 2020

Jacielle Carolina Ferreira · Manoella Regina de Souza Silva · Thiago Keitiney Souza Teixeira da Silva · [...] · Adriano Calvo

This study aimed to measure the reliability of a test for measuring the strength and strength imbalance of the hip abductors and adductors, using isokinetic equipment adapted for isometric testing. Thirteen healthy, physically active male individuals took part in the research. Two unilateral isometric tests were undertaken using a load cell attache...

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Physical and functional aspects of persons with multiple sclerosis practicing Tai-Geiko: randomized trial

Article Full-text available

Jan 2020

Viviane Regina Leite Moreno Ultramari · Adriano Calvo · Rosilene Andrade Silva Rodrigues · [...] · Carlos Alexandre Fett

OBJECTIVES: This study aimed to verify the influence of Tai-Geiko on the physical and functional aspects of people with multiple sclerosis (MS). METHODS: This was a parallel-group, randomized trial with two arms. People with MS were allocated to an experimental group (EG) (n=10) and control group (CG) (n=09). The participants received multidiscipl...

View

Sport Readiness Questionnaire Focused on Musculoskeletal Injuries

Article Full-text available

Oct 2016

José Antonio da Silveira Júnior · Christianne de Faria Coelho · Arnaldo J Hernandez · [...] · Fabricio Cesar de Paula Ravagnani

Introduction: Sports injuries are disorders that have a significant impact on an athlete's performance. Objective: To develop and validate a pre-participation sports questionnaire capable of identifying athletes with risk factors or a likelihood of musculoskeletal injury, to select them for specialized medical evaluation. Methods: The…

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Quality of handwriting: Intervention based on the variation of finger force production

Article Full-text available

Sep 2014

Adriano Calvo · Adriane Guzman Pasculli · Cynthia Yukiko Hiraga · [...] · Ana Maria Pellegrini

Difficulties in the production of proficient handwriting can be detected early in childhood. From the control point of view, non-proficient handwriting can be explained by the difficulty in adequately activating motor synergies that give support to this motor skill. Therefore, imposing different demand on the control to the motor synergies of the f...

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Historical evolution of women in the Olympic Games

Article Full-text available

Jan 2013

Bianca Zacché Ribeiro · Marcello De Castro · Rodrigues Felipe · [...] · Adriano Calvo

The participation of women in the Olympic Games over time reflects an unfortunate reality in the history of our society: the unnecessary exclusion of women from full citizenship. In the Ancient Olympic Games, women were prohibited from participating due to their supposed emotional and physical fragility and were even condemned to death if they attended…

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Jan 2013

Blanca Zacche Ribeiro · Marcello De Castro · Marcelo Rubens · Adriano Calvo

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Diagnosis of School Physical Education Content: Focus on Athletics

Article Full-text available

Jan 2012

Adriano Calvo · Sara Quenzer Matthiesen

physical education, sports, football, football, sports training, disability, adventure, poker, jackpot, bet, dice, casino, nature, injury, sports injury, psychology, sociology, social studies, cultural studies, physical, games, game, gambling, education, sports sciences, education, physical education, gymnastics, fitness, swimming, at…

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Core Training: applications and the effects in sports

Article Full-text available

Dec 2011

Carlos Eduardo Dias ferreira · Germano Souza · Adriano Calvo · Marcela de Castro Ferraciolli

Core Training: Its Applications and Effects in Sports
Abstract: The fundamental idea of the Core Training method is to train the muscle groups that control and stabilize the lumbar and pelvic movements for specific purposes. These muscle groups are members of the lumbar-pelvic complex....

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Core Training: applications and the effects in sports

Article Full-text available

Dec 2011

Carlos Eduardo Dias Ferreira · Germano Souza · Adriano Calvo · Marcela de Castro Ferraciolli

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Core Training: applications and the effects in sports

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Dec 2011

Carlos Eduardo Dias · Germano De Souza · Adriano Calvo

Abstract: The fundamental idea of the Core Training method is to train the muscle groups that control and stabilize pelvic and lumbar movements for specific purposes. These muscle groups are part of the lumbo-pelvic complex. This means that the method focuses on muscular work in the body region where all movements are initiated…

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Stigmas of Physical Detraining

Article Full-text available

Nov 2011

Marcio Rosa Muniz · Fernando Luis · Ferreira · [...] · Castro Ferraciolli

Various performance, physiological, metabolic, and structural changes occur as a result of detraining. These changes are most significant during the initial weeks. However, physical condition remains above pre-training levels for a long period after the onset of detraining. The incorporation of detraining into periodization…

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Stigmas of the Physical Detraining

Article Full-text available

Nov 2011

Marcio Rosa Muniz · Luis Fernando Ferreira · Adriano Calvo · Marcela de Castro Ferraciolli

The Performance, physiological, metabolic, and structural changes due to detraining. Such changes occur most significantly in the initial weeks. However, the physical status remains above pre-workout for a long time after the start of detraining. The insertion of detraining in accruals, specifically, in steps of transitional periods of training or...

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Athletics is present in Physical Education classes at school

Article Full-text available

Jan 2011

Adriano Calvo · Sara Quenzer Matthiesen

Among the ways to promote athletics, only the media has been successful. However, the media focuses solely on the context of sports as spectacle. Another way to promote athletics is to include it as content in school physical education classes at the elementary school. However, it was found that less than half of those interviewed had any knowledge of athletics...

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Stigmas of the Physical Detraining

Article Full-text available

Jan 2011

Marcio Rosa Muniz · Luis Fernando Ferreira · Adriano Calvo · Marcela de Castro Ferraciolli

Performance, physiological, metabolic, and structural changes due to detraining. These changes occur most significantly during the initial weeks. However, physical condition remains above pre-training levels for a long time after the onset of detraining. The incorporation of detraining in…

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Are writing difficulties associated with motor difficulties?

Article Full-text available

Jul 2007

Adriano Calvo · Ana Maria Pellegrini · Cynthia Yukiko Hiraga

View

Athletics is learned at school

Article Full-text available

Jan 2005

Sara Quenzer Matthiesen · Adriano Calvo · Augusto Silva · Florence Faganello

Part of the work carried out by the UNESP Teaching Center in 2003, entitled “Athletics is Learned at School”, this text seeks to describe the process followed in organizing teaching materials in the field of athletics. During the seven months of project development, a thorough review of the literature in the area of Physical Education was conducted…

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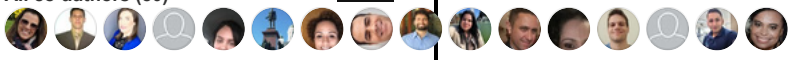

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Marina Viana

Date: August 14, 2025

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Brazilian Air Force University · Military Human Performance Graduate
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Applied Biomechanic in the Human Factor Researchs and in the Physical Performance.

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Skills and Expertise

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March 2005 - May 2007
São Paulo State University
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Master of Motricity [Human Biodynamics]

March 2001 - January 2005
São Paulo State University
Field of study
Bacharel with Teaching License in Physical Education

ɔlications

ɔlications (35)

Anti-G Straining Maneuver: a narrative review

Article Full-text available

Sep 2024

Paulo Pires Junior · Tainah de Paula Lima · Thiago T. Guimarães · [...] · André Brand Bezerra Coutinho

Background: Increasingly valuable, sophisticated, and powerful aircraft are developed and incorporated into the armed forces. Technological advances are notable for increasing physiological load during the flight, making

human resources a limiting factor in such operations. It is necessary to understand the physiological demands to which aircraft p...

View

Hypoxia Protocols in a Normobaric Environment for Aviators: a Scoping Review

Article Full-text available

Jan 2025

Tainah de Paula · Debora Fernanda Haberland · Adriano Calvo · [...] · Thiago T. Guimarães

Objective: Identify the protocols used in normobaric hypoxia and the main symptoms in that context. Theoretical Framework: Hypoxia, particularly hypoxic hypoxia, is a critical challenge in aviation, caused by reduced atmospheric pressure at high altitudes. Controlled hypoxia training allows aviators to recognize symptoms, assess the time of useful...

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Temporomandibular Disorder and Psychological Distress Relationships in Air Traffic Controllers

Article Full-text available

Sep 2024

Cristiano David Leite · Gustavo Oliveira Zoletti · Adriano Calvo

Background: Air traffic controllers (ATC) are subject to high cognitive and operational demands, exposing them to stress, anxiety and depression. Temporomandibular disorder (TMD) is the main disorder of non-odontogenic etiology for chronic facial pain that affects muscles and joints, and has been related to psychological distress. Therefore, ATC co...

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Musculoskeletal discomfort in Brazilian Air Force Transport Pilots

Article Full-text available

Sep 2024

Vanessa Charleaux · Adriano Calvo · Paula Morisco de Sá

There are many occupational risks inherent to aviation that may be associated with the development of musculoskeletal discomfort and injuries. The pilot's activity in the cockpit is complex, with the execution of simultaneous tasks, so they are exposed to physical risks and in addition to this the specific demands inherent to military operational a...

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Prática esportiva e desempenho acadêmico no ensino médio do Instituto Federal de Mato Grosso

Article Full-text available

Jul 2024

Fernanda Gabriella Pedroso Marques · Christianne de Faria Coelho-Ravagnani · Juliano Oliveira Pizarro · [...] · Fabricio Cesar de Paula Ravagnani

Objetivos: A presente pesquisa teve o objetivo de verificar se a participação esportiva nos jogos do Instituto Federal de Mato Grosso (IFMT) interfere no desempenho acadêmico de estudantes do ensino médio. Metodologia: Os estudantes do estudo foram divididos em dois grupos, conforme a participação nos JIFMT. A amostra foi composta por 74 estudantes...

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The application of directional preference for chronic non-specific knee pain: A pragmatic, controlled, randomized clinical trial

Article

Jun 2024

Douglas Roberto da Silva · Ricardo Cesar Alves Ferreira · Adriano Calvo

View

Relationship Between Strength Training Practice and Handgrip Strength of Brazilian Jiu-Jitsu Athletes

Article Full-text available

Feb 2024

Johan Andrés Robalino · Ana Paula Da Silva Azevedo · Adriano Calvo · Jacielle Carolina Ferreira

Este estudio tiene como objetivo comparar la fuerza de prensión manual entre atletas de jiu-jitsu brasileño (JJB) que practican musculación y aquellos que no lo practican, explorando índicesde fuerza que evalúen la máxima fuerza y la resistencia, así como sus respectivas asimetrías. Lamuestra incluyó 22 atletas masculinos de JJB, separados en dos g...

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Perfil de Personalidade e Atenção de Locadores da Defesa Antiaérea Brasileira

Article Full-text available

Jan 2024

Flávio de Souza Arcanjo · Adriano Calvo · Gilvan Silva · Paula Morisco de Sá

The military man who occupies a central position in Brazilian aerospace defense is called “anti-aircraft defense lessor”. In this operational routine, tasks of great complexity and responsibility are implicit, demanding attention and emotional control. However, these features are insufficiently described. Therefore, the aim of this study was to ver...

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Actividad muscular del antebrazo y perfil de prensión manual entre mujeres mayores físicamente activas y sedentarias

Article Full-text available

Nov 2023

Anna Cristina de Farias Marques · Adriano Calvo · Daniel Tineu Leite Maia · [...] · Flávio Aimbire Soares de Carvalho

Introducción: El proceso de envejecimiento promueve cambios en los músculos esqueléticos que influyen en la fuerza muscular y la fatiga, pero el ejercicio físico tiene un efecto directo en el proceso de envejecimiento. Objetivo: Investigar la fuerza y la fatigabilidad de la fuerza de prensión del antebrazo y las actividades musculares en mujeres ma...

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Forearm Muscle Activity and Handgrip Profile Between Physically Active and Sedentary Older Women

Article Full-text available

Nov 2023

Anna Cristina de Farias Marques · Adriano Calvo · Daniel Tineu Leite Maia · [...] · Flávio Aimbire Soares de Carvalho

Background: The aging process promotes changes in skeletal muscles that influence muscle strength and fatigue, however physical exercise has a direct effect on the aging process. Objective: The aim of this study was investigated the strength and strength fatigability and the muscle activities of the forearm of elderly women’s handgrip according phy...

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Caracterização de desempenho físico e demanda psicofisiológica de militares submetidos a cursos de Operações Especiais: um estudo descritivo

Article Full-text available

Oct 2023

Adriano Joaquim dos Santos · Lúcio Mauro Campos da Silva Júnior · Adriano Calvo · Renato Massaferri

Introdução: Cursos de operações especiais (OpEsp) possuem como objetivo proporcionar aos instruendos conhecimentos que os capacitem a desempenhar funções de operadores especiais. Entretanto, os cursos de OpEsp podem não apresentar condições de fornecer intensidade e volume de carga de treinamento de forma sistemática e progressiva aos indivíduos ao...

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Prevalência de sintomas musculoesqueléticos e fadiga em pilotos instrutores de T-27 da Força Aérea Brasileira e fatores associados

Article Full-text available

Sep 2023

Eduardo Duque · Renato Massaferri · Adriano Calvo

Introdução: Os pilotos instrutores de T-27 da Academia da Força Aérea (AFA) são constantemente expostos a uma grande quantidade de voos, frequentemente com cargas G elevadas, aumentando o risco de sintomas musculoesqueléticos (SME) e fadiga após voo (FAV). Aponta-se que a prática de exercício físico regular (EFR), principalmente em volumes altos, p...

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Time of holding strength in T-27 Tucano aircraft simulator doesn’t depend maximum manual grip strength in brazilian air force cadets

Article Full-text available

May 2022

Joel Eloi Belo Júnior · Thiago Augusto Rochetti Bezerra · Adriano Calvo · Leonice Aparecida Doimo

Na Academia da Força Aérea (AFA) a instrução técnico-especializada dos futuros pilotos ocorre na aeronave EMB 312 T-27 Tucano, onde os cadetes realizam manobras, acrobacias e voos em formatura. Tais atividades exigem altos níveis de força isométrica do membro superior direito para a sustentação/manutenção do manche, este responsável pela direção e...

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CORRELAÇÃO DA POTÊNCIA MÁXIMA MEDIDA PELOS TESTES RUNNING-BASED ANAEROBIC SPRINT TEST E SALTO VERTICAL CONTRAMOVIMENTO EM ATLETAS DE FUTEBOL

Article Full-text available

Dec 2021

Gianfranco Sganzerla · Fabricio Cesar de Paula Ravagnani · Sander Fric Zanatto · [...] · Christianne de Faria Coelho

To correlate the maximum powers (PMáx) derived from the Running-Based Anaerobic Sprint Test (RAST) and Vertical Jump Countermovement (CMJ) in adult football athletes. Materials and methods: Forty-seven professional football players (25.5 ± 4.4 years, 79.4 ± 7.8 kg, and 180.0 ± 6.0 cm) participated in this study. The RAST consisted of six races with...

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Análise da sensibilidade ao contraste em militares aeronavegantes: Estudo exploratório

Article Full-text available

Nov 2021

Janiny Mancini Rodrigues Silva De Paiva Valente · Leonice Aparecida Doimo · Adriano Calvo · Márcio Penha Morterá Rodrigues

A visão é considerada o sentido mais importante para obter informações e referências durante o voo, sendo responsável por cerca de 80% da orientação no ambiente de aviação. A acuidade visual (AV) é a função visual mais importante testada nos aeronavegantes (indivíduos cuja função laboral se desenvolve dentro de uma aeronave). A sensibilidade ao con...

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Fadiga muscular funcional de cadetes em simulador de forças da aeronave T-27 Tucano

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Jan 2021

Joel Eloi Belo Junior · Leonice Aparecida Doimo · Adriano Calvo · [...] · Thiago Augusto Rochetti Bezerra

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Pain and Lumbar Muscle Activation before and after Functional Task in Nonspecific Chronic Low BackPain

Article Full-text available

Jan 2021

Lidia E. O. Cruz · Adriano Calvo · Renato J. Soares · Regiane Albertini Carvalho

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Reliability of an isometric test for measuring the strength of the hip abductors and adductors

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Apr 2020

Jacielle Carolina Ferreira · Manoella Regina de Souza Silva · Thiago Keitiney Souza Teixeira da Silva · [...] · Adriano Calvo

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Physical and functional aspects of persons with multiple sclerosis practicing Tai-Geiko: randomized trial

Article Full-text available

Jan 2020

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Questionário de Prontidão para o Esporte com Foco nas Lesões Musculoesqueléticas

Article Full-text available

Oct 2016

José Antonio da Silveira Júnior · Christianne de Faria Coelho · Arnaldo J Hernandez · [...] · Fabricio Cesar de Paula Ravagnani

Introdução: As lesões esportivas são desordens que têm grande impacto no desempenho do atleta. Objetivo: Desenvolver e validar um questionário de pré-participação em esportes que identifique atletas com fatores de risco ou probabilidade de lesão musculoesquelética, a fim de selecioná-los para avaliação médica especializada. Métodos: Utilizou-se a...

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Qualidade da escrita: Intervenção baseada na variação da produção de força dos dedos

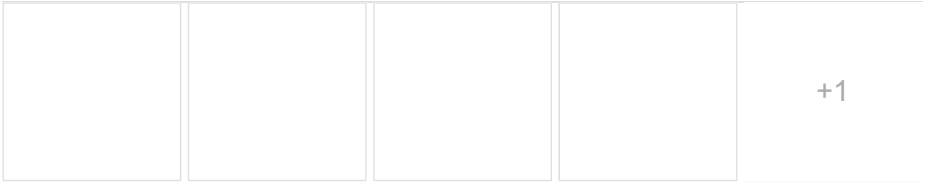
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Sep 2014

Adriano Calvo · Adriane Guzman Pasculli · Cynthia Yukiko Hiraga · [...] · Ana Maria Pellegrini

Difficulties in the production of proficient handwriting can be detected early in childhood. From the control point of view, non-proficient handwriting can be explained by the difficulty in adequately activating motor synergies that give support to this motor skill. Therefore, imposing different demand on the control to the motor synergies of the f...

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Evolução histórica das mulheres nos Jogos Olímpicos

Article Full-text available

Jan 2013

Bianca Zacché Ribeiro · Marcello De Castro · Rodrigues Felipe · [...] · Adriano Calvo

A participação das mulheres nos Jogos Olímpicos ao longo do tempo demonstra uma infeliz realidade da história de nossa sociedade: a exclusão desnecessária da mulher da cidadania. Nos Jogos Olímpicos da Era Antiga, as mulheres eram proibidas de participarem devidas suas supostas fragilidades emocionais e físicas; e eram condenadas à morte caso assis...

View

Evolución histórica de la mujer en los Juegos Olímpicos

Article Full-text available

Jan 2013

Blanca Zacche Ribeiro · Marcello De Castro · Marcelo Rubens · Adriano Calvo

La participación de las mujeres en los Juegos Olímpicos a lo largo del tiempo demuestra una lamentable realidad en la historia de nuestra sociedad: la exclusión innecesaria de las mujeres de la ciudadanía. En los Juegos Olímpicos Antiguos, a las mujeres se les prohibía participar debido a su supuesta debilidad emocional y física; y eran condenados...

View

Diagnóstico do conteúdo da Educação Física Escolar o atletismo em foco

Article Full-text available

Jan 2012

Adriano Calvo · Sara Quenzer Matthiesen

educación física educacion fisica deportes deporte sport futbol fútbol entrenamiento deportivo discapacidad aventura poker jackpot bet apuesta dados dice casino naturaleza lesión lesion deportiva psicologia sociologia estudios sociales culturales physical juegos game gambling education sports sciences education physique gimnasia fitness natacion at...

View

Core Training: applications and the effects in sports

Article Full-text available

Dec 2011

Carlos Eduardo Dias ferreira · Germano Souza · Adriano Calvo · Marcela de Castro Ferraciolli

Core Training: suas aplicações e os seus efeitos nos esportes El Core Training: sus aplicaciones y sus efectos en los deportes Abstract The fundamental idea of Core Training method is to train the muscle groups that control and stabilize the lumbar and pelvic movements for specific purposes. These muscle groups are members of lumbar-pelvic complex....

View

El Core Training: sus aplicaciones y sus efectos en los deportes

Article Full-text available

Dec 2011

Carlos Eduardo Dias Ferreira · Germano Souza · Adriano Calvo · Marcela de Castro Ferraciolli

o El fundamental idea de Centro Capacitación método es a tren el músculo grupos eso control y estabilizar el lumbar y pélvico movimientos para específico propósitos. Estos músculo grupos son Miembros de lumbar-pélvica complejo. Este medio eso este método se centra en el muscular trabajar de el cuerpo región dónde todo movimientos son iniciado, desd...

View

Core Training: suas aplicações e os seus efeitos nos esportes

Article Full-text available

Dec 2011

Carlos Eduardo Dias · Germano De Souza · Adriano Calvo

Resumo A idéia fundamental do método Core Training é treinar os grupos musculares que controlam e estabilizam os movimentos pélvicos e região lombar para finalidades específicas. Esses grupos musculares são integrantes do complexo lombo-pélvico. Isto significa que tal método focaliza o trabalho muscular da região do corpo onde todos os movimentos s...

View

Estigmas do Destreinamento Físico - Estigmas del Desentrenamiento Físico

Article Full-text available

Nov 2011

Marcio Rosa Muniz · Fernando Luis · Ferreira · [...] · Castro Ferraciolli

Diversas alterações de desempenho, fisiológicas, metabólicas e estruturais ocorrem em função do destreinamento. Tais alterações ocorrem mais significativamente nas semanas iniciais. No entanto, o estado físico mantém-se acima dos níveis pré-treino por um período longo após o início do destreinamento. A inserção do destreinamento na periodização, ma...

View

Stigmas of the Physical Detraining

Article Full-text available

Nov 2011

Marcio Rosa Muniz · Luis Fernando Ferreira · Adriano Calvo · Marcela de Castro Ferraciolli

The Performance, physiological, metabolic, and structural changes due to detraining. Such changes occur most significantly in the initial weeks. However, the physical status remains above pre-workout for a long time after the start of detraining. The insertion of detraining in accruals, specifically, in steps of transitional periods of training or...

View

O atletismo está presente nas aulas de Educação Física Escolar

Article Full-text available

Jan 2011

Adriano Calvo · Sara Quenzer Matthiesen

Das formas de difundir o Atletismo, apenas a mídia o faz com êxito. Entretanto, a mídia focaliza apenas o contexto do esporte espetáculo. Outra forma de difundir o Atletismo é inseri-lo como conteúdo nas aulas de Educação Física Escolar no ensino básico. No entanto, constatou-se que menos da metade dos entrevistados tiveram conhecimento do Atletism...

View

Los Estigmas del Desentrenamiento

Article Full-text available

Jan 2011

Marcio Rosa Muniz · Luis Fernando Ferreira · Adriano Calvo · Marcela de Castro Ferraciolli

o El rendimiento, los cambios fisiológicos, metabólicos y estructurales debidos al desentrenamiento. Dichos cambios ocurren más significativamente en las semanas iniciales. Sin embargo, el estado físico se mantiene por encima del pre-entrenamiento durante mucho tiempo después del inicio del desentrenamiento. La inserción del desentrenamiento en acu...

View

Estariam as dificuldades na escrita associadas a dificuldades motoras?

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Jul 2007

Adriano Calvo · Ana Maria Pellegrini · Cynthia Yukiko Hiraga

View

Atletismo se aprende na escola

Article Full-text available

Jan 2005

Sara Quenzer Matthiesen · Adriano Calvo · Augusto Silva · Florence Faganello

Parte do trabalho desenvolvido pelo Núcleo de Ensino da UNESP- 2003 intitulado “Atletismo se aprende na escola” este texto procurará relatar o percurso traçado na organização de material de ensino no campo do atletismo. Nos sete meses de desenvolvimento do projeto foi cumprido um levantamento minucioso da bibliografia na área de Educação Física, co...

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University of Luxembourg

Eduardo Vinícius Mota e Silva
Federal University of Ceará

Current institution

Brazilian Air Force University
Military Human Performance Graduate

Current position
Associate Professor

Current journal roles

Associate Editor
Motriz Revista de Educação Física

Co-authors

Top co-authors


Silvia Ribeiro Santos Araujo
Federal University of Minas Gerais

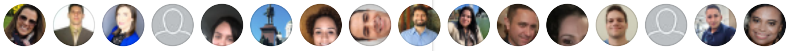

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Researcher

Adriano Percival Calderaro Calvo

Address to access this profile: dgp.cnpq.br/dgp/espelhorh/4665929995935700

General Information

Name in bibliographic citations: CALVO, A. P.; CALVO, A. P. C.; CALVO, ADRIANO PERCIVAL; CALVO, ADRIANO PERCIVAL CALDERANO; CALVO, Adriano Percival Calvo

Degree: Doctorate

Fields of expertise:
- Physical Assessments: Traditional and Biomechanical
- Coordination and Movement Control
- Human Physiology in Extreme Environments
- Physical Conditioning: Sport and High-Performance Sport
- Biological Signal Processing: Time, Frequency, and Spectral Domains
- Data Treatment and Analysis: Parametric and Non-Parametric Statistics

CNPq Scholarship Holder:
- PDE

Last update of the Lattes Curriculum: 03/05/2025

Homepage: http://www2.fab.mil.br/unifa/ppgdho/

Research Groups in which he participates

Group Name	Institution	Role
Biopsychosocial Aspects of Operational Human Performance in the Armed Forces	UNIFA	Researcher

Research Areas

Research Areas	Group Name
Ergonomic and biomechanical evaluation and intervention applied to operational human performance	Biopsychosocial Aspects of Operational Human Performance in the Armed Forces
Testing and assessment of physiological variables applied to operational human	Biopsychosocial Aspects of Operational Human Performance in the

Research Areas	Group Name
performance	Armed Forces

Students participating in research group(s) advised by the researcher

Student	Academic Level	Research Group
Danielle Filippo de Lemos	Professional Master's	Biopsychosocial Aspects of Operational Human Performance in the Armed Forces
Cristiano Leite David	Professional Master's	Biopsychosocial Aspects of Operational Human Performance in the Armed Forces
Viviane Conceição Zanini Tauil Valente	Professional Master's	Biopsychosocial Aspects of Operational Human Performance in the Armed Forces

Research groups from which he graduated

Group Name	Institution
Metabolic Investigation Team in Sport and Health – TIMES-UFMT	UFMT
Applied Biomechanics to Sports Training	UFMT

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana

Date: August 15, 2025

Pesquisador(a)

Adriano Percival Calderaro Calvo

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Titulação: Doutorado

Áreas de atuação:
- Avaliações Físicas: Tradicionais e Biomecânicas
- Coordenação e Controle de Movimento
- Fisiologia Humana em Ambiente Extremo
- Preparação Física: Esporte e Esporte de Alto Rendimento
- Processamento de Sinais Biológicos: domínio do tempo, de frequência e de espectro
- Tratamentos e Análises de Dados: Estatística Paramétrica e NãoParamétrica

Bolsista CNPq:
- PDE

Última atualização do Currículo Lattes: 05/03/2025

Homepage: http://www2.fab.mil.br/unifa/ppgdho/

Grupos de pesquisa em que atua

Nome do grupo	Instituição	Perfil
Aspectos Biopsicossociais do Desempenho Humano Operacional nas Forças Armadas	UNIFA	Pesquisador

Linhas de pesquisa em que atua

Linha de pesquisa	Nome do grupo
Avaliação e intervenção ergonômica e biomecânica aplicadas ao desempenho humano operacional	Aspectos Biopsicossociais do Desempenho Humano Operacional nas Forças Armadas
Testes e avaliações das variáveis fisiológicas aplicados ao desempenho humano	Aspectos Biopsicossociais do Desempenho Humano Operacional nas

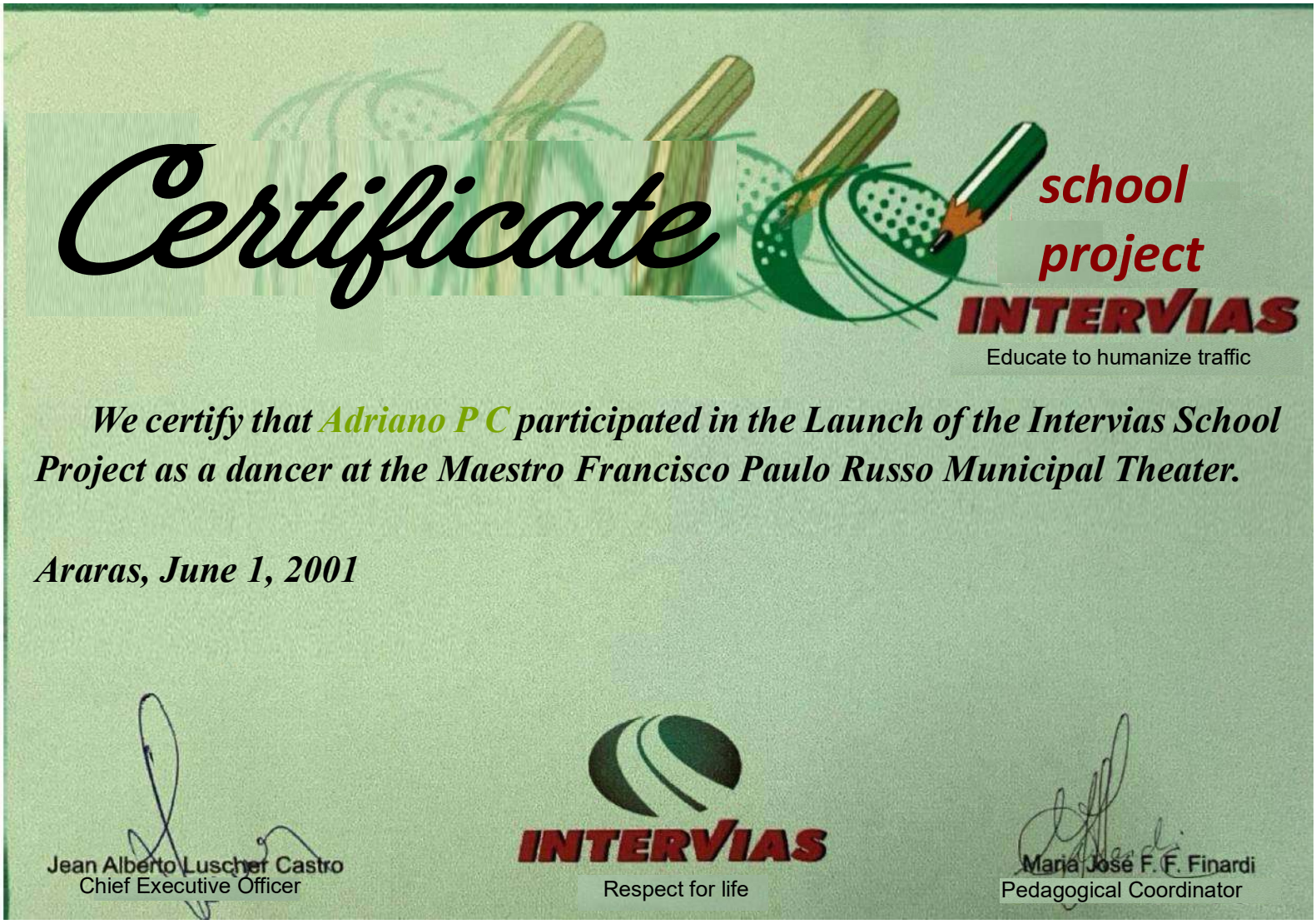
Linha de pesquisa	Nome do grupo
operacional	Forças Armadas

Estudantes participantes de grupo(s) de pesquisa, orientados pelo pesquisador

Estudante	Nível de treinamento	Grupo de pesquisa
Danielle Filippo de Lemos	Mestrado Profissional	Aspectos Biopsicossociais do Desempenho Humano Operacional nas Forças Armadas
Cristiano Leite David	Mestrado Profissional	Aspectos Biopsicossociais do Desempenho Humano Operacional nas Forças Armadas
Viviane Conceição Zanini Tauil Valente	Mestrado Profissional	Aspectos Biopsicossociais do Desempenho Humano Operacional nas Forças Armadas

Grupos de pesquisa de que é egresso

Nome do grupo	Instituição
Time de investigação metabólica em esporte e saúde - TIMES-UFMT	UFMT
Biomecânica Aplicada ao Treinamento Esportivo	UFMT


Certificate
school
project
INTERVIAS
Educate to humanize traffic
We certify that Adriano P C participated in the Launch of the Intervias School Project as a dancer at the Maestro Francisco Paulo Russo Municipal Theater.
Araras, June 1, 2001
Jean Alberto Luscher Castro
Chief Executive Officer
INTERVIAS
Respect for life
Maria José F. F. Finardi
Pedagogical Coordinator


Certificate
school
project
INTERVIAS
Educate to humanize traffic
We certify that Adriano P C participated with the Intervias School Project in the celebration of the National Traffic Week as a dancer and choreographer at the Dr. Losso Netto Municipal Theater in Piracicaba
Araras, October 1, 2002
Jean Alberto Lusoner Castro
Chief Executive Officer
INTERVIAS
Respect for life
Maria José F. F. Finardi
Pedagogical Coordinator

Intervias School Project



Adriano P C

Tribute from Intervias - Concessionaire of Highways of the Interior of São Paulo - for its invaluable contribution to the development of the Intervias School Project - Top Social Award A D V B 2002 - and its commitment to educating children for more humane traffic, guided by the values of citizenship and respect for life.

Araras, July 3, 2002

SÃO PAULO STATE UNIVERSITY
"JULIO DE MESQUITA FILHO"
Rio Claro Campus
Institute of Biosciences
Academic Technical Division

Certificate IB/DTA/D No. 183/2005

CERTIFICATE

We hereby certify, at the request of the interested party and for the purposes intended, that **ADRIANO PERCIVAL CALVO**, ID No. 30.854.312-9, from the Physical Education Course, received a University Extension Scholarship - "Exciton Campaign", as follows:

Periods: **April to December 2001**
April and December 2002

Advisor: **Prof. Dr. Cátia Mary Volp**
(Department of Physical Education - I.B.)

Rio Claro, September 9, 2005.

----//signature//----
Prof. Dr. AMILTON FERREIRA
Director

Institute of Biosciences
Avenida 24-A no. 1515 – ZIP Code 13506-900 – Rio Claro – S.P. - Brazil
Phone 19 3526-4100 – fax 19 3534-0009 – http://www.rc.unesp.br
DTA – Phone 19 3526 4103 – email – dtaib@rc.unesp.br

school project INTERVIAS

Araras, October 14, 2004.

To
UNESP Rio Claro
Attention: Cátia Mary Volpe

It is with great satisfaction that we share the joy of receiving the "Motiva Social Responsibility" award, through the Empresa Legal (*Legal Company*) seal.

Promoted by the Motiva Institute of Community Education and Local Development, mainly aimed at the professional training of low-income individuals and people in charge of companies and organizations, portraying and encouraging compliance with environmental, social, labor, and tax legislation, the principles of the Universal Declaration of Human Rights, and the United Nations conventions on the rights of the child.

During these three years of activities, the School Project has received significant awards that mark its successful trajectory. In August 2003, the project was awarded the Quality Brasil Mercosul, promoted by the International Quality Service - I.Q.S., which recognizes the management of companies with outstanding performance in the market, excellence in the quality of their services, and recognized contribution to the socio-economic growth of the country. In August 2002, it stood out as an Honorable Mention - Company category - in the 13th Volvo Traffic Safety Award. In June of the same year, it received the Top Social ADVB from the Association of Sales and Marketing Managers of Brazil, thanks to its contribution to the social development of the communities with which it interacts.

The achievement of yet another award is the result of the dedication and commitment of all members of the School Project. Furthermore, it is the recognition of serious and competent work that relies on partners like you, in the constant pursuit of more humane traffic.

Sincerely,

----//signature//----
Roberto de Barros Calixto
Director of Operations and Engineering

VALID ONLY WITH THE AUTHENTICITY SEAL

3rd Notary Public
Av. 2 no. 336-F 3534-1416-Rio Claro-SP
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Rio Claro (SP) MAR 02, 2025
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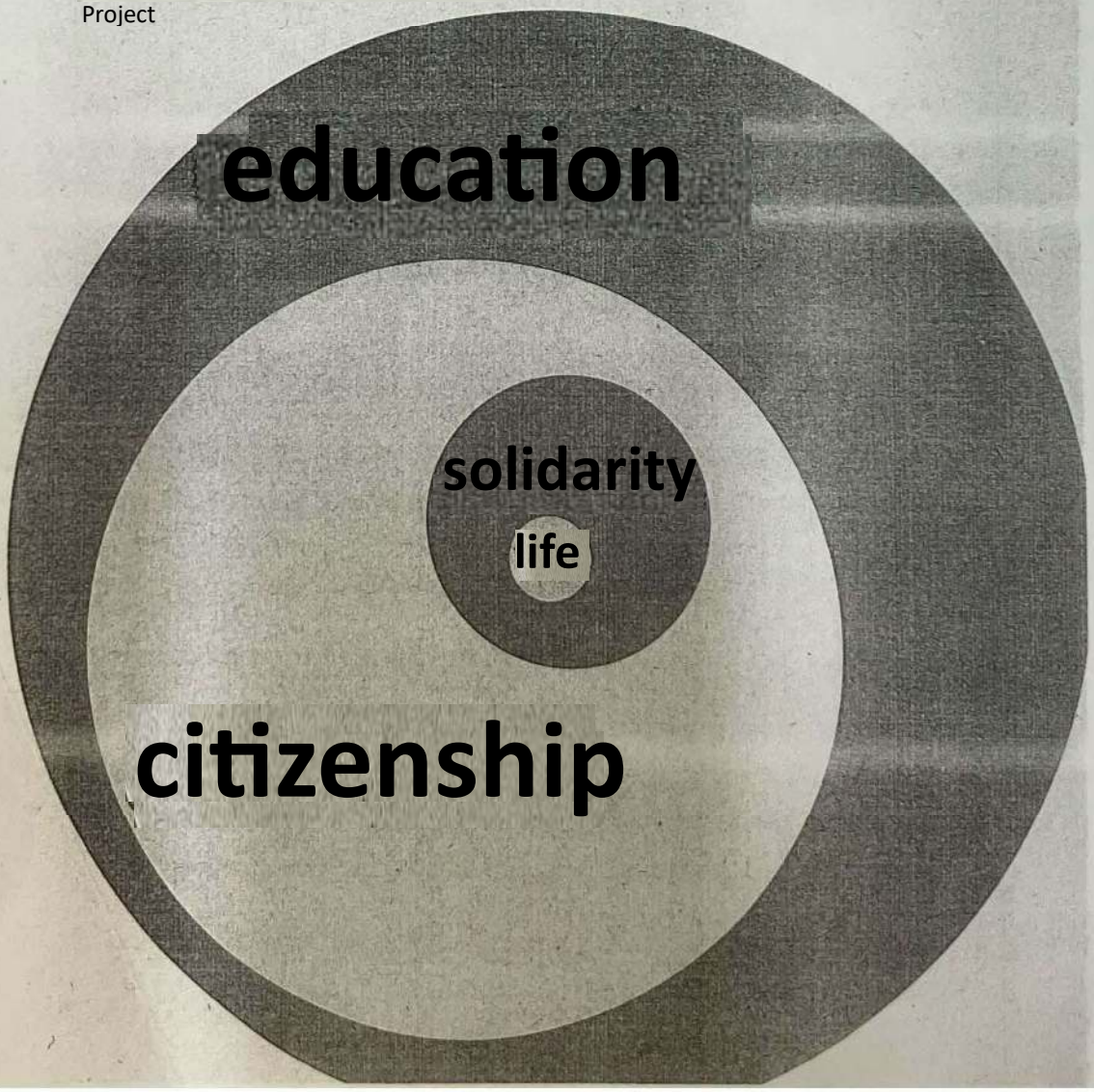
NOV 03
YEAR 11
No. 02

Intervias School Project Magazine > Educate to Humanize Traffic

viva

school project INTERVIAS

- Learn about the work carried out by the 29 schools monitored by the School Project
- Recognized work - 2 national awards and 1 international award won in just 3 years
- Intervias employees and partners talk about the importance of the School Project



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Testimonial from Intervias partners



Teacher Ana Maria Ap. Benassato Coser
Director of the Municipal Department of Porto Ferreira

"In 2001, we achieved major milestones with the implementation of the INTERVIAS SCHOOL PROJECT at the "Sud Mennucci" Municipal Elementary School, which developed the program: "Educate to Humanize Traffic," aimed at raising awareness and sensitizing children, adolescents, and adults to the highest concept of citizenship. The program provided our students with a change in attitude, an interest in rights and duties, ideals of solidarity, responsibility, and awareness of the importance of respect for life. The objectives of the program were fully achieved because it was developed in partnership and with the full support of the Administration, the responsible work of the teachers, the creativity of the students, and the commitment of the parents, ALL speaking their language, engaging in something educational, healthy, and exciting. And I am certain that the program, through its concrete actions and activities carried out, has changed the behavior of each citizen regarding traffic, contributing positively to the municipality."



Catia Mery Volp
Coordinator of CIA Exciton

"I congratulate the Intervias School Project for its work, and we will continue to act intensively, with even more determination, to reinforce in all segments of society our greatest goal: RESPECT FOR LIFE. The partnership between Cia Éxciton and the Intervias School Project was and still is a magnificent experience. Cia Éxciton is a dance and expression group institutionalized by the Artistic-Cultural Activities Program of the Vice-President's Office of University Extension of Unesp. This group aims to produce and present dances in various settings, including performances for schools, with the purpose of bringing information and dance experiences to the school public. Upon receiving the invitation from Teacher Maria José Finardi to join the Intervias School Project, the Company was given the challenge of creating a show that would work in harmony with the objectives of the project. Art to Humanize Traffic featured black light resources, addressed traffic and citizenship themes, presenting situations and problems, and conveying messages that could engage in dialogue with children. The contact with the schools and the children was very rewarding. Commitments and/or partnerships like this can facilitate the implementation of projects and fulfill educational values."



Francisco Martins Neto
from 3M of Ribeirão Preto

"A partnership that bears good fruit is one that occurs between people and companies that share common values, shared objectives, and good projects to put into action. This is the case between Intervias and 3M do Brasil. The Intervias School Project aims to educate future generations of drivers/citizens in respect for the rules, the environment in which they live, and their fellow human beings. When we were invited to participate through the donation of materials produced by 3M, we recognized the value of this initiative in the communities where our company is also present. This is a project that "makes a difference", and we are privileged to be able to participate."



Lieutenant Colonel PM
Roberto Antonio Diniz
Commander of the 3rd Highway Policing Battalion - Rio Claro

"The Police see the importance of the Intervias School Project from two perspectives: first, due to the fact that the Highway Military Police has its resources almost entirely limited to operational duties, we faced great difficulty in developing outreach projects with the public or any of our clients, including those of school age, and the project addressed exactly what we needed to do. Thus, our participation in this project greatly benefited the institution, especially since we were fortunate to have one of our members, who has the right skills for this role and knows our institution well. The second benefit that the School Project brings is for the community and will translate into improved highway safety. Because today we have many "bad drivers," not in the sense of being bad people, but poorly trained individuals who lack awareness. These new drivers will certainly behave better on the road, even though they receive the same driver training we did. They will get into the car and come out with a much greater sense of responsibility than we had. And even as a reflection in the present, when a child nudges their father or mother driver… it helps raise awareness."



Neide Constâncio Pinheiro
Regional Director of Education of Pirassununga

"Intervias proposed an innovative partnership to the Pirassununga Education Directorate: to work directly with the students. To this end, specific actions were outlined, beginning with teacher training sessions to sensitize them to the topics, including the expansion of concepts related to traffic education. The topics initially addressed in the classrooms were later experienced "on-site" through guided visits to the company. The results were surprising; the students demonstrated through their work that the skills developed were effectively acquired; notable is the presentation of important notions about conscious pedestrian behavior in traffic, as well as the understanding of the rules and proper procedures for driver conduct. Herein lies the true success - awareness was promoted in the present, envisioning a preventive and humanizing trajectory. The actions were entrepreneurial, and we want to thank Intervias for the brilliant initiative and cooperation, encouraging other institutions and companies to also invest in what is, undoubtedly, the foundation of behavioral and procedural change: Education. In it, all investments made will still be considered insufficient, because promoting a better world is priceless."

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awards

Serious and committed work is always recognized. With the Intervias School Project, this happened very quickly. Three major awards of significance were won in just three years, including one international. These awards, promoted by entities that value education and corporate social responsibility, came to prove the effectiveness and seriousness of this project.



J. Pedro Corrêa
Volvo Traffic
Safety Program

VOLVO TRAFFIC SAFETY AWARD

More than one hundred projects competed for this award, one of the most important in the country in the field of safety. In 2002, the Intervias School Project received an Honorable Mention in the Volvo Traffic Safety Award for the excellent work carried out with the schools of the 19 municipalities in the region.

"A company only truly fulfills itself when it integrates with the community in which it lives. Intervias, among other approaches, had the ability to seek interaction with various audiences through intelligent, well-structured programs that are above all useful to the society they serve. One of them, awarded by the Volvo Traffic Safety Program, is the School Project which, in about 3 years of action, has already mobilized half a million people around traffic education and safety. In a country where a traffic culture does not exist and education is still quite incipient, an effort like this can only be celebrated and applauded. Thus, by awarding the School Project, the jury of the Volvo Traffic Safety Award simply recognized its enormous importance for the region where it is implemented, highlighting it as an example to be followed by companies—whether in the sector or not. The Volvo Program thus congratulates Intervias for the School Project, for its conception and development, and hopes that it achieves its great dream of making traffic in the entire region where it operates safer and more humane."



Lívio Giosa
Vice President of
ADVB

ADVB TOP SOCIAL AWARD

In May 2002, the Association of Sales and Marketing Managers of Brazil evaluated the School Project as a social action of high responsibility and awarded it the Top Social Award 2002. Institutions such as Ford, Petrobras, Fita, and Itaú also received the award.

"To our satisfaction, we observe that the concepts of Social Responsibility are becoming established among our companies. Social Responsibility does not materialize in acts or actions; these are effects, not causes. Above all, it is the attitude of companies like INTERVIAS and, consequently, of their executives and employees. In this attitude of a "corporate citizen," ethical conduct in relationships with its audiences (clients, suppliers, internal employees, authorities, community, and the press, among others) is a hallmark of its Corporate Culture. Being responsible, supportive, and participative is part of its habits and customs. In this way, it encourages debate and discussion and provokes reflection on these matters. Its business develops for the benefit of society, and its products and services add social value. The benefits of the "Intervias School Project" to the community are entirely tangible and serve as a reference for all those who participate in its projects."



Ederson U. B. Martins
Administrative Director of
the Quality Award

QUALITY BRASIL MERCOSUL AWARD

In 2003, the School Project received its first international recognition. It was selected and approved by the Brazilian Society of Education and Integration, established in 1969. The award is promoted by I.Q.S. International Quality Service with the objective of recognizing, distinguishing, and awarding companies for outstanding market performance, excellence in the quality of their services, and recognized contribution to the socio-economic growth of the country.

"It is recognition of the management of your organization for its outstanding market performance, distinguishing its products and services through the Intervias School Project, valuing its market presence and effectively contributing to the socio-economic and cultural development of our country. A project that promotes social well-being as a direct or indirect part of its business development strategy. We, at the Quality Award, had the pleasure of honoring you following the nomination and approval by the Brazilian Society of Education and Integration."

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I, André Vinícius Inacio Penna Mello, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.



Date: August 18, 2025.



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Projeto Escola Intervias



Adriano PC

Homenagem da Intervias - Concessionária de Rodovias do Interior Paulista - por sua inestimável contribuição ao desenvolvimento do Projeto Escola Intervias - Prêmio Top Social ADVB 2002 - e seu compromisso de educar crianças para um trânsito mais humano, pautado em valores de cidadania e respeito à vida.

Araras, 03 de julho de 2002.

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unesp
UNIVERSIDADE ESTADUAL PAULISTA
"JÚLIO DE MESQUITA FILHO"
Câmpus de Rio Claro
Instituto de Biociências
Divisão Técnica Acadêmica

Atestado IB/DTA/D n.º 183/2005

A T E S T A D O

Atestamos, a pedido do interessado e para os fins a que se destina, que **ADRIANO PERCIVAL CALVO**, RG 30.854.312-9, do Curso de Educação Física, recebeu bolsa de Extensão Universitária - "Companhia Exciton", conforme abaixo:

Períodos: **Abril a Dezembro de 2001**
Abril a Dezembro de 2002

Orientadora: **Profa. Dra. Cátia Mary Volp**
(Departamento de Educação Física - I.B.)

Rio Claro, 09 de Setembro de 2005.

Prof. Dr. AMILTON FERREIRA
Diretor

Instituto de Biociências
Avenida 24-A nº 1515 - CEP 13506-900 – Rio Claro - S.P. - Brasil.
tel 19 3526-4100 - fax 19 3534-0009 - http://www.rc.unesp.br
DTA – tel 19 3526 4103 – e-mail – dtaib@rc.unesp.br

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projeto escola INTERVIAS

Araras, 14 de outubro de 2004.

À
UNESP de Rio Claro
A/C: Cátia Mary Volpe

É com muita satisfação que compartilhamos a alegria pelo recebimento do prêmio "Motiva de Responsabilidade Social", através do selo Empresa Legal.

Promovido pelo Instituto Motiva de Educação Comunitária e Desenvolvimento Local, voltado principalmente à capacitação profissional de pessoas de baixa renda e portadores de necessidades especiais, o prêmio tem como objetivo reconhecer as ações sociais de empresas e organizações, retratando e motivando o cumprimento da legislação ambiental, social, trabalhista e tributária, princípios da declaração universal dos direitos humanos e convenções das Nações Unidas sobre os direitos da criança.

Durante esses três anos de atividades, o Projeto Escola recebeu prêmios expressivos e que marcam a sua trajetória de sucesso. Em agosto de 2003, o projeto foi premiado com o Quality Brasil Mercosul, promovido pelo Internacional Quality Service – I.Q.S., que reconhece a gestão das empresas com destacada atuação no mercado, excelência na qualidade de seus serviços e reconhecida contribuição para o crescimento sócio-econômico do país. No mês de agosto de 2002, destacou-se como Menção Honrosa – categoria Empresa – no XIII Prêmio Volvo de Segurança no Trânsito. Em junho do mesmo ano, recebeu o Top Social ADVB, da Associação dos Dirigentes de Vendas e Marketing do Brasil, graças à sua contribuição para o desenvolvimento social das comunidades com que se relaciona.

A conquista de mais este prêmio é resultado da dedicação e comprometimento de todos os integrantes do Projeto Escola. Além disso, é o reconhecimento de um trabalho sério e competente que conta com parceiros, como vocês, em constante busca por um trânsito mais humano.

Atenciosamente,

Roberto de Barros Calixto
Diretor de operações e engenharia

3º TABELIÃO DE NOTAS
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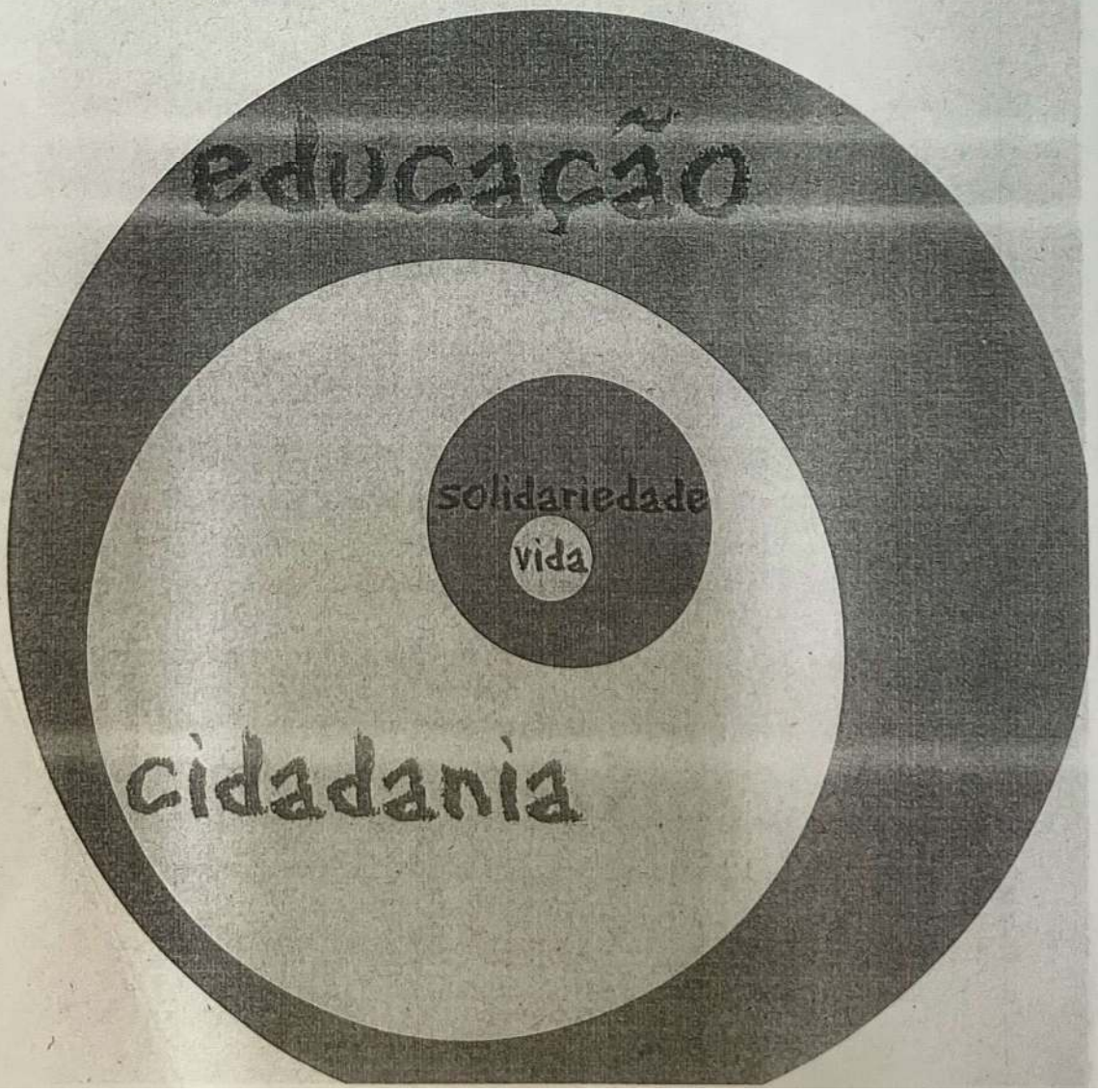
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Revista do Projeto Escola Intervias > Educar para Humanizar o Trânsito

viva

projeto escola INTERVIAS

- Conheça os trabalhos desenvolvidos pelas 29 escolas acompanhadas pelo Projeto Escola
- Trabalho reconhecido - 2 prêmios de expressão nacional e 1 internacional conquistados em apenas 3 anos
- Colaboradores da Intervias e parceiros falam da importância do Projeto Escola



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depoimentos dos parceiros da intervias



Profa Ana Maria Ap. Benassato Coser
Diretora do Departamento Municipal de Porto Ferreira

"Em 2001 tivemos grandes conquistas com a implantação do PROJETO ESCOLA INTERVIAS na E.M.E.F. "Sud Mennucci", que desenvolveu o programa: "Educar para Humanizar o Trânsito", cujo objetivo é conscientizar e sensibilizar crianças, adolescentes e adultos no mais apurado conceito de cidadania. O Programa proporcionou aos nossos alunos a mudança de postura, o interesse sobre direitos e deveres, ideais de solidariedade, responsabilidade e conscientização da implantação da importância ao respeito à vida. Os objetivos do Programa foram plenamente atingidos porque foi desenvolvido em parceria e com o apoio total da Direção, o trabalho responsável dos professores, criatividade dos alunos e comprometimento dos pais, TODOS falando sua linguagem, envolvendo-se em algo educativo, saudável e emocionante. E tenho certeza que o Programa, com suas ações concretas através das atividades realizadas, mudou o comportamento de cada cidadão em relação ao trânsito, contribuindo de forma benéfica para o município."



Catia Mery Volp
Coordenadora da CIA Éxciton

"Parabenizo o Projeto Escola Intervias pelo trabalho e vamos continuar a atuar intensamente, com mais garra, para reforçar em todos os segmentos da sociedade o nosso maior objetivo: RESPEITO À VIDA. A parceria Cia Éxciton/Projeto Escola Intervias foi e é uma experiência magnífica. A Cia Éxciton é um grupo de dança e expressão institucionalizado pelo Programa de Atividades Artístico-Culturais da Pró-Reitoria de Extensão Universitária da Unesp. Este grupo tem por metas a produção e apresentação de danças em várias instâncias incluindo performances para as escolas, no intuito de levar informação e vivência de dança ao público escolar. Ao receber o convite da Professora Maria José Finardi para integrar o Projeto Escola Intervias, a Cia recebeu o desafio de montar um espetáculo que trabalhasse afinado com os objetivos do projeto. Arte para Humanizar o Trânsito contou com recursos de luz negra, passou pelos temas de trânsito e cidadania, mostrando situações, problemas e levando mensagens que pudessem dialogar com as crianças. O contato com as escolas e as crianças foi muito gratificante. São compromissos e/ou parcerias como esta que podem favorecer a operacionalização de projetos e atender a valores educacionais."



Francisco Martins Neto
da 3M de Ribeirão Preto

"Uma parceria que traz bons frutos é aquela que acontece entre pessoas e empresas que possuem valores em comum, objetivos compartilhados e bons projetos para se lançar à ação. Este é o caso entre Intervias e 3M do Brasil. O Projeto Escola Intervias tem como meta educar gerações futuras de motoristas / cidadãos no respeito às Normas, ao meio em que vivem e aos seus semelhantes. Quando fomos convidados a participar através da doação de materiais produzidos pela 3M reconhecemos a valia desta iniciativa nas comunidades em que também nossa empresa está inserida. Este é um projeto que "faz a diferença", somos privilegiados por poder participar."



Tenente Coronel PM
Roberto Antonio Diniz
Comandante do 3º Batalhão de Policiamento Rodoviário – Rio Claro

"A Polícia vê a importância do Projeto Escola Intervias de dois lados: primeiro, pelo fato da Polícia Militar Rodoviária ter seus recursos limitados e quase 100% dos funcionários trabalhando em funções operacionais, nós tínhamos uma grande dificuldade em desenvolver projetos de aproximação com o público ou qualquer um de nossos clientes até mesmo com aqueles em idade escolar, e o projeto, veio ao encontro do que a gente precisava fazer. Então, a nossa participação neste projeto veio favorecer muito a instituição e até porque tivemos a felicidade de ter um participante nosso, que tem um jogo de cintura adequado para esta função e conhece bem a nossa instituição. O segundo benefício que o Projeto Escola traz é para a comunidade e será revertido para a segurança da rodovia. Porque hoje temos muitos "maus motoristas", não no sentido de serem pessoas ruins, são pessoas mal formadas, que não têm consciência. Esses novos motoristas certamente vão se comportar de uma forma melhor na rodovia, mesmo que eles tenham a mesma formação de condutor que nós tivemos. Eles entrarão dentro do carro e sairão com um senso de responsabilidade muito maior do que nós. E até como reflexo no presente quando o filho cutuca o pai, motorista, mãe...ajuda na conscientização."



Neide Constâncio Pinheiro
Dirigente Regional de Ensino de Pirassununga

"A Intervias propôs à Diretoria de Ensino de Pirassununga uma parceria inovadora: atuar diretamente com os educandos. Para tanto, foram traçadas ações pontuais que se iniciaram com capacitações de docentes para sensibilizá-los às temáticas, dentre as quais: a ampliação dos conceitos sobre educação para o trânsito. Os assuntos abordados inicialmente nas salas de aula, puderam depois ser vivenciados "in loco" através de visitas monitoradas à empresa. Os resultados foram surpreendentes; os alunos demonstraram por suas produções que as habilidades desenvolvidas foram efetivamente apreendidas; destaque-se a apresentação de importantes noções sobre o comportamento consciente do pedestre no trânsito, assim como a compreensão das regras e procedimentos corretos da atuação dos motoristas. Aí de fato reside o grande sucesso – promoveu-se a conscientização no presente, vislumbrando uma trajetória preventiva e de humanização. As ações foram empreendedoras e queremos agradecer à Intervias pela brilhante iniciativa e cooperação ensejando que outras instituições e empresas venham também investir no que, indiscutivelmente, é a base da mudança comportamental e procedimental: a Educação. Nela, todos os investimentos aplicados serão ainda considerados insuficientes, porque promover um mundo melhor não tem preço."

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prêmios

Um trabalho sério e comprometido sempre tem o seu reconhecimento. Com o Projeto Escola Intervias isso aconteceu muito rapidamente. Três grandes prêmios de expressão foram conquistados em apenas três anos, incluindo um internacional. Estes prêmios, promovidos por entidades que valorizam a educação e a responsabilidade social das empresas, vieram para comprovar a eficácia e a seriedade deste projeto.





J. Pedro Corrêa
Programa Volvo de Segurança no Trânsito





Lívio Giosa
Vice-Presidente da ADVB





Ederson U.B. Martins
Diretor Adm. do Prêmio Quality

PRÊMIO VOLVO DE SEGURANÇA NO TRÂNSITO

Mais de cem projetos concorreram a este prêmio, um dos mais importantes do País na área de segurança. Em 2002, o Projeto Escola Intervias recebeu Mensão Honrosa do Prêmio Volvo de Segurança no Trânsito pelo ótimo trabalho desenvolvido junto às escolas dos 19 municípios da região.

"Uma empresa só se realiza quando se integra com a comunidade com a qual convive. A Intervias, entre outros caminhos, teve a habilidade de buscar interação com vários públicos através de programas inteligentes, bem montados e, principalmente úteis à sociedade a que se destinam. Um deles, premiado pelo Programa Volvo de Segurança no Trânsito, é o Projeto Escola que em cerca de 3 anos de ação já mobilizou meio milhão de pessoas em torno da educação e segurança no trânsito. Num país onde inexiste cultura de trânsito e a educação é, ainda, algo bastante incipiente, um esforço como este só pode ser comemorado e aplaudido. Assim, ao premiar o Projeto Escola, o júri do Prêmio Volvo de Segurança no Trânsito simplesmente reconheceu sua enorme importância para a região onde é implementado, apontando-o como um exemplo a ser seguido por empresas – do setor ou não. O Programa Volvo, assim, se congratula com a Intervias pelo Projeto Escola, pela sua concepção e desenvolvimento, e espera que consiga realizar seu grande sonho, o de tornar o trânsito de toda a região onde atua mais seguro e mais humano."

PRÊMIO TOP SOCIAL DA ADVB

Em maio de 2002, a Associação dos Dirigentes de Vendas e Marketing do Brasil avaliou o Projeto Escola como uma ação social de alto nível de responsabilidade e concedeu o Prêmio Top Social 2002. Receberam também o prêmio instituições como a Ford, Petrobrás, Fiat e Itaú.

"Para nossa satisfação, observamos que os conceitos da Responsabilidade Social estão se consolidando entre nossas empresas. A Responsabilidade Social não se materializa em atos ou ações. Estes são efeito e não causa. Acima disto está a postura de empresas como a INTERVIAS e, consequentemente, de seus dirigentes e colaboradores. Nesta atitude de "empresa-cidadã", a conduta ética nos relacionamentos com seus públicos (clientes, fornecedores, colaboradores internos, autoridades, comunidade e imprensa, entre outros) é marca de sua Cultura Empresarial. Faz parte de seus hábitos e costumes ser responsável, solidária e participativa. É desta forma que estimula o debate e as questões, e provoca reflexão sobre elas. Seus negócios desenvolvem-se em benefício da sociedade, seus produtos e serviços agregam valores sociais.Os benefícios do "Projeto Escola Intervias" à comunidade são absolutamente tangíveis e servem como referência a todos aqueles que participam de seus projetos."

PRÊMIO QUALITY BRASIL MERCOSUL

O Projeto Escola recebeu em 2003 o seu primeiro reconhecimento internacional. Foi selecionado e aprovado pela Sociedade Brasileira de Educação e Integração, instituída em 1969. Ele é promovido pelo I.Q.S. Internacional Quality Service com o objetivo de reconhecer, distinguir e premiar a gestão das empresas com destacada atuação no mercado, excelência na qualidade de seus serviços e reconhecida contribuição para o crescimento sócio-econômico do País.

"É o reconhecimento na gestão da vossa organização com destacada atuação no mercado, diferenciando seus produtos e serviços, através do Projeto Escola Intervias, valorizando a atuação no mercado e contribuindo efetivamente para o desenvolvimento sócio-econômico e cultural de nosso país. Um projeto que promove o bem-estar social como parte direta ou indireta da estratégia de desenvolvimento de seus negócios. Nós, do Prêmio Quality, tivemos o prazer de premiá-los pela indicação e aprovação da Sociedade Brasileira de Educação e Integração."

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Éxciton Group of Unesp Rio Claro is awarded

By Cleber Rocha Chiquinho



The Éxciton Company is an extension project of the Institute of Biosciences at Unesp (IB), Rio Claro campus, focused on promoting cultural diffusion both within and beyond the university, using, for this, bodily expression through dance. The group began its activities in March 1994 and, in 1996, became an institutionalized group of Unesp.

The name "Éxciton", in Physics, means "electric charge transport" and significantly represents the work that the company develops. Éxciton is composed of 14 members, made up of students from IB-Rio Claro undergraduate programs. Some of them even have experience in dance, others in sports, and some in music. The goal of "Éxciton" is to work with each of these forms of expressions. The result is a varied, multidisciplinary, and rich experience.

The company's repertoire ranges from performances to full-length productions, which can be presented on traditional stages and/or in open spaces. For arena or outdoor performances, the repertoire makes use of simple sets (created by the members themselves) without the use of special lighting. For stage performances, the repertoire includes pieces using black light where the effects of fluorescent materials are explored.

Nine years after the group's creation, even with the renewal of dancers - which was inevitable - "Éxciton" has remained faithful to its initial proposal: to prioritize the freedom of body movements, shaping them with artistic plasticity.

In 2001, the company staged the performance "Art to Humanize Traffic" as part of the "Intervias School Project", aimed at promoting traffic education. The project reached schools in all cities covered by Intervias, including Conchal, Leme, Araras, Porto Ferreira, and Rio Claro.

The "Intervias School Project" received the ADVB Top Social Award in 2002 and recognized its collaborators in a ceremony held in July last year. At the time, the vice-president of ADVB (Association of Sales and Marketing Executives of Brazil) and director of the Top Social Award, Lívio Giosa, gave a lecture and congratulated the participants. "Éxciton is very proud to have contributed to this achievement" emphasized Prof. Dr. Catia Mary Volp, the project coordinator, who received a diploma symbolizing the recognition granted at the ceremony.

"Éxciton" maintains connections with the Program for Artistic and Cultural Activities (PAC), part of the Vice-President's Office of University Extension (PROEX) at Unesp in São Paulo, and with the Department of Physical Education at the Institute of Biosciences, Rio Claro campus.

Further information

Prof. Dr. Catia Mary Volp - Phone (19) 526.4160 - fax (19) 5340009

Read more:

- FO-Araçatubaholds the 23rd Academic Conference
- FCL-Assis Freshman competition contributes to the Social Solidarity Fund

I, Raphael Michels Fantinato de Moura, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Raphael Michels Fantinato de Moura. **Date: April 10, 2025.**

Grupo Éxciton da Unesp Rio Claro é premiado

Por Cleber Rocha Chiquinho



A Companhia Éxciton é um projeto de extensão do Instituto de Biociências da Unesp (IB), campus de Rio Claro, voltado para a difusão cultural dentro e fora da universidade, utilizando, para isso, recursos corporais através da dança. O grupo iniciou suas atividades em março de 1994 e, em 1996, tornou-se grupo institucionalizado da Unesp.

O nome "Éxciton", na Física, significa "transporte de carga elétrica" e representa, de forma significativa, o trabalho que a companhia desenvolve. A Éxciton é formada por 14 integrantes, compostos por alunos dos cursos do IB- Rio Claro. Alguns deles possuem inclusive experiência com dança, outros possuem experiência em esportes e alguns em música. O objetivo da "Éxciton" é trabalhar cada uma das linguagens. O resultado é uma experiência variada, multidisciplinar e rica.

A companhia possui como repertório desde performances até a apresentação de espetáculos, que podem ser apresentados em palcos e/ou arenas. Para apresentações em arenas ou espaços livres, o repertório faz uso de cenários simples (criado pelos próprios integrantes) e sem utilização de iluminação especial. Para apresentações em palco, o repertório inclui números com luz negra onde os efeitos de materiais fluorescentes são explorados.

Após 9 anos de criação do grupo, mesmo com a renovação de bailarinos - o que era inevitável - a "Éxciton" vem mantendo-se fiel a sua proposta inicial: priorizar a liberdade dos movimentos corporais, transformando-os plasticamente.

Em 2001, a companhia trabalhou com o espetáculo "Arte para Humanizar o Trânsito", como parte do "Projeto Escola Intervias", que visa a educação para o trânsito. O projeto atendeu as escolas de todas as cidades cobertas pela Intervias dentre elas Conchal, Leme, Araras, Porto Ferreira e Rio Claro.

O "Projeto Escola Intervias" conquistou o prêmio Top Social ADVB 2002 e homenageou os colaboradores no mês de julho do ano passado. Na ocasião o vice-presidente da ADVB (Associação dos Dirigentes de Vendas e Marketing do Brasil) e diretor do Prêmio Top Social, Lívio Giosa, proferiu palestra e parabenizou os presentes. "A Éxciton está muito orgulhosa de ter cooperado para esta conquista" ressaltou a Profa Dra. Catia Mary Volp coordenadora do projeto, que recebeu um diploma marcando o significado da premiação que foi entregue no momento na solenidade.

A "Éxciton" tem como pontos de contato o Programa de Atividades Artísticas Culturais (PAC), ligado à Pró-Reitoria de Extensão Universitária (PROEX) da Unesp em São Paulo e o Departamento de Educação Física no Instituto de Biociências do campus de Rio Claro.

Mais informações

Profa. Dra. Catia Mary Volp - Tel. (19) 526.4160 - fax (19) 5340009

Leia também:

- FO-Araçatuba realiza 23ª Jornada Acadêmica
- Gincana de calouros da FCL-Assis colabora com Fundo Social de Solidariedade

June 18, 2025

To Whom It May Concern,

My name is Regiane Albertini de Carvalho, and I am a Professor of Biomedical Engineering and former Academic Director at the Institute of Science and Technology (ICT) at the Federal University of Sao Paulo (UNIFESP). With over two decades of experience in higher education and scientific research, I have dedicated my career to advancing knowledge in biomechanics, low-level laser therapy, and rehabilitation sciences. I hold a Ph.D. in Biomedical Engineering, and throughout my career, I have been actively involved in research coordination, academic leadership, and international scientific collaborations. Additionally, I serve as a reviewer for prominent scientific journals and as a technical evaluator for major research funding agencies in Brazil, including FAPESP, CNPq, and CAPES. Alongside my teaching and administrative roles, I have contributed as a reviewer for prominent scientific journals and as a technical evaluator for major research funding agencies in Brazil, including FAPESP, CNPq, and CAPES. This comprehensive academic and professional background has provided me with a broad and insightful perspective on identifying individuals with extraordinary qualifications and impactful contributions to the field. Drawing on this expertise, I am pleased to provide this letter in support of Dr. Adriano Percival Calderaro Calvo's EB-1 petition.

Our professional relationship began in 2018, when Dr. Calvo joined the Institute of Science and Technology (ICT) at UNIFESP for a 10-month academic collaboration as part of an inter-institutional research partnership with the Federal University of Mato Grosso. During this period, he was fully integrated into my research group and contributed significantly to projects in human biomechanics and rehabilitation science, including studies on physical activity in athletes, quantitative methods in rehabilitation, and interventions for musculoskeletal disorders such as chronic low back pain and knee pain. His involvement encompassed co-designing study protocols, analyzing data, co-authoring manuscripts, supervising graduate students, and co-presenting research at over ten national and international conferences from 2020 to 2024, with a combined audience exceeding 6,000 professionals. Throughout this collaboration, I witnessed Dr. Calvo's outstanding technical expertise, commitment to scientific rigor, and ability to thrive in multidisciplinary academic settings.

Throughout our co-authored projects, including the *Quantitative Methods in Rehabilitation Processes* and *Physical Activity in Athletes*, Dr. Calvo's expertise in electromyographic techniques, postural analysis, and human movement kinetics has played a pivotal role in the development of innovative clinical protocols. One notable example is our 2024 publication in the international Journal of Bodywork and Movement Therapies, presenting a pragmatic, controlled, and randomized clinical trial focused on directional preference applications for chronic knee pain. This work represents a significant advancement in evidence-based physiotherapy.

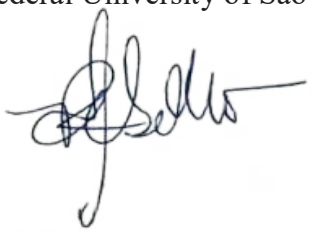
The impact of Dr. Calvo's work is further demonstrated by the widespread academic recognition our co-authored publications have received, accumulating dozens of citations in high-impact journals. His scientific excellence and collaborative spirit have contributed significantly to advancing research in human performance and rehabilitation science, both in Brazil and internationally.

Given Dr. Calvo's proven track record of scientific leadership, research innovation with great impact in our field, and academic mentorship, I have no hesitation in endorsing his EB-1 petition. I am confident that he will continue to make extraordinary contributions to the field of Human Performance and Biomechanics in the United States, further enriching the global scientific community.

Should you require any further information, please do not hesitate to contact me. E-mail: regiane.albertini@unifesp.com | Phone: +55 12 98121-1873.

Sincerely,

Regiane Albertini de Carvalho, Ph.D.
Associate Professor | Former Academic Director - Institute of Science and Technology (ICT) of the Federal University of Sao Paulo (UNIFESP)





Regiane Albertini de Carvalho

Address to access this Resume: http://lattes.cnpq.br/2515657728339113
Lattes ID: **2515657728339113**
Last resume update on 11/13/2024

Holds a bachelor degree in Physical Therapy from São Paulo State University Júlio de Mesquita Filho (1999), a master's degree in Biomedical Engineering from the University of Vale do Paraíba (2001), and a PhD in Biomedical Engineering from the University of Vale do Paraíba (2006). Currently, she is an Associate Professor at the Federal University of São Paulo (UNIFESP), São José dos Campos campus. Academic Vice-Director of ICT (Institute of Science and Technology) - UNIFESP for the 2017–2020 term. ACADEMIC DIRECTOR for the 2021–2024 term – São José dos Campos campus. Reviewer for 5 major journals and for the funding agencies FAPESP (São Paulo Research Foundation), CNPQ (National Council for Scientific and Technological Development), and CAPES (Coordination for the Improvement of Higher Education Personnel). **(Information provided by the author)**

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http://www.uninove.br/Paginas/Mestrado/Reabilitacao/reabHome.aspx

Academic Background/Degree

2003 - 2006

PhD in Biomedical Engineering.
University of Vale do Paraíba, UNIVAP,
Brazil.
Title: analysis of the mechanism of action of low-level lasers on the acute inflammatory process induced by carrageenan,
Year of completion: 2006.
Advisor: Professor Dr. Maricilia Silva Costa.

2000- 2001

Master's Degree in Biomedical Engineering.
University of Vale do Paraíba, UNIVAP, Brazil.
Title: Analysis of the Effect of Low-Level Laser (As-Ga-Al) on Acute Inflammation, Year of completion: 2001.
Advisor: Rodrigo Álvaro Brandão Lopes Martins.
Scholarship holder: São Paulo Research Foundation, FAPESP, Brazil.
Keywords: edema; inflammation; laser; pleurisy; rats.
Broad Field: Biological Sciences
Broad Field: Biological Sciences / Area: Physiology.
Sector of activity: Higher Education

1996-1999

Bachelor's Degree in Physical Therapy.
São Paulo State University Júlio de Mesquita Filho, UNESP, Brazil.

Complementary Education

2003 - 2003

Global Postural Reeducation (Workload: 400 hours).
Firval, FIRVAL, Brazil.

2001 - 2001

Higher Education Teaching Methodology. (Workload: 60 hours).
University of Vale do Paraíba, UNIVAP, Brazil.

1999 - 1999

University Extension in Physical Therapy in Sports Medicine (Workload: 440 hours).
São Paulo State University Júlio de Mesquita Filho, UNESP, Brazil.

1999 - 1999

Physical Therapy in Sports Medicine (Workload: 120 hours).
São Paulo State University Júlio de Mesquita Filho, UNESP, Brazil.

1998 - 1999

University Extension in Clinical Physical Therapy in Orthopedics and Traumatology (Workload: 440 hours).
São Paulo State University Júlio de Mesquita Filho, UNESP, Brazil.

1998 - 1998

University Extension in Physical Therapy in General Hospital (Workload: 180 hours).
São Paulo State University Júlio de Mesquita Filho, UNESP, Brazil.

Professional Experience

Federal University of São Paulo, UNIFESP, Brazil.

Institutional Affiliation

2016 - Present

Affiliation: Public Servant, Functional Position: Academic Vice-Director, Regime: Full-time dedication.

Institutional Affiliation

2014 - Present

Affiliation: Public Servant, Functional Position: Associate Professor, Workload: 40 hours, Regime: Full-time dedication.

Activities

12/2016 - Present

Direction and administration, São José dos Campos Campus.

Position or Role
Vice-Director of ICT - UNIFESP.

08/2014 - Present

Research and development, São José dos Campos Campus.

Research lines
Biomechanics

08/2014 - Present

Teaching, Biomedical Engineering, Level: Undergraduate Studies

Programs taught
Human anatomy

University Nove de Julho, UNINOVE, Brazil.

Institutional Affiliation

2014 - 2015

Affiliation: Collaborator, Functional Position: Advisor in master's and doctoral programs

I, Carolina Favero da Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.


_____ Date: August 18, 2025.



Regiane Albertini de Carvalho

Endereço para acessar este CV: http://lattes.cnpq.br/2515657728339113
ID Lattes: **2515657728339113**
Última atualização do currículo em 13/11/2024

Possui graduação em Fisioterapia pela Universidade Estadual Paulista Júlio de Mesquita Filho (1999), mestrado em Engenharia Biomédica pela Universidade do Vale do Paraíba (2001) e doutorado em Engenharia Biomédica pela Universidade do Vale do Paraíba (2006). Atualmenteé professora adjunta da Universidade Federal de São Paulo- UNIFESP- campus São José dos Campos .Vice-diretora acadêmica do do ICT_ UNIFESP quadriênio 2017-2020. DIRETORA ACADÊMICA no quadriênio 20212024- campus São José dos Campos.Revisora de 5 importantes periódicos e das agencias de Fomento Fapesp, CNPQ e Capes. **(Texto informado pelo autor)**

Identificação

Nome

Regiane Albertini de Carvalho

Nome em citações bibliográficas

ALBERTINI, R.;Albertini, Regiane;Regiane Carvalho;CARVALHO, REGIANE ALBERTINI;Albertini, R

Lattes iD

http://lattes.cnpq.br/2515657728339113

País de Nacionalidade

Brasil

Endereço

Endereço Profissional

Universidade Federal de São Paulo, Campus São José dos Campos.
Rua Talim
Jardim Aeroporto
12231280 - São José dos Campos, SP - Brasil
Telefone: (12) 981211873
URL da Homepage: http://www.uninove.br/Paginas/Mestrado/Reabilitacao/reabHome.aspx

Formação acadêmica/titulação

2003 - 2006

Doutorado em Engenharia Biomédica.
Universidade do Vale do Paraíba, UNIVAP, Brasil.
Título: analise do mecanismo de ação de laseres de baixa potência sobre o processo inflamtório aguda induzido por carragenina, Ano de obtenção: 2006.
Orientador: Profa. Dra. Maricilia Silva Costa.

2000 - 2001

Mestrado em Engenharia Biomédica.
Universidade do Vale do Paraíba, UNIVAP, Brasil.
Título: Analise do efeito do laser de Baixa Potencia (As-Ga-Al) em Inflamção Aguda, Ano de Obtenção: 2001.
Orientador: Rodrigo Alvaro Brandãp Lopes martins.
Bolsista do(a): Fundação de Amparo à Pesquisa do Estado de São Paulo, FAPESP, Brasil.
Palavras-chave: edema; inflamção; laser; pleurisia; ratos.
Grande área: Ciências Biológicas
Grande Área: Ciências Biológicas / Área: Fisiologia.
Setores de atividade: Educação Superior.

1996 - 1999

Graduação em Fisioterapia.
Universidade Estadual Paulista Júlio de Mesquita Filho, UNESP, Brasil.

Formação Complementar

2003 - 2003

Reeducação Postural Gobal. (Carga horária: 400h).
Firval, FIRVAL, Brasil.

2001 - 2001

Didática do Ensino Superior. (Carga horária: 60h).
Universidade do Vale do Paraíba, UNIVAP, Brasil.

1999 - 1999

Extensão universitária em Fisioterapia em Medicina Desportiva. (Carga horária: 440h).
Universidade Estadual Paulista Júlio de Mesquita Filho, UNESP, Brasil.

1999 - 1999

Fisioterapia Em Medicina Desportiva. (Carga horária: 120h).
Universidade Estadual Paulista Júlio de Mesquita Filho, UNESP, Brasil.

1998 - 1999

Extensão universitária em Fisioterapia clínica em Ortopedia, traumatologia. (Carga horária: 440h).
Universidade Estadual Paulista Júlio de Mesquita Filho, UNESP, Brasil.

1998 - 1998

Extensão universitária em Fisioterapia Em Hospital Geral. (Carga horária: 180h).
Universidade Estadual Paulista Júlio de Mesquita Filho, UNESP, Brasil.

Atuação Profissional

Universidade Federal de São Paulo, UNIFESP, Brasil.

Vínculo institucional

2016 - Atual

Vínculo: Servidor Público, Enquadramento Funcional: Vice- Direção Academica, Regime: Dedicação exclusiva.

Vínculo institucional

2014 - Atual

Vínculo: Servidor Público, Enquadramento Funcional: Professor Adjunto, Carga horária: 40, Regime: Dedicação exclusiva.

Atividades

12/2016 - Atual

Direção e administração, Campus São José dos Campos.

Cargo ou função
Vice- Diretora do ICT- UNIFESP.

08/2014 - Atual

Pesquisa e desenvolvimento, Campus São José dos Campos.

Linhas de pesquisa
biomecanica

08/2014 - Atual

Ensino, Engenharia Biomédica, Nível: Graduação

Disciplinas ministradas
anatomia humana

Universidade Nove de Julho, UNINOVE, Brasil.

Vínculo institucional

2014 - 2015

Vínculo: Colaborador, Enquadramento Funcional: orientador em programa de mestrado e doutorad

July 31, 2025

Dear USCIS Officer,

My name is Sebastião Gobbi, and I am a retired Full Professor from the Institute of Biosciences at Sao Paulo State University (UNESP). With more than 26 years of academic experience at this institution, I have served as a professor and research advisor at both undergraduate and graduate levels. My academic background includes a Doctorate in Kinesiology from the University of Waterloo in Canada, a master's degree in human Movement Sciences from the Federal University of Santa Maria, and a Bachelor's degree in Physical Education from the Military Police School of São Paulo. I also hold a postdoctoral title as a "Livre-Docente" from UNESP. Over the course of my career, I coordinated several community service programs, led research initiatives in the field of physical activity and aging, and published more than 130 peer-reviewed articles, 17 book chapters, and 4 full books. I also served as a board member and counselor for both the Regional and Federal Councils of Physical Education in Brazil.

Although I have not worked directly with Dr. Adriano Percival Calderaro Calvo in a professional setting in recent years, I had the opportunity to observe his early academic development when he was both an undergraduate and graduate student at UNESP between 2001 and 2007. During this period, Dr. Calvo demonstrated extraordinary academic commitment and research acumen, participating actively in scientific initiation projects and community outreach programs. He was involved in projects addressing motor development and sports pedagogy, where his leadership and dedication stood out. One of his remarkable early contributions was the co-development of educational materials and a published book on school athletics, demonstrating his strong contributions to Academia.

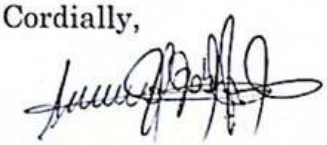
Since then, I have continued to follow Dr. Calvo's professional trajectory. His academic journey, from a master's degree focusing on Human Biodynamics to a Ph.D. in Biomedical Engineering, reflects his strong scientific engagement. His subsequent appointments as a Professor and researcher in human performance physiology, highlight his capacity for high impact, applied science. Notably, Dr. Calvo was selected to serve as a faculty member in the Brazilian Air Force's postgraduate program focused on the physical performance of aviators under extreme conditions. Furthermore, his successful postdoctoral fellowship and visiting scholar position at a medical research institution affiliated with the United States Navy demonstrate the international recognition of his background.

In short, Dr. Calvo's scientific excellence positions him among the top contributors in the fields of human physiology and biomechanics. These attributes are further evidenced by his impressive scientific impact, including 28 published articles in respected journals with over 200 citations.

Given my extensive background in physical education sciences and kinesiology, and my experience, I can state with confidence that Dr. Calvo possesses the extraordinary ability and professional standing that the EB-1 classification demands. His extensive expertise in research methodologies, longstanding commitment to higher education, and impactful work in applied human performance science collectively position him as an outstanding candidate to contribute meaningfully to the United States' academic and scientific landscape.

Please feel free to contact me should you require any additional information.

Cordially,



Sebastião Gobbi, Ph.D.
Retired Full Professor from the Institute of Biosciences at São Paulo State University (UNESP) – Rio Claro Campus
Email: s.gobbi@unesp.br Phone: +55 19 99377-2943



Sebastian Gobbi

Address to access this CV: http://lattes.cnpq.br/5384743643617207
Lattes ID: **5384743643617207**
Last updated on 05/29/2025

He holds a degree as a Physical Education Instructor from the School of Physical Education of the Military Police of the State of São Paulo (1975), a master's degree in Human Movement Science from the Federal University of Santa Maria (1987), a doctorate in Kinesiology - University of Waterloo (1996) and a free-doctorate from UNESP (2004). He taught as an adjunct professor at the São Paulo State University Júlio de Mesquita Filho (UNESP) in Rio Claro - SP, with experience in: a) teaching in undergraduate and graduate programs; b) supervisor of scientific initiation, master's and doctoral programs; c) extension as coordinator/collaborator in the projects Núcleo UNESP-UNATI, Physical Activity for the Elderly (PROFIT), Physical Activity for patients with Alzheimer's or Parkinson's diseases; d) research as coordinator of the Physical Activity and Aging Laboratory (LAFE), developing projects in the area of Physical Activity and Health, particularly on the relationship between physical activity, chronic diseases, functional capacity, and aging. CNPq productivity fellow (2008-2014). Former Advisor and member of the Board of Directors of CONFEF (National Conference on the Promotion of Social Development). Honorary member of CELAFISCS. Retired professor since March 2015. **(Text provided by the author)**

Identification

Name

Sebastian Gobbi

Name in bibliographic citations

GOBBI, Sebastian;Gobbi, S.

Lattes iD

http://lattes.cnpq.br/5384743643617207

Country of Nationality

Brazil

Address

Professional Address

São Paulo State University, Rio Claro Institute of Biosciences, Department of Physical Education. Telephone : (19) 35264349

Academic background/degree

1992 - 1996

PhD in Kinesiology .
University of Waterloo, U. WATERLOO, Canada.
Title: Blood Flow Kinetics at the Onset of Moderate Exercise in the Elderly. Year awarded: 1996.
Advisor: Prof. Dr. Michael Sharratt.
Keywords: Blood Flow; Elderly; Exercise.
Major Area: Health Sciences

1983 - 1987

Master's Degree in Human Movement Science .
Federal University of Santa Maria, UFSM, Brazil.
Title: COMPARISON BETWEEN LEARNING OF THE FOSBURY-FLOP AND HAY STYLES IN HIGH JUMP IN SCHOOLCHILDREN AGED 15 TO 17. Year Obtained: 1987.
Advisor: PROF. DR. ALUISIO AVILA.
Keywords: ATHLETICS; HIGH JUMP; HIGH JUMP STYLES.
Major Area: Health Sciences

1988 - 1989

Specialization in Theory and Research Methods in Physical Education . (Workload: 405h).
State University of Campinas, UNICAMP, Brazil.

1975 - 1975

Specialization in Sports Technique Course - Athletics .
Physical Education School of the Military Police of the State of São Paulo, EEFPMESP, Brazil.

1974 - 1975

Bachelor's Degree in Physical Education Instructor .
Physical Education School of the Military Police of the State of São Paulo, EEFPMESP, Brazil.

Associate Professorship

2004

Habilitation.
Universidade Estadual Paulista Júlio de Mesquita Filho, UNESP, Brazil.
Title: Field evaluation and effects of a generalized physical activity program on functional capacity in elderly people. Year obtained: 2004.
Major area: HeSciences

Sectors of activity: Health Care for Human Populations.

Complementary Training

2023 - 2023

ROC Curve. (Workload: 2h)
.

2021 - 2021

Stronger and Faster: Strength and Power Training for Performance. (Workload: 3h).
Study and Research Group on Metabolism, Nutrition and Exercise, GEPEMENE, Brazil.

2021 - 2021

Thematic Module Stronger and Faster: Strength and Power Training p. (Workload: 3h).
Study and Research Group on Exercise, Metabolism and Nutrition, GEPEMENE, Brazil.

2018 - 2018

Training course - prescription and monitoring of exercise in diabetes. (Workload: 13 hours).
National Association for Diabetes Care, ANAD, Brazil.

2017 - 2017

Training course - prescription and monitoring of exercise in diabetes. (Workload: 13 hours).
National Association for Diabetes Care, ANAD, Brazil.

2015 - 2015

Strategic Planning Course - Theory and Practice. (Workload: 16h).
GGestão - Consulting in Business Planning and Management, GGEStão, Brazil.

2010 - 2010

SMART NOTEBOOK Training - Digital Whiteboard. (Workload: 3h).
UNESP - São Paulo State University - IB - DEF - Rio Claro-SP, UNESP, Brazil.

2010 - 2010

Physical Exercise, Parkinson's Disease and M. Control. (Workload: 33h).
State University of Londrina, UEL, Brazil.

2009 - 2009

Physical Activity and Health. (Workload: 6h).
São Caetano do Sul Physical Fitness Laboratory Study Center, CELAFISCS, Brazil.

2008 - 2008

Cardiovascular Adaptations to Physical Exercise. (Workload: 3h).
State University of Londrina, UEL, Brazil.

2008 - 2008

Measurement and Evaluation of Physical Activity. (Workload: 3h).
State University of Londrina, UEL, Brazil.

2008 - 2008

Physical Activity in Old Age. (Workload: 3h).
State University of Londrina, UEL, Brazil.

2004 - 2004

Genética Envelhecimento e Exercício.
Sociedade Brasileira de Fisiologia do Exercício, SBFEX, Brasil.

2004 - 2004

Atividade Física e Envelhecimento.
Centro de Estudos do Laboratório de Aptidão Física de São Caetano do Sul, CELAFISCS, Brasil.

Atuação Profissional

Conselho Federal da Educação Física, CONFEF, Brasil.

Vínculo institucional

2012 - Atual

Vínculo: Conselheiro, Enquadramento Funcional: N/A

UNESP - Universidade Estadual Paulista - IB - DEF - Rio Claro-SP, UNESP, Brasil.

Vínculo institucional

2012 - Atual

Vínculo: Servidor Público, Enquadramento Funcional: Professor Adjunto II, Carga horária: 40

Vínculo institucional

2011 - 2012

Vínculo: Outro (especifique), Enquadramento Funcional: Professor Adjunto, Carga horária: 20

Faculdades Integradas de Bauru, FIB, Brasil.

Vínculo institucional

2010 - 2010

Vínculo: Colaborador, Enquadramento Funcional: Professor convidado, Carga horária: 5

Outras informações

Professor convidado para ministrar o módulo de "Atividade Física na Terceira Idade? no curso de Pós-Graduação Lacto-Sensu em Atividade Física para Grupos Especiais e Personal Training Turma IV. Totalizando de 15 horas.

Vínculo institucional

2009 - 2009

Vínculo: Professor vistante, Enquadramento Funcional: Professor convidado, Carga horária: 8

Outras informações

Professor convidado para ministrar o módulo "Atividade física para grupos especiais e personal training - turma III". Totalizando 24h - as quais foram divididas em 3 sábados.

Atividades

12/2010 - 12/2010

Ensino, Prog. Pós-grad. Lacto-Sensu - FIB, Nível: Especialização

April 15, 2025

To the United States Citizenship and Immigration Services,

I am writing this letter as Carlos Alexandre Fett, Full Professor at the Federal University of Mato Grosso, where I work both in the undergraduate Physical Education program and in the graduate program in Medicine. Throughout my career, I have been dedicated to research and the training of high-level professionals, accumulating several awards and recognitions in my field (such as the VITAFOR Award, the Honorary Coin from the BOPE, and the Productivity Fellowship in Technological Development and Innovative Extension – DT from CNPQ). Therefore, my recommendation comes with the weight of a long academic and professional trajectory, and it is with great satisfaction that I offer it in support of Dr. Adriano Percival Calderaro Calvo's Green Card petition.

I have known Dr. Calvo for many years, initially as a colleague in the undergraduate Physical Education program at the Federal University of Mato Grosso (UFMT), where we both served as professors. Later, I had the honor of being his postdoctoral supervisor in the Health Sciences program at UFMT. Over the years, I have witnessed his remarkable professional growth and his significant contributions to the fields of biomechanics and human motor behavior.

Dr. Calvo has an exemplary academic trajectory, marked by constant improvement and a pursuit of knowledge. From his undergraduate studies at Sao Paulo State University (UNESP), where he stood out in community outreach and scientific research activities, to his Ph.D. in Mechanical Engineering with an emphasis in Biomedical Engineering, he has consistently demonstrated an unwavering commitment to academic excellence.

During his education, Dr. Calvo engaged in extension and research projects, such as the Pedagogical Studies and Research Group in Athletics (GEPPA), led by Professor Dr. Sara Quenzer Matthiesen. His participation resulted in the creation of educational material on school athletics, scientific articles, and a book entitled "*Atletismo se Aprende na Escola*" (Athletics is Learned at School).

As his postdoctoral supervisor, I had the opportunity to closely follow his innovations in biomechanics. Dr. Calvo demonstrated great expertise in biomechanical instrumentation, using tools such as balance/force platforms, surface electromyography, and motion analysis systems. One of his most notable contributions was the development of an innovative insole that adjusted grip for people with disabilities, demonstrating his ability to apply theoretical knowledge into impactful and practical solutions.

Dr. Calvo collaborated on several projects I coordinated at UFMT, always showing great helpfulness, cordiality, and a strong sense of justice and correctness in his actions. His expertise was fundamental to the success of these projects, and his ability to work in a team and adapt to different contexts is remarkable.

In addition to his technical qualities, Dr. Calvo possesses personal characteristics that make him a distinguished professional. His proactivity, adaptability, professional vision, and willingness for continuous learning are qualities that set him apart and will certainly be valuable to the American community.

Dr. Calvo's trajectory demonstrates a steady progression toward deepening knowledge in the field of human motor behavior. His experience as an Assistant Professor at the Faculty of Physical Education at the Federal University of Mato Grosso and his work at the Brazilian Air Force University (UNIFA) highlight his ability to apply his knowledge in different contexts and to contribute to the training of new professionals.

Considering his multidisciplinary background and international experience, Dr. Calvo has a unique and valuable profile for the academic and professional community in the United States. His expertise in biomechanics, human motor behavior, and exercise physiology, combined with his personal qualities, make him a highly qualified professional capable of contributing across various areas such as health, sports, education, and human factors.

In view of the above, I strongly recommend Dr. Adriano Percival Calderaro Calvo for obtaining the Green Card. I am convinced that he will make significant contributions to American society and will be a valuable member of the community.

Sincerely,



gov.br
Documento assinado digitalmente
CARLOS ALEXANDRE FETT
Data: 08/07/2025 15:38:41-0300
Verifique em https://validar.iti.gov.br

Carlos Alexandre Fett, Ph.D.
Full Professor
Federal University of Mato Grosso
Av. Fernando Correa da Costa 2367, 78060-900, Cuiabá-MT, Brazil
Phone: +55 65 99221-3301
E-mail: fettcarlos@gmail.com



Carlos Alexandre Fett

Address to access this CV: http://lattes.cnpq.br/1802404946212461
Lattes ID: **1802404946212461**
Last updated on 07/07/2025

Founder of the NAFIMES Research Center, which has a registered trademark by UFMT, Productivity in Technological Development and Innovative Extension - DT, associate professor level 4 of the Faculty of Physical Education, coordinator of the master's degree in Physical Education (2016-2019), supervises the doctorate in Health Sciences and the master's degree in Technological Innovation PROFNIT at the Federal University of Mato Grosso. Master in Biological Sciences (Cellular and Molecular Biology) from the São Paulo State University Júlio de Mesquita Filho (2000) and PhD in Medicine (Clinical Medicine) from the University of São Paulo (2005); Fellow at the Washington University School of Medicine St. Louis (USA), in studies of metabolism and chronic diseases, with an emphasis on obesity, AIDS aging and Post-Doctorate from the Federal University of Rio de Janeiro in Sports Nutrition in high-performance athletes. He has experience in Physical Education, with an emphasis on resistance training and combat sports, focusing on the following topics: body composition, muscle hypertrophy, energy metabolism, sports nutrition, and anti-aging technologies. He is a former athlete and director of Judo, Kickboxing, Jiu-Jitsu, Tae Kwon-Do, and Boxing. He is a Brazilian Jiu-Jitsu and Kickboxing Champion and Brazilian Judo Runner-up, having competed in the US Open Judo Championship. **(Text provided by the author)**

Identification

Name

Carlos Alexandre Fett

Name in bibliographic citations

Fett, Carlos Alexandre;Fett Carlos;Carlos Alexandre Fett;Fett CA;FETT, CA;ALEXANDRE FETT, CARLOS;ALEXANDREFETT, CARLOS;FETT, CARLOS A.;FETT, CARLOS;CARLOS ALEXANDRE, FETT

Lattes iD

http://lattes.cnpq.br/1802404946212461

Orcid iD

? https://orcid.org/0000-0002-7522-7985

Country of Nationality

Brazil

Address

Professional Address

Facebook: cafett@hotmail.com

Federal University of Mato Grosso, Office of the Vice-Rector for Education and Undergraduate Studies, Department of Physical Education, Sports Center.
Av. Fernando Correa da Costa, University Campus - Coxipó - Sports Center
Coxipó
78068900 - Cuiabá, MT - Brazil
Phone: (65) 36153380
Ext.: 23
Fax: (65) 36158838
Homepage URL: http://www.ufmt.br

Social media

Academic background/degree

2001 - 2005

Doctorate in Medicine (Clinical Medicine) .
University of São Paulo, USP, Brazil.
Title: "Nutritional metabolic assessment of obese women at baseline and after treatment with a hypocaloric diet and circuit training or walking" , Year obtained: 2005. Advisor: Júlio Sérgio Marchini. Scholarship holder from: Coordination for the Improvement of Higher Education Personnel, CAPES, Brazil. Keywords: Doctorate; obesity; calorimetry; Anthropometry; blood biochemistry; physical conditioning. Major Area: Health Sciences Major Area: Health Sciences / Area: Medicine / Subarea: Clinical Medicine / Specialty: Health and Performance. Major Area: Health Sciences / Area: Nutrition / Subarea: Nutrition Biochemistry / Specialty: Nutrition Biochemistry. Sectors of activity: Personal Health Care; Nutrition and Food; Health Care of Human Populations.

1998 - 2000

Master's Degree in Biological Sciences (Cellular, Molecular Biology, and Microbiology) .
São Paulo State University Júlio de Mesquita Filho, UNESP, Brazil.
Title: Body composition, strength gain, and response to exhaustion during hypertrophic training in the presence of W-3 fatty acid or medium-chain triglyceride supplementation. Year of Completion: 2001.
Advisor: Robert[illegible]arlos Burini.

Scholarship holder from: Coordination for the Improvement of Higher Education Personnel, CAPES, Brazil.
Keywords: master's degree.
Major Area: Biological Sciences.

1997 - 1998

Specialization in Medicine . (Workload: 360h).
Brazilian Medical Association of Oxidology, AMBO, Brazil.
Title: Incidence of dysbiosis in long-distance runners.
Advisor: Miguel M Naveira.

1989 - 1990

Specialization in Physical Preparation Science . (Workload: 390h).
Realengo Educational Center Integrated Colleges Castelo Branco, FICAB, Brazil.
Title: Comparison of body composition of women practicing gym or swimming.
Advisor: Kenji Kido.

2003 - 2003

Improvement Through An IAEA Fellowship - Nutritional and Health . (Workload: 960h).
Washington University in Saint Louis, WUSTL, United States.
Title: Nutritional and Health-Related Environmental Studies. Year of completion: 2003.
Advisor: Kevin Yarasheski.
Scholarship holder from: International Atomic Energy Agency, IAEA, Austria.

1983 - 1987

Bachelor's Degree in Physical Education .
Federal University of Mato Grosso, UFMT, Brazil.

2000 - 2000

Curso técnico/profissionalizante em Suplementos Nutricionais Aplicações Práticas Em Es.
International School Of Sports Nutrition And Human Performance, ISSNHP, Brasil.

1996 - 1996

Curso técnico/profissionalizante em Alimentação Esportiva Avançada.
International School Of Sports Nutrition And Human Performance, ISSNHP, Brasil.

1994 - 1994

Curso técnico/profissionalizante em Drogas no Esporte e Testes Antidoping.
International School Of Sports Nutrition And Human Performance, ISSNHP, Brasil.

1979 - 1982

Ensino Médio (2º grau).
Colégio Salesiano São Gonçalo, CSSG, Brasil.

Pós-doutorado

2012 - 2016

Pós-Doutorado.
Universidade Federal do Estado do Rio de Janeiro, UNIRIO, Brasil.
Bolsista do(a): Coordenação de Aperfeiçoamento de Pessoal de Nível Superior, CAPES, Brasil.
Grande área: Ciências da Saúde

Formação Complementar

2023 - 2023

1st Sambo Master Degree. (Carga horária: 24h).
International Sambo Federation, FIAS, Rússia.

2019 - 2019

Instrutor Tiro com Arco Nível I. (Carga horária: 20h).
Confederação Brasileira de Tiro com Arco, CBTARCO, Brasil.

2018 - 2018

Construção de Portfólios Tecnológicos Estratégicos Utilizando Inteligência. (Carga horária: 24h).
Universidade Federal de Mato Grosso, UFMT, Brasil.

2017 - 2017

Gestão da Inovação: Conceitos e Aplicaçãoes de Transferência de Tecnologia. (Carga horária: 16h).
Instituto Federal de Educação Ciência e Tecnologia de Mato Grosso, IFMT, Brasil.

2012 - 2012

Curso Caixa de Formação de Oficiais de Controle do. (Carga horária: 17h).
Confederação Brasileira de Atletismo, CBAT, Brasil.

2003 - 2003

Intensive English Program 105 Level. (Carga horária: 160h).
Els Language Center, ELS, Estados Unidos.

1996 - 1996

Seminário Internet Comercial. (Carga horária: 4h).
Serviço Brasileiro de Apoio Às Micro e Pequenas Empresas, SEBRAE, Brasil.

1996 - 1996

Oratória a Arte de Falar Em Público. (Carga horária: 16h).
Serviço Brasileiro de Apoio Às Micro e Pequenas Empresas, SEBRAE, Brasil.

1981 - 1983

Inglês. (Carga horária: 200h).
Instituto de Idiomas Yázigi, YÁZIGI, Brasil.

Atuação Profissional

Instituo Cuiabano de Educação, ICE, Brasil.

Vínculo institucional

2007 - 2010

Vínculo: Colaborador, Enquadramento Funcional: Professor de Pós-Graduação, Carga horária: 2

Outras informações

Professor dos módulos de Pós-Graduação Lato Senso em: Gestão do treinamento e da performance desportiva, nas disciplinas de: Anatomia aplicada a educação física; Bioenergética; Treinamento aeróbio e anaeróbio; hidratação, antioxidantes e drogas.

Universidade Federal de Mato Grosso, UFMT, Brasil.

Vínculo institucional

1997 - Atual

Vínculo: Servidor Público, Enquadramento Funcional: Professor efetivo, Adjunto 4, Carga horária: 40, Regime: Dedicação exclusiva.

Atividades

Exhibit E: Petitioner's authorship of scholarly articles in the field, in professional or major trade publications.

RGSA – Journal of Social and Environmental Management
ISSN: 1981-982X
Submission date: 11/11/2024
Acceptance date: 01/13/2025
DOI: https://doi.org/10.24857/rgsa.v19n1-096
Organization: Interinstitutional Scientific Committee
Chief Editor: Ana Carolina Messias de Souza Ferreira da Costa
Assessment: Double Blind Review pelo SEER/OJS

HYPOXIA PROTOCOLS IN A NORMOBARIC ENVIRONMENT FOR AVIATORS: A SCOPING REVIEW

Tainah de Paula[1]
Debora Fernanda Haberland [2]
Adriano Percival Calderaro Calvo[3]
Fábio José de Almeida Guilherme[4]
André Brand Bezerra Coutinho[5]
Domenica Baroni Coelho de Oliveira Ferreira[6]
Thiago Teixeira Guimarães[7]

ABSTRACT

Objective: Identify the protocols used in normobaric hypoxia and the main symptoms in that context.

Theoretical Framework: Hypoxia, particularly hypoxic hypoxia, is a critical challenge in aviation, caused by reduced atmospheric pressure at high altitudes. Controlled hypoxia training allows aviators to recognize symptoms, assess the time of useful consciousness, and practice emergency responses. This study synthesizes key parameters in normobaric hypoxia training, addressing gaps in oxygen concentrations, exposure times, and symptom monitoring.

Method: Systematic electronic searches were conducted in MEDLINE and Embase databases. Inclusion criteria required original studies involving aircraft crews, descriptions of gas mixtures used for altitude simulation, and details of simulated altitudes during training.

Results and Discussion: From 295 identified articles, eight met the inclusion criteria. Sample sizes ranged from 8 to 89 participants, predominantly male. Protocols varied widely, with O_2 concentrations of 6%, 7%, and 8% frequently used to simulate altitudes of 25,919 feet (7,900 m) to 20,341 feet (6,200 m). Considerable heterogeneity was found in protocols for the same simulated altitude, likely due to differences in equipment calibration. Continuous exposure periods of three to five minutes were common, and diverse hypoxia symptoms were reported, emphasizing the importance of symptom recognition for operational safety.

Research Implications: This study offers practical insights for standardizing hypoxia training protocols, enhancing safety procedures, and developing guidelines for normobaric environments.

Originality/Value: By synthesizing hypoxia training parameters, this research highlights the need for protocol standardization to ensure aviator safety and operational efficiency.

Keywords: Oxygen, Gas Concentration, Altitude, Pilots, Fatigue.

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HYPOXIA PROTOCOLS IN A NORMOBARIC ENVIRONMENT FOR AVIATORS: A SCOPING REVIEW

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Thiago Teixeira Guimarães[7]

ABSTRACT

Objective: Identify the protocols used in normobaric hypoxia and the main symptoms in that context.

Theoretical Framework: Hypoxia, particularly hypoxic hypoxia, is a critical challenge in aviation, caused by reduced atmospheric pressure at high altitudes. Controlled hypoxia training allows aviators to recognize symptoms, assess the time of useful consciousness, and practice emergency responses. This study synthesizes key parameters in normobaric hypoxia training, addressing gaps in oxygen concentrations, exposure times, and symptom monitoring.

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Keywords: Oxygen, Gas Concentration, Altitude, Pilots, Fatigue.

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Pain and Lumbar Muscle Activation before and after Functional Task in Nonspecific Chronic Low Back Pain

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***Abstract*—**Individuals with non-specific chronic low back pain may present altered movement patterns during functional activities. However, muscle behavior before and after performing a functional task with different load conditions is not yet fully understood. The aim of this study is to analyze lumbar muscle activity before and after performing the functional task of picking up and placing an object on the ground (with and without load) in individuals with nonspecific chronic low back pain. 20 subjects with nonspecific chronic low back pain and 20 healthy subjects participated in this study. A surface electromyography was performed in the ilio-costal, longissimus and multifidus muscles to evaluate lumbar muscle activity before and after performing the functional task of picking up and placing an object on the ground, with and without load. The symptomatic participants had greater lumbar muscle activation compared to the asymptomatic group, more evident in performing the task without load, with statistically significant difference ($p = 0,033$) between groups for the right multifidus muscle. This study showed that individuals with nonspecific chronic low back pain have higher muscle activation before and after performing a functional task compared to healthy participants.

***Keywords*—**Chronic low back pain, functional task, lumbar muscles, muscle activity.

I. Introduction

LOW back pain is the leading cause of disability worldwide, associated with physical disability, absenteeism at work and high socioeconomic costs becomes a major public health problem [1].

Individuals with chronic low back pain may present several changes in the movement pattern such as increased trunk stiffness [2]. Elevated muscle activity in the trunk increases the load on the structures of the spine, which although beneficial in the short term, can increase the risk of long-term injury [3]. This condition provides a pathophysiological mechanism that affects the functional movements of the trunk performed in daily life and increases the likelihood of subsequent episodes of low back pain [4].

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Muscle behavior before and after performing a functional task with different load conditions in individuals with chronic low back pain is not yet fully understood. Thus, its identification and quantification can help clarify the relationship between neuromuscular insufficiencies and recurrent episodes of pain and thus result in more targeted and effective interventions for the clinical improvement of patients.

II. Methods

A. Participants

40 volunteers were divided into symptomatic group (12 women and 8 men) formed by individuals with history of low back pain that may or may not be accompanied by lower limb pain with symptoms for at least 12 weeks, and asymptomatic control group (12 women and 8 men) formed by participants without history of painful experience in the lumbar spine [5]. All volunteers who were unable to pick up and place a light/ moderate load on the floor, who had a history of cancer in the past five years, an unconsolidated fracture of the spine and or lower limbs, a diagnosis of inflammatory disease or infections in the spine, uncontrolled hypertension, unstable cardiac pathology, neurological deficits or were pregnant were excluded from the study [6]. In the sample selection process, only one individual was excluded from the research due to sensory alteration in the inguinal region. All volunteers filled out the Inclusion Protocol (sociodemographic, anthropometric and exclusion criteria form) and signed the Informed Consent Form to participation to research.

This study was approved by the Research Ethics Committee and is in accordance with the guidelines of the Declaration of Helsinki.

B. Experimental Procedure

To verify trunk muscle activity, all participants underwent surface electromyography (EMG-800C; EMG System, SP, Brazil) with 8-channel amplifier and 2000 Hz sampling rate (A/D: 16 bits; gain: 2000; bandpass [20-500 Hz]; rejection > 100 dB). Was used bipolar Ag/AgCL surface electrodes (2223BRQ; 3M, SP, Brazil), square format (25 mm x 25 mm), disposable and hypoallergenic.

After cleansing, hair removal and skin exfoliation, the electrodes were placed bilaterally on the longissimus muscles (LO), ilio-costal (IC) and lumbar multifidus (MU) according to the SENIAM guidelines [7]. Electrogoniometers (EMG System do Brazil®) were placed on the hip of the volunteer in

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Original Article

Qualidade da escrita: Intervenção baseada na variação da produção de força dos dedos[1]

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Resumo: A dificuldade em produzir escrita proficiente muitas vezes pode ser detectada desde a infância. Do ponto de vista do controle motor, a escrita não proficiente pode estar vinculada à dificuldade de ativar adequadamente as sinergias motoras que dão suporte a essa habilidade. Assim, impor diferentes demandas de controle às sinergias motoras dos dedos pode proporcionar melhora na qualidade da escrita. O objetivo deste estudo foi verificar os efeitos de um programa de intervenção, para crianças com dificuldades na escrita, composto por atividades manipulativas e pré-caligráficas que estimulam as sinergias motoras dos dedos por meio de diferentes demandas na produção de força. Trinta e quatro crianças, de 7 a 12 anos de idade, participaram do estudo. A qualidade da escrita foi avaliada pelo *Minnesota Handwriting Assessment*. Somente o grupo experimental, formado por 18 crianças, foi submetido ao programa de intervenção desenvolvido em 27 sessões, tendo cada sessão duração aproximada de 30 minutos. Os resultados indicam que o programa de intervenção proposto, baseado na variabilidade da demanda de produção de força, teve efeito positivo na qualidade da escrita, principalmente com relação ao tamanho das letras.

Palavras-chave: *Sinergias Motoras, Dificuldade na Escrita, Transtorno do Desenvolvimento da Coordenação, Intervenção.*

Quality of handwriting: Intervention based on the variation of finger force production

Abstract: Difficulties in the production of proficient handwriting can be detected early in childhood. From the control point of view, non-proficient handwriting can be explained by the difficulty in adequately activating motor synergies that give support to this motor skill. Therefore, imposing different demand on the control to the motor synergies of the fingers can generate improvement in the quality of handwriting. The goal of the present study was to verify the effects of an intervention program for children with handwriting difficulties, composed of manipulative and pre-calligraphic activities that stimulate finger motor synergies through different force production demands. Thirty-four children between 7 and 12 years of age participated in the present study. Handwriting quality was evaluated through the Minnesota Handwriting Assessment. Only the experimental group (n=18) was submitted to the intervention program developed throughout 27 sessions of 30 minutes each. The results indicate that the intervention program based on the variability of force production had a positive effect on the quality of handwriting, mainly in terms of the size of letters.

Keywords: *Motor Synergies, Difficulty in Writing, Developmental Coordination Disorder, Intervention.*

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Artigo Original

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Resumo: A dificuldade em produzir escrita proficiente muitas vezes pode ser detectada desde a infância. Do ponto de vista do controle motor, a escrita não proficiente pode estar vinculada à dificuldade de ativar adequadamente as sinergias motoras que dão suporte a essa habilidade. Assim, impor diferentes demandas de controle às sinergias motoras dos dedos pode proporcionar melhora na qualidade da escrita. O objetivo deste estudo foi verificar os efeitos de um programa de intervenção, para crianças com dificuldades na escrita, composto por atividades manipulativas e pré-caligráficas que estimulam as sinergias motoras dos dedos por meio de diferentes demandas na produção de força. Trinta e quatro crianças, de 7 a 12 anos de idade, participaram do estudo. A qualidade da escrita foi avaliada pelo *Minnesota Handwriting Assessment*. Somente o grupo experimental, formado por 18 crianças, foi submetido ao programa de intervenção desenvolvido em 27 sessões, tendo cada sessão duração aproximada de 30 minutos. Os resultados indicam que o programa de intervenção proposto, baseado na variabilidade da demanda de produção de força, teve efeito positivo na qualidade da escrita, principalmente com relação ao tamanho das letras.

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RELIABILITY OF AN ISOMETRIC TEST FOR MEASURING THE STRENGTH OF THE HIP ABDUCTORS AND ADDUCTORS

CONFIABILIDADE DE UM TESTE ISOMÉTRICO PARA MEDIR A FORÇA DE ABDUTORES E ADUTORES DE QUADRIL

Manoella Regina de Souza SILVA[1]; Thiago Keitiney Souza Teixeira DA SILVA[2]; Valdemi Xavier DELMONDES JUNIOR[3]; Silvia Ribeiro Santos ARAÚJO[4]; Adriano Percival Calderaro CALVO[5]; Jacielle Carolina FERREIRA[6]

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ABSTRACT: This study aimed to measure the reliability of a test for measuring the strength and strength imbalance of the hip abductors and adductors, using isokinetic equipment adapted for isometric testing. Thirteen healthy, physically active male individuals took part in the research. Two unilateral isometric tests were undertaken using a load cell attached to an adapted abductor bench machine: a hip abduction test and hip adduction test. Tests consisted of two maximum voluntary isometric contractions made for six seconds with a break of one minute between each. The following dynamic variables were measured: maximum force, mean force, rate of force development for each limb (right and left), and the existence of asymmetries between the limbs. For statistical analysis, the t-test, intraclass correlation coefficient (ICC), and standard error of measurement (SEM) were applied. Results: The methodology utilized for the evaluation of the hip abductors and adductors did not show reliability in most of the parameters researched, with the ICC neither sufficient or low, and the retest performance higher than the test ($p < 0.05$). The applied test was not reliable for assessing strength and strength imbalances of hip abductors and adductors in most of the parameters investigated. These results indicate that the hip joints, more precisely, the abductor and adductor muscles, are complex structures to be assessed. They need to be previously familiarized with the proposed exercise, as their performance does not occur habitually. It is recommended to develop new tests in order to measure hip abduction and adduction strength adding a prior familiarization procedure.

KEYWORDS: Isometry. Load Cell. Muscle Strength Dynamometer. Intraclass Correlation Coefficient.

INTRODUCTION

Muscle imbalances are alterations in the recruitment of one or more muscles in a given movement, which can generate dysfunction and contribute to the emergence of functionally disabling pathologies (SAHRMANN, 2002). These changes may occur either between agonists and antagonists or between the dominant and non-dominant limbs, and are among the reasons mentioned in the literature as potential causes of muscular injuries and decreases in performance (MAGALHÃES et al., 2004).

It is known that strength imbalance acts statically and dynamically over joints and may surge as a result of the standard of use in daily activities and sports, resulting from developing a specific musculature according to the overload applied. These muscular specializations might initiate posture and mechanical joint changes, in addition to overloading musculo tendinous structures around the joints (PANNI et al., 2002; SIQUEIRA et al., 2002). Besides the imbalance of strength on the same joint (agonist–antagonist), there is the imbalance that affects the homologous limbs (right–left), commonly named as lateral asymmetry of strength. This type of imbalance is linked specifically to side preference, a human characteristic understood as the predisposition to choosing a limb in relation to the homologous contralateral to perform motor actions (WITVROUW et al., 2003).

Lateral asymmetry is present in almost every movement we perform daily and is defined as side-to-side differences in strength, flexibility, mobility and neural control (MITCHELL et al., 2016). McCurdy et al. (2006) suggest that one of the causes of these discrepancies is performances that

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ORIGINAL ARTICLE

Physical and functional aspects of persons with multiple sclerosis practicing Tai-Geiko: randomized trial

Viviane Regina Leite Moreno Ultramari,[I,*] **Adriano Percival Calderaro Calvo**,[II] **Rosilene Andrade Silva Rodrigues**,[I] **Waléria Christiane Rezende Fett**,[I] **Jose Urias de Moraes Neto**,[I] **Almir de França Ferraz**,[III] **Michelle Jalousie Kommers**,[I] **Heloise Helena Siqueira Borges**,[I] **Michell Vetoraci Viana**,[III] **Monica Cattafesta**,[IV] **Luciane Bresciani Salaroli**,[IV] **Carlos Alexandre Fett**[I]

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OBJECTIVES: This study aimed to verify the influence of Tai-Geiko on the physical and functional aspects of people with multiple sclerosis (MS).

METHODS: This was a parallel-group, randomized trial with two arms. People with MS were allocated to an experimental group (EG) (n=10) and control group (CG) (n=09). The participants received multidisciplinary care supervised by a physiotherapist in the Tai-Geiko exercise. Participants underwent the assessments after the intervention. The Expanded Disability Status Scale (EDSS-maximum score of 6.0), strength test (kgf) using a dynamometer, Timed Up and Go mobility test (TUG), and stabilometric balance test (Platform EMG system®) were evaluated. Demographic data were recorded, including age, sex, comorbidities, lifestyle and classification of MS. Clinical Trials (ReBeC): RBR-4sty47.

RESULTS: The EG group improved in 12 variables, and the CG improved in 3 variables. The following values were obtained for pre/postintervention, respectively: EG: lumbar force (38/52 kgf), TUG (11/9 s), locomotion velocity (519/393 ms); double task two (53/39 s); platform stabilometric trajectory: traversed get up (39/26 s) and sit (45/29 s); anteroposterior (AP) amplitude rise (11/8 cm) and sit (12.40/9.94 cm) and anteroposterior frequency rise (1.00/1.56 Hz) and sit (0.8/1.25 Hz) ($p<0.05$); CG: right-hand grip force (26/29 kgf); TUG (9.8 /8.7 s) and AP (11.84 /9.53 cm) stabilometric amplitude at the sitting moment ($p<0.05$), (3.2/5.99 Hz, p=0.01) and sit (3.47/5.01 Hz, p=0.04).

CONCLUSION: Tai-Geiko practice can be suggested as complementary exercise in the rehabilitation of persons with MS.

KEYWORDS: Muscular Strength; Postural Balance; Tai-Geiko.

INTRODUCTION

Multiple sclerosis (MS) is a chronic and progressive disease that affects the central nervous system (CNS) and is characterized as a demyelinating and inflammatory axon injury (1-3); it is more common in women, especially in middle-aged women, than in men (4,5). The World Health Organization (WHO) (6) considers MS to be a public health problem since it has a high-cost treatment, high disability rate, and premature mortality. It is estimated that there are 2.5 million people with MS in the world, and in Brazil, it is considered a rare disease with a low prevalence, affecting approximately 13,000 Brazilians with MS disease under treatment (7,8).

The etiology of MS is still unknown; the genetic predisposition associated with environmental exposures increases the number of T lymphocytes in the bloodstream, which deregulates the immune process (9). In the initial phase of MS, the myelin sheath deteriorates, which triggers a progressive interruption of the electrical impulses (3) and leads to a neurological incapacity. Thus, movements are altered due to the decrease in muscle strength and balance, making the basic movements in daily living difficult and compromising the quality of life (10). Thus, it is of the utmost importance that people with MS be oriented and encouraged to maintain a healthy lifestyle to avoid falls and exclusion from social life and from activities that require physical effort (11-13).

Tai-Geiko is an Eastern Bioenergetic Gymnastics program that seeks to work the human organism in a holistic way,

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OBJECTIVES: This study aimed to verify the influence of Tai-Geiko on the physical and functional aspects of people with multiple sclerosis (MS).

METHODS: This was a parallel-group, randomized trial with two arms. People with MS were allocated to an experimental group (EG) (n=10) and control group (CG) (n=09). The participants received multidisciplinary care supervised by a physiotherapist in the Tai-Geiko exercise. Participants underwent the assessments after the intervention. The Expanded Disability Status Scale (EDSS-maximum score of 6.0), strength test (kgf) using a dynamometer, Timed Up and Go mobility test (TUG), and stabilometric balance test (Platform EMG system®) were evaluated. Demographic data were recorded, including age, sex, comorbidities, lifestyle and classification of MS. Clinical Trials (ReBeC): RBR-4sty47.

RESULTS: The EG group improved in 12 variables, and the CG improved in 3 variables. The following values were obtained for pre/postintervention, respectively: EG: lumbar force (38/52 kgf), TUG (11/9 s), locomotion velocity (519/393 ms); double task two (53/39 s); platform stabilometric trajectory: traversed get up (39/26 s) and sit (45/29 s); anteroposterior (AP) amplitude rise (11/8 cm) and sit (12.40/9.94 cm) and anteroposterior frequency rise (1.00/1.56 Hz) and sit (0.8/1.25 Hz) ($p<0.05$); CG: right-hand grip force (26/29 kgf); TUG (9.8 /8.7 s) and AP (11.84 /9.53 cm) stabilometric amplitude at the sitting moment ($p<0.05$), (3.2/5.99 Hz, p=0.01) and sit (3.47/5.01 Hz, p=0.04).

CONCLUSION: Tai-Geiko practice can be suggested as complementary exercise in the rehabilitation of persons with MS.

KEYWORDS: Muscular Strength; Postural Balance; Tai-Geiko.

INTRODUCTION

Multiple sclerosis (MS) is a chronic and progressive disease that affects the central nervous system (CNS) and is characterized as a demyelinating and inflammatory axon injury (1-3); it is more common in women, especially in middle-aged women, than in men (4,5). The World Health Organization (WHO) (6) considers MS to be a public health problem since it has a high-cost treatment, high disability rate, and premature mortality. It is estimated that there are 2.5 million people with MS in the world, and in Brazil, it is considered a rare disease with a low prevalence, affecting approximately 13,000 Brazilians with MS disease under treatment (7,8).

The etiology of MS is still unknown; the genetic predisposition associated with environmental exposures increases the number of T lymphocytes in the bloodstream, which deregulates the immune process (9). In the initial phase of MS, the myelin sheath deteriorates, which triggers a progressive interruption of the electrical impulses (3) and leads to a neurological incapacity. Thus, movements are altered due to the decrease in muscle strength and balance, making the basic movements in daily living difficult and compromising the quality of life (10). Thus, it is of the utmost importance that people with MS be oriented and encouraged to maintain a healthy lifestyle to avoid falls and exclusion from social life and from activities that require physical effort (11-13).

Tai-Geiko is an Eastern Bioenergetic Gymnastics program that seeks to work the human organism in a holistic way,

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The application of directional preference for chronic non-specific knee pain: A pragmatic, controlled, randomized clinical trial ☆, ☆☆

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Abstract

Functional disability and chronic knee pain are frequent in combats sports participants. The McKenzie Method of Mechanical Diagnosis and Therapy (MDT) is a system for specific function examination and intervention for spinal and extremity musculoskeletal disorder. This clinical trial aimed to investigate the effectiveness of MDT, through Directional Preference, for specific function disability in Brazilian Jiu-Jitsu practitioners (BJJPs) experiencing chronic non-specific knee pain.

Methods

Sixty-five BJJPs with chronic non-specific knee pain were evaluated and classified according to the MDT system. Following classification, 28 BJJPs were randomized pairwise into intervention (IG) and control (CG) groups. The procedures were consistent with the principles of DP and the intervention period was 6 weeks and follow up was included. The primary outcome was specific functional disability evaluated using the Patient Specific Function Scale (PSFS) and the secondary outcomes were pain intensity and fear-avoidance in utilizing the symptomatic limb. Data were analyzed with a two-way analysis of variance (ANOVA) and repeated measures for the outcome factor were performed ($p<0.05$).

Results

For the specific functional disability, ANOVA revealed significant differences between groups based on group interaction and treatment factors ($F(2, 52)$: 162,015; $p<0.001$; η^2: 0.208). The BJJPs allocated to the IG achieved significant improvements in specific functional disability, a mean difference of −4.36 (−5.01 to −3.72) post-interventional and −4.80 (−6.07 to −3.53) follow-up in the PSFS. Improvements in pain intensity and fear-avoidance were also achieved post-intervention and follow-up.

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Relación entre práctica de musculación y fuerza de prensión manual de atletas de jiu-jitsu brasileño

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Relação entre prática de musculação e força de preensão manual de atletas de jiu-jitsu brasileiros

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Resumen

Este estudio tiene como objetivo comparar la fuerza de prensión manual entre atletas de jiu-jitsu brasileño (JJB) que practican musculación y aquellos que no lo practican, explorando índices de fuerza que evalúen la máxima fuerza y la resistencia, así como sus respectivas asimetrías. La muestra incluyó 22 atletas masculinos de JJB, separados en dos grupos según su entrenamiento: practicantes de musculación (PM) y no practicantes (NPM). Ambos grupos se sometieron a una prueba isométrica de presión manual, aplicando 30 segundos de máxima fuerza con un dinamómetro (EMG System do Brasil®). Los datos se procesaron en Matlab® para obtener índices de fuerza: fuerza máxima (Fmáx), media (Fmed) e índice de fatiga (IF). Se utilizó la prueba t de Student para el análisis. No hubo diferencias significativas en la Fmáx de mano derecha (35,08 ± 5,30 y 32,75 ± 7,33; p=0,14), mano izquierda (30,77 ± 6,31 y 29,57 ± 7,32; p=0,35) y asimetría (13,11±10,67 y 11,98 ± 9,85; p=0,78) entre PM y NPM. Los valores de IF tampoco difirieron (derecha: 30,48 ± 18,89 y 36,48 ± 11,62, p=0,36; izquierda: 35,72 ± 12,99 y 35,13 ± 13,17, p=0,95); excepto para asimetría (22,67 ± 13,29 y 44,69 ± 28,45; p=0,02). El entrenamiento con pesas en practicantes de JJB no aumenta significativamente la fuerza máxima de prensión manual, pero reduce la asimetría en miembros contralaterales para el índice de fatiga.

Palabras clave: Deportes de combate. Índice de fatiga. Asimetría. Jiu-jitsu basileño.

Abstract

This study compares handgrip strength among Brazilian jiu-jitsu (BJJ) athletes with and without weight training, examining its impact on endurance and asymmetry. The sample comprised 22 male BJJ athletes, divided into two groups based on their training: weight training practitioners (WT) and non-weight training practitioners (NWT). Both groups underwent an isometric handgrip strength test, applying 30 seconds of maximum force using a traction/compression dynamometer (EMG System do Brasil®). Data were processed in Matlab® to obtain strength indices: maximum force (Fmax), mean force (Fmed), and fatigue index (FI). Student's t-test was used for analysis. No significant differences were found in right-hand Fmax (35.08 ± 5.30 and 32.75 ± 7.33; p=0.14), left-hand Fmax (30.77 ± 6.31 and 29.57 ± 7.32; p=0.35), or asymmetry (13.11±10.67 and 11.98 ± 9.85; p=0.78) between WT and NWT. FI values were also not different (right: 30.48 ± 18.89 and 36.48 ± 11.62, p=0.36; left: 35.72 ± 12.99 and 35.13 ± 13.17, p=0.95), except for asymmetry (22.67 ± 13.29 and 44.69 ± 28.45; p=0.02). Weight training in BJJ athletes does not significantly increase maximum handgrip strength; however, it reduces asymmetry in contralateral limbs for the fatigue index.

Keywords: Combat sports. Fatigue index. Asymmetry. Brazilian jiu-jitsu.

Resumo

Este estudo tem como objetivo comparar a força de preensão manual entre atletas de jiu-jitsu brasileiro (JJB) praticantes e não praticantes de musculação, explorando índices de força que avaliam força e resistência máximas, bem como suas respectivas assimetrias. A amostra contou com 22 atletas de JJB do sexo masculino, separados em dois grupos de acordo com seu treinamento: praticantes de musculação (PM) e não praticantes (NPM). Ambos os grupos foram submetidos a teste isométrico de pressão manual, aplicando 30 segundos de força máxima com dinamômetro (EMG System do Brasil®). Os dados foram processados em Matlab® para obtenção dos índices de força: força máxima (Fmáx), força média (Fmed) e índice de fadiga (FI). O teste t de Student foi utilizado para análise. Não houve diferenças significativas na Fmáx da mão direita (35,08 ± 5,30 e 32,75 ± 7,33; p=0,14), mão esquerda (30,77 ± 6,31 e 29,57 ± 7,32; p=0,35) e assimetria (13,11±10,67 e 11,98±9,85; p=0,78) entre PM e NPM. Os valores de FI também não diferiram (direita: 30,48±18,89 e 36,48±11,62, p=0,36; esquerda: 35,72±12,99 e 35,13±13,17, p=0,95); exceto assimetria (22,67 ± 13,29 e 44,69 ± 28,45; p=0,02). A musculação em praticantes de JJB não aumenta significativamente a força máxima de preensão manual, mas reduz a assimetria nos membros contralaterais para o índice de fadiga.

Unitermos: Esportes de combate. Índice de fadiga. Assimetria. Jiu-jitsu brasileiro.

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Original Article

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Health and lifestyle risk factors: a comparison between Brazilian athletes and non-athletes

Fatores de risco para saúde e estilo de vida: uma comparação entre atletas e não atletas brasileiros

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ABSTRACT

Introduction: Athletes are more exposed to mental and physical stress and injuries, affecting performance and health. However, evidence shows that endurance but not power athletes have greater longevity when compared to their non-athlete peers which could be explained by health factors. Objective: To compare the lifestyle characteristics and health profile between Brazilian athletes and non-athletes. Methods: This is a cross-sectional study comparing male athletes recruited between 2013 and 2016 (n = 147) representing 13 sports, which were divided into two categories: strength/velocity (SV) and endurance/mixed sports (EM). The non-athlete adult group was selected according to the National Health Survey. Athletes were assessed using health questionnaires, anthropometric, blood pressure and resting electrocardiograms measurements. Results: SV had higher body weight, body mass index, and blood pressure compared to the EM ($p < 0.05$). In addition, higher use of pharmacological substances, tobacco, and poor perception of health was observed in SV athletes. When compared to the non-athlete population, the EM showed a lower prevalence of overweight (56% vs. 26%), hypertension (18% vs. 3%), and self-reported depression (4% vs. 0%) while SV showed a higher prevalence of poor health perception (49% vs. 30%). Conclusions: Our findings reaffirm that athletes have higher health status than the general population but that more in-depth analysis must be carried out in sports with different natures.

Keywords: Athletes; Lifestyle; Health behaviors.

RESUMO

Introdução: Atletas estão mais expostos ao estresse físico e mental e a lesões, afetando o desempenho e a saúde. No entanto, evidências mostram que atletas de resistência, mas não de potência, têm maior longevidade quando comparados a seus pares não atletas, o que pode ser explicado por fatores de saúde. Objetivo: Comparar as características de estilo de vida e o perfil de saúde entre atletas brasileiros e não atletas. Métodos: Este é um estudo transversal comparando atletas do sexo masculino recrutados entre 2013 e 2016 (n = 147) representando 13 esportes, que foram divididos em duas categorias: força/velocidade (SV) e resistência/esportes mistos (EM). O grupo adulto não atleta foi selecionado de acordo com a Pesquisa Nacional de Saúde. Os atletas foram avaliados por meio de questionários de saúde, medidas antropométricas, de pressão arterial e eletrocardiogramas de repouso. Resultados: SV apresentaram maior peso corporal, índice de massa corporal e pressão arterial quando comparados aos EM ($p < 0,05$). Além disso, foi observado maior uso de substâncias farmacológicas, tabaco e percepção ruim de saúde em atletas de SV. Quando comparado à população não atleta, o EM apresentou menor prevalência de sobrepeso (56% vs. 26%), hipertensão (18% vs. 3%) e depressão autorrelatada (4% vs. 0%), enquanto o SV apresentou maior prevalência de percepção de saúde ruim (49% vs. 30%). Conclusões: Nossos achados reafirmam que os atletas têm maior estado de saúde do que a população em geral, mas que análises mais aprofundadas devem ser realizadas em esportes com naturezas diferentes.

Palavras-chave: *Atletas; Estilo de vida; Comportamentos de saúde.*

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Original Article

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ABSTRACT

Introduction: Athletes are more exposed to mental and physical stress and injuries, affecting performance and health. However, evidence shows that endurance but not power athletes have greater longevity when compared to their non-athlete peers which could be explained by health factors. Objective: To compare the lifestyle characteristics and health profile between Brazilian athletes and non-athletes. Methods: This is a cross-sectional study comparing male athletes recruited between 2013 and 2016 (n = 147) representing 13 sports, which were divided into two categories: strength/velocity (SV) and endurance/mixed sports (EM). The non-athlete adult group was selected according to the National Health Survey. Athletes were assessed using health questionnaires, anthropometric, blood pressure and resting electrocardiograms measurements. Results: SV had higher body weight, body mass index, and blood pressure compared to the EM ($p < 0.05$). In addition, higher use of pharmacological substances, tobacco, and poor perception of health was observed in SV athletes. When compared to the non-athlete population, the EM showed a lower prevalence of overweight (56% vs. 26%), hypertension (18% vs. 3%), and self-reported depression (4% vs. 0%) while SV showed a higher prevalence of poor health perception (49% vs. 30%). Conclusions: Our findings reaffirm that athletes have higher health status than the general population but that more in-depth analysis must be carried out in sports with different natures.

Keywords: Athletes; Lifestyle; Health behaviors.

RESUMO

Introdução: Atletas estão mais expostos ao estresse físico e mental e a lesões, afetando o desempenho e a saúde. No entanto, evidências mostram que atletas de resistência, mas não de potência, têm maior longevidade quando comparados a seus pares não atletas, o que pode ser explicado por fatores de saúde. Objetivo: Comparar as características de estilo de vida e o perfil de saúde entre atletas brasileiros e não atletas. Métodos: Este é um estudo transversal comparando atletas do sexo masculino recrutados entre 2013 e 2016 (n = 147) representando 13 esportes, que foram divididos em duas categorias: força/velocidade (SV) e resistência/esportes mistos (EM). O grupo adulto não atleta foi selecionado de acordo com a Pesquisa Nacional de Saúde. Os atletas foram avaliados por meio de questionários de saúde, medidas antropométricas, de pressão arterial e eletrocardiogramas de repouso. Resultados: SV apresentaram maior peso corporal, índice de massa corporal e pressão arterial quando comparados aos EM ($p < 0,05$). Além disso, foi observado maior uso de substâncias farmacológicas, tabaco e percepção ruim de saúde em atletas de SV. Quando comparado à população não atleta, o EM apresentou menor prevalência de sobrepeso (56% vs. 26%), hipertensão (18% vs. 3%) e depressão autorrelatada (4% vs. 0%), enquanto o SV apresentou maior prevalência de percepção de saúde ruim (49% vs. 30%). Conclusões: Nossos achados reafirmam que os atletas têm maior estado de saúde do que a população em geral, mas que análises mais aprofundadas devem ser realizadas em esportes com naturezas diferentes.

Palavras-chave: *Atletas; Estilo de vida; Comportamentos de saúde.*

Copyright© 2024 Christianne de Faria Coelho-Ravagnani, Mario Sergio Vaz da Silva, Jeeser Alves de Almeida, Adriano Percival Calderaro Calvo, Fabricio Cesar de Paula Ravagnani, Sérgio Itacarambi Guasque Faria, Alan Nevill

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ORIGINAL ARTICLE

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PERFIL DE PERSONALIDADE E ATENÇÃO DE LOCADORES DA DEFESA ANTIAÉREA BRASILEIRA

DOI: 10.22289/2446-922X.V10N1A4

Flávio de Souza **Arcanjo**
Adriano Percival Calderaro **Calvo**
Gilvan Vasconcelos da **Silva**
Paula Morisco de **Sá** [1]

RESUMO

O militar que detém posição central na defesa aeroespacial brasileira é chamado locador de defesa antiaérea. Na sua rotina operacional está implícito tarefas de grande complexidade e responsabilidade, exigindo atenção e controle emocional, bem como um preparo à altura da tarefa. No entanto, essas características não são suficientemente descritas. Diante disso, os objetivos deste estudo foram verificar o perfil de personalidade e de atenção dos locadores de defesa antiaérea. Os principais resultados indicam que há características específicas do perfil de personalidade dos locadores de defesa antiaérea mais evidentes que seus pares com atuação funcional de outras áreas técnicas. Embora os locadores de defesa antiaérea tenham desempenho de atenção similar ao controle, verificou-se que o tempo de serviço influencia negativamente no desempenho da atenção dos participantes. Esses achados podem servir como norteadores para estudos futuros de estratégias de recrutamento de pessoal assim como de metodologias para aperfeiçoamento dos processos atencionais.

Palavras-chave: Militar; Desempenho e Análise de Tarefas; Características Humanas.

PERSONALITY PROFILE AND ATTENTION OF "BRASILIAN ANTI-AIRCRAFT DEFENSE LESSORS"

ABSTRACT

The military man who occupies a central position in Brazilian aerospace defense is called "anti-aircraft defense lessor". In this operational routine, tasks of great complexity and responsibility are implicit, demanding attention and emotional control. However, these features are insufficiently described. Therefore, the aim of this study was to verify the personality and attention profile of air defense contractors. The main results indicate that there are characteristics of the personality profile of "anti-aircraft defense lessors" more evident than their peers with functional performance in other technical areas. Although the "anti-aircraft defense lessors" have attention performance similar to the control ones, it was found that the length of service progressively influences the participants' attention performance in a negative way. These findings can serve as guidelines for future studies of staffing strategies as well as methodologies for improving care processes.

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Armed Forces; Defense; Brazilian Army; AMAN; Agulhas Negras Military Academy; Cadet; Military Sciences; Electronic Warfare; Cybernetics; Simulation; RAN; Continuing Education; Multiliteracies; Scientific Production; Science, Technology, and Innovation.

ARTICLE

Desconforto musculoesquelético em Pilotos de Combate da Força Aérea Brasileira

Musculoskeletal discomfort in Brazilian Air Force Combat Pilots

RESUMO

Muitos são os riscos ocupacionais inerentes a aviação que podem estar associados ao desenvolvimento de desconfortos musculoesqueléticos e lesões. A atividade operacional do piloto na cabine da aeronave é complexa, é necessário que ele execute tarefas simultâneas, expondo-os a riscos físicos além das demandas inerentes da aviação operacional militar. Objetivos: Descrever a prevalência de desconforto musculoesquelético em pilotos militares de transporte da Força Aérea Brasileira e suas possíveis associações com os parâmetros biométricos, horas de voo e frequência de prática de atividade física. Método: Trata-se de um estudo observacional descritivo, com amostra composta por pilotos militares de aeronave de transporte. Como instrumentos foram utilizados questionários de autopreenchimento para caracterização da história ocupacional, perfil de atividade física e histórico de desconforto físico. Resultados: Um total de 26 pilotos foram incluídos no estudo. A frequência de atividade física em média 4,3 ± 1,59 vezes por semana, 46,15% dos sujeitos foram classificados como muito ativos. Na avaliação de desconforto, os segmentos corporais mais frequentes foram: costas inferior com 73,1%, seguido da cervical com 42,2 % e pescoço com 34,6 % dos resultados. Conclusão: Os desconfortos da coluna vertebral, cervical e lombar, foram os com maior prevalência observados na população analisada, com a intensidade dor variando de leve a desconforto intenso. Apesar da amostra ter sido caracterizada como jovem e ativa quanto a prática de atividade física, a presença de desconforto se fez presente.

Palavras-chave: Doença musculoesquelética. Aviação. Militar. Aptidão física.

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ABSTRACT

There are many occupational risks inherent to aviation that may be associated with the development of musculoskeletal discomfort and injuries. The pilot's activity in the cockpit is complex, with the execution of simultaneous tasks, so they are exposed to physical risks and in addition to this the specific demands inherent to military operational aviation. Objectives: To describe the occurrence of musculoskeletal discomfort in military transport pilots of the Brazilian Air Force and its possible associations with biometric parameters, flight hours and frequency of physical activity. Method: This is a descriptive observational study, with a sample made up of military transport aircraft pilots. Self-completion questionnaires were used as instruments to characterize occupational history, physical activity profile and history of physical discomfort. Results: A total of 26 pilots were included in the study. The frequency of physical activity averaged 4.3 ± 1.59 times per week, 46.15% of the subjects were classified as very active. In the assessment of discomfort, the most frequent body segments were: lower back with 73.1%, followed by the cervical with 42.2% and neck with 34.6% of the results. Conclusion: The discomforts of cervical and lumbar spine, were those with the highest occurrence observed in the analyzed population, with pain intensity varying from mild to intense discomfort. Although the sample was characterized as young and active in terms of physical activity, the presence of discomfort was present.

Keywords: Musculoskeletal Disease. Aviation. Military. Physical Fitness.

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Forças Armadas; Defesa; Exército Brasileiro; AMAN; Agulhas Negras; Academia Militar; Cadete; Ciências Militares; Guerra Eletrônica; Cibernética; Simulação; RAN; Formação Continuada; Multiletramentos; Produção Científica; Ciência Tecnologia e Inovação.

ARTIGO

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CORRELATION BETWEEN MAXIMUM POWER MEASURED BY THE RUNNING-BASED ANAEROBIC SPRINT TEST AND VERTICAL JUMP COUNTERMOVEMENT IN FOOTBALL PLAYERS

Gianfranco Sganzerla[1], Fabricio Cesar de Paula Ravagnani[2], Sander Fric Zanatto[3]
Daniel Traina Gama[4], Adriano Percival Calderaro Calvo[5], Christianne de Faria Coelho Ravagnani[6]

RESUMO

Objetivo: Correlacionar as potências máximas (PMáx) obtidas pelos testes Running-Based Anaerobic Sprint Test (RAST) e Salto Vertical Contramovimento (CMJ) em atletas adultos do futebol. Materiais e Métodos: Quarenta e sete atletas profissionais de futebol (25.5 ± 4.4 anos, 79.4 ± 7.8 kg e 180.0 ± 6.0 cm) participaram deste estudo. O RAST consistiu em seis corridas com a máxima velocidade e com intervalo de 10 segundos entre elas, sendo que o tempo foi obtido por meio de fotocélulas. O CMJ foi realizado sobre um tapete de contato. Os testes foram aplicados em dois momentos distintos, com intervalo de 48 h entre eles, consequentemente a aquecimento físico de cinco minutos. Foi aplicado o teste de correlação de Pearson para avaliar a associação entre as PMáx obtidas pelos dois testes físicos com índice de significância para $p<0.05$. Resultados: As PMáx obtidas pelos testes RAST e CMJ foram 715.2 ± 99.7 W e 3 786.3 W, respectivamente. A correlação entre as potências derivadas dos dois testes foi considerada muito forte ($r=0.70$, $p<0.0001$). Conclusões: O teste de CMJ pode ser um teste alternativo para mensurar a PMáx produzida pelo teste RAST em atletas adultos do futebol.

Palavras-chave: Atletas. Futebol. Desempenho Atlético.

ABSTRACT

Correlation between maximum power measured by the Running-Based Anaerobic Sprint Test and Vertical Jump Countermovement in football players

Objective: To correlate the maximum powers (PMáx) derived from the Running-Based Anaerobic Sprint Test (RAST) and Vertical Jump Countermovement (CMJ) in adult football athletes. Materials and methods: Forty-seven professional football players (25.5 ± 4.4 years, 79.4 ± 7.8 kg, and 180.0 ± 6.0 cm) participated in this study. The RAST consisted of six races with maximum speed and an interval of 10 seconds between them, and the time was obtained through photocells. The CMJ was held on a contact mat. The tests were performed at two distinct moments, separated by a 48h interval, and after a five-minute warm-up. Pearson's correlation test was used to examine the association between the PMáx obtained by the two physical tests with a statistical significance set at $p<0.05$. Results: The PMáx obtained by the RAST and CMJ tests were 715.2 ± 99.7 W and 3 786.3 W, respectively. The correlation between the powers derived from the two tests was considered very strong ($r=0.70$, $p<0.0001$). Conclusions: The CMJ test can be an alternative test to measure the PMáx produced by the RAST test in adult football athletes.

Key words: Athletes. Football. Athletic Performance.

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CORRELAÇÃO DA POTÊNCIA MÁXIMA MEDIDA PELOS TESTES RUNNING-BASED ANAEROBIC SPRINT TEST E SALTO VERTICAL CONTRAMOVIMENTO EM ATLETAS DE FUTEBOL

Gianfranco Sganzerla[1], Fabricio Cesar de Paula Ravagnani[2], Sander Fric Zanatto[3]
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Palavras-chave: Atletas. Futebol. Desempenho Atlético.

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ABSTRACT

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Key words: Athletes. Football. Athletic Performance.

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ARTICLE

Anti-G Straining Maneuver: a narrative review

Manobra Anti-G: uma revisão narrativa

ABSTRACT

Background: Increasingly valuable, sophisticated, and powerful aircraft are developed and incorporated into the armed forces. Technological advances are notable for increasing physiological load during the flight, making human resources a limiting factor in such operations. It is necessary to understand the physiological demands to which aircraft pilots are exposed, especially combat pilots. **Objective:** This study aimed to present: i. the physiological consequences on the human body due to high accelerative forces during high-performance flights; ii. the efficiency of the Anti-G Straining Maneuver (AGSM) countermeasure to such consequences; and iii. the state of the art about surface electromyography's uses (sEMG) in AGSM. **Method:** It was conducted a bibliographic search in the PubMed database using the keywords "anti-G effort maneuver" and "electromyography" and their synonyms. After this, a narrative review of the results was performed. This research model allows a comprehensive discussion about the topic, enabling an in-depth contextualization in a prosperous field of study. These characteristics are suitable for detecting literature gaps and directing the research discussion. **Discussion:** There is a consensus in the literature that AGSM is the most effective resource to prevent loss of consciousness induced by G-load (G-LOC). The sEMG is an affordable and useful tool for AGSM training, especially given the unavailability of human centrifuges. The current literature on the application of sEMG in the context of AGSM training is limited, presenting a diversity of objectives, methodology, and analyzed parameters. **Conclusion:** The use of sEMG as real-time biofeedback can improve the pilot's muscle control skills during AGSM.

Keywords: Aviation. Acceleration. Electrophysiology. Loss of Consciousness. Electromyography.

RESUMO

Introdução: Aeronaves mais valiosas, sofisticadas e potentes são incorporadas às forças armadas. Os avanços tecnológicos são notáveis por aumentar a carga fisiológica durante o voo, tornando os recursos humanos um fator limitante nessas operações. É necessário entender as demandas fisiológicas às quais os pilotos de aeronaves estão expostos, especialmente os pilotos de combate. **Objetivo:** Este estudo teve como objetivo apresentar: i. consequências fisiológicas no corpo humano devido às altas forças de aceleração durante voos de alto desempenho; ii. eficiência da contramedida AGSM para tais consequências; e iii. estado da arte sobre os usos da eletromiografia de superfície em AGSM. **Método:** Busca bibliográfica na base de dados PubMed usando as palavras-chave "anti-G straining maneuver" e "electromyography" e seus sinônimos foi conduzida, seguida de uma revisão narrativa dos resultados, que permitiu uma discussão abrangente sobre o tema, possibilitando uma contextualização aprofundada em um campo de estudo próspero. Essas características são adequadas para detectar lacunas na literatura e direcionar a discussão da pesquisa. **Discussão:** Há um consenso na literatura de que o AGSM é o recurso mais eficaz para prevenir a perda de consciência induzida por carga G. A sEMG é uma ferramenta acessível e útil para o treinamento de AGSM, especialmente quando indisponível centrífugas humanas. **Conclusão:** A literatura atual sobre a aplicação do sEMG no contexto do treinamento do AGSM é limitada, apresentando uma diversidade de objetivos, metodologia e parâmetros analisados. Contudo, seu uso como biofeedback em tempo real pode melhorar as habilidades de controle muscular do piloto durante o AGSM.

Palavras-chave: Aviação. Aceleração. Eletrofisiologia. Perda de Consciência. Eletromiografia.

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Marina Viana

_____ **Date: August 26, 2025.**

Forças Armadas; Defesa; Exército Brasileiro; AMAN; Agulhas Negras; Academia Militar; Cadete; Ciências Militares; Guerra Eletrônica; Cibernética; Simulação; RAN; Formação Continuada; Multiletramentos; Produção Científica; Ciência Tecnologia e Inovação.

ARTICLE

Anti-G Straining Maneuver: a narrative review

Manobra Anti-G: uma revisão narrativa

ABSTRACT

Background: Increasingly valuable, sophisticated, and powerful aircraft are developed and incorporated into the armed forces. Technological advances are notable for increasing physiological load during the flight, making human resources a limiting factor in such operations. It is necessary to understand the physiological demands to which aircraft pilots are exposed, especially combat pilots. **Objective:** This study aimed to present: i. the physiological consequences on the human body due to high accelerative forces during high-performance flights; ii. the efficiency of the Anti-G Straining Maneuver (AGSM) countermeasure to such consequences; and iii. the state of the art about surface electromyography's uses (sEMG) in AGSM. **Method:** It was conducted a bibliographic search in the PubMed database using the keywords "anti-G effort maneuver" and "electromyography" and their synonyms. After this, a narrative review of the results was performed. This research model allows a comprehensive discussion about the topic, enabling an in-depth contextualization in a prosperous field of study. These characteristics are suitable for detecting literature gaps and directing the research discussion. **Discussion:** There is a consensus in the literature that AGSM is the most effective resource to prevent loss of consciousness induced by G-load (G-LOC). The sEMG is an affordable and useful tool for AGSM training, especially given the unavailability of human centrifuges. The current literature on the application of sEMG in the context of AGSM training is limited, presenting a diversity of objectives, methodology, and analyzed parameters. **Conclusion:** The use of sEMG as real-time biofeedback can improve the pilot's muscle control skills during AGSM.

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Palavras-chave: Aviação. Aceleração. Eletrofisiologia. Perda de Consciência. Eletromiografia.

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The malleability of air travelers hypobaric hypoxia symptoms observed among repeated exposures: systematic review

Maleabilidade dos sintomas de hipóxia hipobárica em aeronavegantes observados em exposições repetidas: revisão sistemática

La maleabilidad de los síntomas de hipoxia hipobárica observados en viajeros aéreos tras exposiciones repetidas: revisión sistemática

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ABSTRACT

The comprehension of the symptoms caused by hypobaric hypoxia in air travelers allows aviation safety actions to be efficiently carried out. In this context, it is also important to clarify the behavior of these symptoms between exposure sessions. This registered systematic review (PROSPERO: CRD42021283758) aims to identify possible changes in the symptoms of hypobaric hypoxia reported by air travelers submitted to repeated exposure in a hypobaric chamber throughout their

careers. The following inclusion criteria were adopted: re-exposure to hypobaric hypoxia; and the following exclusion criteria: mountain sickness, decompression sickness, experimental animal models, and medical or dental outcomes. The search was conducted in Scopus, BVS/VHL, Cochrane, Medline, Web of Science, and Science Direct and Google Scholar databases. The selected studies were analyzed for risk of bias using the Newcastle-Ottawa Scale. Of the 430 titles found, five articles met the inclusion and exclusion criteria and were selected for the systematic review, totaling a sample of 1,569 participants. It was found that the participants' hypoxia symptoms tend to repeat themselves in the same way in the other sessions of exposure to hypobaric hypoxia. However, it was identified that such symptoms are influenced by personal factors that can lead to variations in symptoms for the same individual between sessions of exposure to hypobaric hypoxia. Therefore, with aviation safety as a priority, it is prudent to interpret that the symptoms of hypobaric hypoxia are malleable and that they may vary upon re-exposure of the subject to it.

Keywords: Hypoxia. Cerebral Hypoxia. Hypoxia Awereness Training. Aircrew.

RESUMO

A compreensão dos sintomas causados pela hipóxia hipobárica em aeronavegantes permite que ações de segurança da aviação sejam realizadas de forma eficiente. Nesse contexto, também é importante esclarecer o comportamento desses sintomas entre as sessões de exposição. Esta revisão sistemática registrada (PROSPERO: CRD42021283758) teve como objetivo identificar possíveis alterações nos sintomas de hipóxia hipobárica relatados por aeronavegantes submetidos à exposição repetida em câmara hipobárica ao longo de suas carreiras. Foram adotados os seguintes critérios de inclusão: reexposição à hipóxia hipobárica; e os seguintes critérios de exclusão: mal da montanha, doença da descompressão, modelos experimentais em animais e desfechos médicos ou odontológicos. A busca foi realizada nas bases de dados Scopus, BVS/VHL, Cochrane, Medline, Web of Science e Science Direct e Google Acadêmico. Os estudos selecionados foram analisados quanto ao risco de viés por meio da Escala de Newcastle-Ottawa. Dos 430 títulos encontrados, cinco artigos atenderam aos critérios de inclusão e exclusão e foram selecionados para a revisão sistemática, totalizando uma amostra de 1.569 participantes. Constatou-se que os sintomas de hipóxia dos participantes tendem a se repetir da mesma forma nas demais sessões de exposição à hipóxia hipobárica. No entanto, identificou-se que tais sintomas são influenciados por fatores pessoais que podem levar a variações nos sintomas para o mesmo indivíduo entre as sessões de exposição à hipóxia hipobárica. Portanto, tendo a segurança da aviação como prioridade, é prudente interpretar que os sintomas da hipóxia hipobárica são maleáveis e podem variar com a reexposição do indivíduo a ela.

Palavras-chave: Hipóxia. Hipóxia Cerebral. Treinamento de Conscientização de Hipóxia. Tripulação Aérea.

RESUMEN

Comprender los síntomas causados por la hipoxia hipobárica en pasajeros aéreos permite implementar eficientemente acciones de seguridad aérea. En este contexto, también es importante aclarar el comportamiento de estos síntomas entre sesiones de exposición. Esta revisión sistemática registrada (PROSPERO:

CRD42021283758) busca identificar posibles cambios en los síntomas de hipoxia hipobárica reportados por pasajeros aéreos sometidos a exposición repetida en una cámara hipobárica a lo largo de su carrera. Se adoptaron los siguientes criterios de inclusión: reexposición a hipoxia hipobárica; y los siguientes criterios de exclusión: mal de montaña, enfermedad por descompresión, modelos animales experimentales y resultados médicos o dentales. La búsqueda se realizó en las bases de datos Scopus, BVS/VHL, Cochrane, Medline, Web of Science y Science Direct y Google Scholar. Los estudios seleccionados fueron analizados para determinar el riesgo de sesgo utilizando la escala de Newcastle-Ottawa. De los 430 títulos encontrados, cinco artículos cumplieron los criterios de inclusión y exclusión y fueron seleccionados para la revisión sistemática, totalizando una muestra de 1.569 participantes. Se encontró que los síntomas de hipoxia de los participantes tendían a repetirse de la misma manera en las otras sesiones de exposición a la hipoxia hipobárica. Sin embargo, se ha identificado que dichos síntomas están influenciados por factores personales que pueden llevar a variaciones en los síntomas de un mismo individuo entre sesiones de exposición a la hipoxia hipobárica. Por lo tanto, teniendo como prioridad la seguridad de la aviación, es prudente interpretar que los síntomas de la hipoxia hipobárica son maleables y pueden variar con la reexposición del individuo a la hipoxia hipobárica.

Palabras clave: Hipoxia. Hipoxia Cerebral. Entrenamiento de Concientización sobre la Hipoxia. Tripulación Aérea.

1 INTRODUCTION

Reducing environmental pressure can lead to a physiological condition called hypobaric hypoxia, caused by an insufficient oxygen supply to the body's tissues (Blacker & McHail, 2021). This condition causes disabilities such as short-term memory loss, incoordination, or incapacitation in individuals, promoting serious risks to aviation safety (Kim *et al.*, 2018; Stevenson, 2019). The effects of hypobaric hypoxia are attributed to plane crashes such as Helios Airways Flight #522 in 2005 and Learjet Flight #35 in 1999. In hypobaric environments, crew may become unable to respond to emergencies (Chiang *et al.*, 2021).

The interval between the onset of the subject's exposure to hypoxia and the onset of the severe effects of hypobaric hypoxia (i.e., unconsciousness) is called time of useful consciousness (TUC). During this period, air travelers' operational performance is not completely compromised, allowing them to take safety actions (e.g., getting oxygen masks on and restoring aircraft pressure and oxygen) before they become operationally incapable (Nation *et al.*, 2017). The TUC has been used as a reasonably predictable reference for the severity of hypobaric hypoxia due to

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Acute Metabolic Effects in Brazilian A-29 Fighter Pilots by NMR-Based Metabolomics

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ABSTRACT: Operating an aircraft imposes significant physical and mental demands on pilots, particularly those in military aviation. These challenges include circadian disruptions, irregular working hours, and exposure to G-forces. This study investigates the acute metabolic effects of flight in the A-29 fighter pilots of the Brazilian Air Force (FAB). Blood, urine, and saliva samples were collected from 32 pilots, trainees (n = 12; aged 23−26 years) and instructors (n = 20; aged 25−41 years), immediately before and after flights. Assessments included anthropometric measurements, complete blood count (CBC), circulating endothelial cells (CECs), coagulogram, lipidogram, urinalysis, and nuclear magnetic resonance (NMR)-based metabolomics. After flights, trainees showed a 12% increase in the number of segmented neutrophils, while instructors exhibited a 15% increase in the number of lymphocyte counts. Serum lactate levels decreased in both groups (23% in trainees and 12% in instructors). Salivary glucose increased by 49% in trainees, whereas instructors demonstrated decreases in metabolites such as choline (23%) and lactate (15%). Urinary trigonelline levels increased by 53% in instructors. The observed changes were more pronounced in instructors vs trainees, indicating a degree of metabolic adaptation associated with greater flight experience. These findings highlight NMR-based metabolomics as a valuable tool for monitoring acute metabolic changes in fighter pilots.



KEYWORDS: *G-force, acute metabolism, blood, urine, saliva, military aviation, fighter pilots, NMR, metabolomics, A-29 jet*

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INTRODUCTION

Recent advancements in aviation technology have enabled the development of aircraft capable of withstanding significant gravitational forces. Under such conditions, pilot performance plays a critical role in preventing accidents.[1−3] Military pilots face numerous challenges, including circadian disruptions, insufficient sleep, high physical and mental demands, and repeated exposure to gravitational forces, all of which contribute to considerable physiological strain.[2]

The accelerations experienced during combat flights can have severe adverse effects on pilot health. Research has shown that stress-induced cardiorespiratory disorders significantly impair physiological function.[4,5] Prolonged exposure to positive gravitational forces (+Gz) has been linked to circulatory dysfunction, alveolar collapse, ventilatory impairment, hypoxia, ischemia, muscle damage, bruising, petechiae, temporary visual disturbances, and metabolic alterations.[6−9]

Given these stressors, the study of human−machine interactions is essential to mitigate human error. Despite its importance, research focusing on pilot health and well-being remains limited, hindering efforts to address the acute and chronic effects of +Gz exposure.[10] Tolerance to +Gz is influenced by factors such as sex,[11,12] age, body composition, and anthropometric characteristics.[13,14] Existing countermeasures, such as anti-G suits, positive pressure breathing, and the Anti-G Strain Maneuver (AGSM), are widely utilized.[10] However, there remains an urgent need to develop more effective strategies to enhance tolerance to gravitational forces.[15−17]

To improve our understanding of the physiological demands imposed by combat flights, metabolomics has emerged as a valuable research tool. Studies in animal models have identified +Gz-induced metabolic fluctuations affecting pathways such as

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Hypobaric Hypoxia in Aircrew: a brief review on etiology, risks, and preventive exercises

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ABSTRACT

Hypobaric hypoxia is caused by insufficient oxygen in the crew due to low atmospheric pressure. It causes hypoxemia and the symptoms of hypobaric hypoxia progressively develop, making the crew unable to perform executive functions. Aircraft accidents due to the development of hypobaric hypoxia in the crew have caused hundreds of casualties in the modern era of aviation, involving different aircraft and in other countries. To prevent such accidents, the aircrews perform simulated hypobaric chamber exercises periodically, in this way, it is possible to introduce the symptoms of hypobaric hypoxia to them in a safe and controlled atmosphere. Consequently, this allows them to remember hypoxia symptoms during an eventual aviation incident. The interval between hypobaric chamber exercises varies between countries. Although they are not mandatory, it is suggested that an interval of between three and six years between hypoxia exercises is appropriate to maintain flight safety concerning hypoxia symptoms. However, it is important to be aware that there is intra- and inter-personal variability in hypobaric hypoxia symptoms.

Keywords: Hypobaric; Hypoxia; Hypoxia Awereness Training; Hypoxia symptoms; Aircrew.

Hipoxia hipobárica en tripulantes: una breve revisión sobre etiología, riesgos y ejercicios preventivos

RESUMEN

La hipoxia hipobárica se produce por la falta de oxígeno en la tripulación debido a la baja presión atmosférica. Provoca hipoxemia y los síntomas de hipoxia hipobárica aparecen progresivamente, provocando la incapacidad de las funciones ejecutivas de la tripulación. Los accidentes aéreos que involucran diferentes aeronaves y en diferentes países, debido a la aparición de hipoxia hipobárica en las tripulaciones, han causado cientos de víctimas en la era moderna de la aviación. Para prevenirlos, periódicamente se realizan ejercicios simulados en cámaras hipobáricas con

las tripulaciones con el objetivo de introducirlas en los síntomas de la hipoxia hipobárica de forma segura y controlada y permitirles así volver a actuar durante un incidente aéreo. El intervalo entre ejercicios en cámara hipobárica varía entre países y, aunque no son obligatorios, se sugiere que un intervalo de entre tres y seis años entre ejercicios de hipoxia es apropiado para el mantenimiento efectivo de la seguridad del vuelo con respecto a los síntomas de hipoxia. Sin embargo, es importante tener en cuenta que existe una variabilidad intra e interpersonal en los síntomas de la hipoxia hipobárica.

Palabras clave: *Hipobarico; hipoxia; ceremonias; hipoxemia; pilotos.*

Hipóxia hipobárica em tripulantes: uma breve revisão sobre etiologia, riscos e exercícios preventivos

RESUMO

A hipóxia hipobárica é oriunda da insuficiência de oxigênio ao aeronavegante devido à baixa pressão atmosférica, ela provoca hipoxemia e os sintomas da hipóxia hipobárica emergem progressivamente, provocando incapacidade das funções executivas do aeronavegante. Acidentes aéreos, de diferentes aeronaves e em diferentes países, devido a instauração da hipóxia hipobárica nos aeronavegantes provocaram centenas de vítimas na era moderna da aviação. Para preveni-los, exercícios simulados em câmaras hipobáricas sao desempenhados periodicamente com os aeronavegantes com o objetivo de apresentá-lo aos sintomas de hipóxia hipobárica de forma segura e controlada e consequentemente permitir sua recordação durante um incidente aéreo. O interstício entre exercícios em câmara hipobárica variam entre países, e embora não sejam obrigatórios, é sugerido que um interstício entre três e seis anos entre os exercícios de hipóxia são apropriados para manutenção efetiva da segurança de voo quanto aos sintomas de hipóxia. Contudo, é importante conscientizar-se que existe variabilidade intra e inter-pessoal dos sintomas de hipóxia hipobárica.

Palabras-chave: *Hipobárica; hipóxia; exercícios; hipoxemia; aeronavegantes.*

1 INTRODUTION

Accidents involving Learjet flights i. 35 in 1999; ii. 522 Helios Airways flights in 2005; iii. 370 Malaysian Airlines flights in 2014 (Nation *et al.*, 2017); and iv. Senegalair HS-125 flights in 2015 resulted in hundreds of deaths (Table 1). They were caused by exposure to a hypoxic environment not identified by the crew, causing gradual incapacity that culminated in plane crashes (Chiang *et al.*, 2021).

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2. Step two requires the submission of the manuscript. Such a file must not contain the identification of the authors in the main text, cover page, or under the file’s properties.
3. Upon uploading the manuscript, it must be provided with the authors’ details (name, surname, affiliations, address, e-mail contact), one of which will be the contact author. A title, abstract (up to 200 words), and keywords are also required in this step.
4. Step four is optional and allows the uploading of supplementary documents. The cover letter and mandatory attachments cannot be uploaded during step 4.
5. Step five requires the corresponding author to confirm the correct submission of the manuscript and register its identification (ID). Such ID must be used in future correspondence with the editors.

After verifying that the manuscript was correctly submitted, the corresponding author must send, **within 24 hours**, an e-mail to the Journal’s director (**director@revistamotricidade.com**) informing him of the ID issued to the manuscript by the OJS platform. The e-mail must include the following mandatory attachments: (i) a cover letter; (ii) a declaration of authorship and contribution by each author; (iii) a statement of transfer of copyright; (iv) a statement of approval by the ethical committee or institutional review board. The authors may refer to the template that can be found **here**. Failing to send the e-mail containing the mandatory attachments leads to rejecting the manuscript.

Getting the e-mail, the editors will acknowledge the correct uploading of the manuscript and supplementary documents and begin the review process.

PUBLICATION FEE

Journal Motricidade provides immediate open access to its content and allows quick dissemination of the authors' findings. The Journal is indexed in many prestigious international databases. For more details, kindly refer to the abstracting and indexing section below.

Upon acceptance of the manuscript for publication and before the galley proofs are sent to the authors, they must proceed with the payment of a publication fee of 200 euros (plus 23% of VAT). A receipt will be issued and provided to the authors after the transaction is completed. Journal Motricidade will provide the details on how to proceed with the payment.

Peer Review Process

Peer reviewing is carried out according to a blind review process. As such, authors are accountable for ensuring that the manuscript does not contain details in the main text, cover page, or under the file's proprieties that enable their identification by a third party. Authors may suggest two possible reviewers, providing details such as full name, e-mail address and a justification for their names being put forward. Authors may also indicate to some fellow researchers or academics that, for many varied reasons, they do not wish to review the manuscript.

Journal Motricidade follows an internal and external reviewing process. At first, it will be verified if the manuscript falls under the Journal's scope, the clarity of the writing, methodological adequacy, if it is in tandem with the best ethical practices, and its adherence to the Journal's guidelines. Articles that do not strictly obey APA's rules of citation and bibliographic referencing or any other guideline will be reverted to the authors.

If the manuscript fulfils all these criteria, it is forwarded for blind peer review. The Journal Motricidade no longer assesses the manuscripts on the subjective perception of the importance or novelty of the findings reported. Editors and reviewers are advised to check thoroughly the methodology and how it sounds based on the theoretical background or framework and the state-of-the-art on such topics. The Journal looks forward to a comprehensive and rigorous report on the research design, experiments, data handling, and statistical analysis. In the event of disagreement between reviewers' recommendations, the manuscript may be forwarded to a third reviewer.

Finished the reviewing process, the corresponding author will be informed of the reviewers' evaluations and editorial decisions. When suggestions are made to perform changes in the manuscript, the authors will have one month to upload an updated version reflecting the reviewers' inputs. Authors must submit two documents on the OJS platform: (i) one edited and updated version of the manuscript highlighting the changes made; and (ii) a supplementary document containing a reply point by point to all comments delivered by the reviewers. The editors and reviewers will go through the edited manuscript, and a new decision will be made. Decisions by the editorial board are final and communicated to the corresponding author by e-mail.

Publication Frequency

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Abstracting and Indexing

Web of Knowledge/Scielo Citation Index (Clarivate Analytics), ELSEVIER (SCOPUS, EMCare), SCImago (SJR: Medicine, Health Professions), PsycINFO, IndexCopernicus, Scielo, CABI (CAB Abstracts, Global Health, Leisure, Recreation and Tourism Abstracts, Nutrition Abstracts and Reviews Series A), Qualis, SPORTDiscus, EBSCO (CINAHL Plus with Full Text, Academic Search Complete, Fonte Acadêmica, Fuente Academica, Fuente Academica Premier), Proquest (CSA Physical Education Index, ProQuest Psychology Journals, Summon by Serial Solutions, Ulrich's Periodicals Directory), DOAJ, Open J-Gate, Latindex, Gale/Cengage Learning (InfoTrac, Academic OneFile, Informe), Google Scholar, SIIC Databases (siicsalud), BVS ePORTUGUESe, SHERPA/RoMEO, e-Revistas, OCLC, Hinari/WHO, Swets Information Services, ScienceCentral, Genamics JournalSeek, Cabell's Directories, SafetyLit, NLM Catalog, SCIRUS, BASE Bielefeld, Academic Journals Database, Índex Online RMP, Saúde em Movimento

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Journal History

Journal Motricidade initiated its publication in January 2005. Since then, it has published original and review articles on Sports, Health, and Human Development, positioning itself in both Portuguese and Brazilian contexts as a reference to students, academics, researchers, and professionals in the fields of Sports, Psychology, Education, and Health.

Since 2009, the Journal Motricidade has adopted a policy of open access, allowing free access to all of its contents without any embargo.

Information

For Readers

For Authors

For Librarians

Open Journal Systems

Language

English

Português (Portugal)

Make a Submission

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Platform & workflow by OJS / PKP

Instructions for Authors

Scope and Politics

Revista Brasileira de Medicina do Esporte (RBME) (Brazilian Journal of Sports Medicine), the official publication of the Brazilian Society of Exercise and Sports Medicine (SBMEE), is a continuous publication, with no periodic closing of editions, with versions in Portuguese and English. RBME is indexed in the following bibliographic databases: Excerpta Medica-EMBASE, Physical Education Index, LILACS, SIRC-Sportdiscus, Google Scholar, Dimensions, DOI and Crossref.

The publication fully adheres to the international recommendations of the International Committee of Medical Journal Editors (ICMJE), commonly referred to as the Vancouver Convention, and its standardization requirements [http://www.icmje.org/].

Publication Fee: To ensure the sustainability and continuity of RBME, we inform authors that an article publishing fee was introduced in January 2014. Authors are now required to pay a fee for articles accepted for publication. This fee will be charged upon approval of the article. Following acceptance of the manuscript and notification by the editor-in-chief, the author(s) must make a bank deposit in the name of the Associação Brasileira de Medicina do Esporte (Brazilian Association of Sports Medicine), CNPJ (Corporate Taxpayer's ID) 30.504.005-0001-12, Bradesco Bank, Agency 0449, Account number 0001353-6. The receipt of deposit should then be sent to the email address atharbme@uol.com.br, stating the protocol number of the work (RBME-0000), the title of the article, and the name of the corresponding author. This publication fee is R$2000 (US$600) for articles submitted to the English or Portuguese versions of the journal.

Translation Rate: RBME is published in three versions: English and Portuguese. Articles may be submitted in Portuguese and/or English. If an article is approved, it must then be submitted in the other language if the

original submission was in one language only. Thus, if the article was submitted in English, a version in Portuguese must be sent, and vice versa. If the author would like the translation be arranged by RBME, a request must be made within five days. Otherwise, the author must submit the translated version within twenty-five days after the notification of acceptance for publication (see the translation fees and other information in the tables below). If the second language is not delivered within the time stipulated, the article will be **canceled**.

Therefore, for approved articles, translation into the other language is compulsory. We recommend sending the articles in both languages in the initial submission to facilitate production. Any changes requested by the author after the article has been accepted and is in the editing phase must be made to both versions.

Translation arranged by the author:

1- Authors who submit their article in one language only must send an email to atharbme@uol.com.br, within 5 working days of the acceptance for publication, stating whether the translation is to be arranged by RBME or by the author.

2-The translated version must be sent within twenty-five consecutive days of the date of notification of acceptance for publication.

3-We recommend that all articles undergo a complete review of the English before they are submitted. If any changes are required later on, this may incur additional fees, or the article may be rejected.

4-Once the layout is completed, a final proof will be returned to the author. In this stage only minor corrections may be made. If we do not hear from the author with any corrections within two days, this will be deemed the final version.

If the translated version is not received within twenty-five days, the publication of the article will be cancelled.

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1- Authors who submit their article in one language only must send an email to atharbme@uol.com.br, within 5 working days of the acceptance for publication, stating whether the translation is to be arranged by RBME or by the author.

2-Translation Fee: Articles will be divided into three Groups (see options below) for payment of the translation into Portuguese/English, together with the publication fee:

3-Authors will have up to seven consecutive days, from the date of receipt of the communication, to make the payment as instructed in the section Publication Fee, above.

4-Once the layout is completed, a final proof will be returned to the author. In this stage, only minor corrections may be made. If we do not hear from the author with any corrections within two days, this will be considered the final version.

Publication Fee + Translation Fee	
Group 1:	Submission of articles in two versions: English and Portuguese. Only a Publication Fee of R$2000 (US$600) will be charged.

Group 2:	Submission of articles in Portuguese only. A Publication Fee of R$ 2000 plus a Translation Fee of R$1000 will be charged, making a total of R$3000 (US$850).
Group 3:	Submission of articles in English only. A Publication Fee of R$2000 plus a Translation Fee of R$750 will be charged, making a total of $2750 (US $750).

Note: For fully paid-up members of the Brazilian Society of Sports Medicine and Exercise (SBMEE) the Publication Fee will be reduced to R$1700 (US $530).
On submission of the manuscript, after filling out the registration form, the author must read and agree to the terms of originality, relevance and quality, and to the payment of the applicable fees. Once these obligations have been acknowledged, the manuscript will be registered in the system for evaluation.
If payment is not received within seven days, from the date of receipt of the communication of acceptance of the article for publication, this will result in the publication of the article being canceled.

Manuscript outlining and preparation

Instructions for Submission of Articles:
Articles must be submitted directly via the online submission system:http://submission.scielo.br/index.php/rbme/login. The following supplementary documents should be submitted together with the article: (1) Term of Disclosure of Potential Conflicts of Interest; (2) Declaration of Originality; and (3) Statement of Authors' Contribution, with the ORCID (Open Researcher and Contributor ID) number of each author; (4) Certification of translation of the English version by a professional translator. Articles or supplementary documents submitted by email, post, or any means other than to the electronic address mentioned above will not be accepted.

Double submission: Articles submitted to RBME will only be considered for publication on the condition that they have not been published elsewhere, or are not under consideration for publication in another periodical.

Plagiarism: RBME adopts Similarity Check/Ithenticate plagiarism detection system. Nevertheless, all content published in the articles is the authors' sole responsibility. Should plagiarism be detected, in any form, the authors of the submitted article will be contacted by RMBE and asked to provide an explanation. If any plagiarism comes to light after the journal is published, the article in question will not be withdrawn from the edition; an addendum of plagiarism will be affixed to the publication, with explicit identification on the cover sheet in a full-sized strip detailing the content. The Journal will not be responsible for notifying the original author about the plagiarized content.

Conflict of Interest: The author should make explicit any potential conflict of interest related to the submitted article, in accordance with the rules of the National Health Surveillance Agency (RDC 102/2000) and the Federal Board of Medicine (Resolution no. 1.595/2000). The purpose of this requirement is to inform publishers, reviewers and readers about any professional and/or financial relationships (such as sponsorships and corporate affiliations) with financial agents related to

pharmaceutical products or equipment involved in the work that could potentially influence the interpretations and conclusions of the article. A Conflict of Interest Statement will be published at the end of every article.

Bioethics of experiments on human beings

All experiments involving human beings should follow the specific resolution of the Brazilian National Health Council (no. 196/96) available at http://www.conselho.saude.gov.br, including signing an Informed Consent Form and protection of the research subjects' confidentiality. In experimental studies involving human beings, the authors should indicate whether the procedures followed the ethical standards of the committee responsible for human experimentation (institutional and national) and the Declaration of Helsinki of 1975, revised in 2008. A Statement of Approval from the local ethics committee should be sent via the online system Plataforma Brasil. Studies conducted in humans must comply with ethical standards and must obtain the informed consent of the research subjects, according to Resolution 466/2012 of the National Health Council of the Brazilian Ministry of Health, which gives the Code of Ethics for Research involving Human Beings, or for authors outside Brazil, such studies must be comply with the standards of the Committee on Publication Ethics (COPE).

Bioethics of experiments on animals

The work described in the article must have been conducted according to the ethical principles for animal experimentation, according to Law 11,794/08, which sets out the procedures for the scientific use of animals, and stipulates that research projects must be submitted to the research ethics committee of the Institution concerned (http://www.planalto.gov.br/ccivil_03/_ato2007-2010/2008/lei/l11794.htm).

For more information, go to the website of the National Council for Control of Animal Experimentation (CONCEA) (http://www.mct.gov.br/index.php/content/view/310553.html) and the Brazilian Board of Animal Experimentation (COBEA) (http://www.cobea.org.br/index.php?option=com_content&view=article&id=46&Itemid=1).

Clinical Trials: RBME supports the policies of the World Health Organization (WHO) and the International Committee of Medical Journal Editors (ICMJE) for registering clinical trials, recognizing the importance of these initiatives for the international registration and dissemination of information about open-access clinical studies. Therefore, clinical research articles will only be accepted for publication if they have received an identification number in one of the Clinical Trial Registers validated by the WHO and ICMJE criteria [http://www.icmje.org/about-icmje/faqs/clinical-trials-registration/], the email addresses for which are available on the ICMJE website.

Peer Review: After complete verification by the editorial Secretariat, and a preliminary analysis by the editors (desk review), the articles that make it through this stage will be submitted for evaluation by two independent referees with experience and professional competence in the respective area of the work, who will issue opinions that will be used by the editors when deciding on whether to accept it for publication. The evaluation criteria include originality, relevant contribution to the field, appropriate methodology, clarity, and timely relevance. In view of the increasing number of submissions to RBME, articles will also be evaluated for their relevance and contribution to specific knowledge in the field. Thus, an article with appropriate methodology and consistent results may not be accepted for publication if it is deemed by the editors to be of low relevance. This decision not to accept an article may not be appealed or disputed by the authors. Articles accepted for publication may undergo editorial changes to facilitate clarity and understanding, without, however, altering their content.

REVIEW PROCESS AND ADDITIONAL INFORMATION

- The analysis procedure for all scientific contributions is as follows:
  Editorial Secretary → Editor-In-Chief → Associate Editors and Members of the Editorial Board.
- All papers sent to RBME will be submitted for initial evaluation by the editors (desk review), who will decide whether **or not** to send it for peer review.
- Only submissions that strictly adhere to the specified norms and that include all the required supplementary documents will be forwarded to the editors.
- If any documents are missing, the article will be kept on file for seven days.
- The author will have thirty days from the date of receipt of the communication, to make any changes requested by the reviewers. Failure to meet this deadline will result in the article being withdrawn from the review process.
- Once the article has been accepted for publication, no voluminous or substantial changes will be accepted. The same applies to the final proof of the article.
- Requests sent by RBME prior to approval of the article shall be made via online submission system.
- Requests sent by RBME after approval of the article must be made by the email address atharbme@uol.com.br and no longer via online submission system.
- The subject line used in the emailatharbme@uol.com.br should not be altered, and any matters not related to the subject of the email should be addressed in a separate email, giving it an appropriate subject line and stating the identification number of the article.
- The final layout of the Portuguese and English versions will be sent to the author, who should return them within forty-eight hours, with only minimum changes. If the author does not reply within this period, these will be deemed the final versions for publication, and no changes may be made thereafter.

Preprint: RBME accepts the submission of articles published as preprints. A preprint is a completed scientific manuscript that is deposited by the authors in a public server. It may have been previously published without having passed through a peer review and can be viewed free of charge by anyone in the world on platforms developed today for this purpose. In most cases, a work published as a preprint is also submitted to a journal for peer review. Thus, preprints (not validated through peer review) and journal publications (validated through peer review) function in parallel as a communication system for scientific research.[1,2]

Data sharing: RBME encourages the sharing, citation and referencing of all data, program code and content underlying article texts in order to facilitate the evaluation of research, the reproducibility of studies, and the preservation and reuse of content.

Citations should facilitate access to research content and when articles, books, and online publications are cited, the data should be cited in an appropriate place in the text and the source included in the list of references in accordance with the Vancouver Style standards.[3]

Preparation Of Articles: The RBME journal only accepts the following types of article: original article, review article, systematic review, update, meta-analysis, Case report, letter to the editor, and editorial. All submitted articles must be typed in double space, Arial 12 font, on A4 pages, without line or paragraph numbering. Figures and tables must be presented at the end of the article, each on a separate page. The locations for insertion of tables or figures must be clearly marked in the body of the text. Numbers less than ten should be written out in full, while numbers greater than ten should be written in Arabic numerals. Articles that do not follow the instructions for authors in regard to

style and format will be returned by the Editorial Board without being reviewed.
Measurements should be expressed in the International System (Système International, SI), available at http://physics.nist.gov/cuu/Units and standard units, where applicable. It is recommended that authors do not use abbreviations in the title, and limit their use in the abstract and throughout the text. Generic names should be used for all drugs. Pharmaceutical products may be referred to by their commercial names, but the manufacturer's name, city or country, or email address must be included in parentheses, in the Material and Methods section.

Checklist: RBME strongly recommends that the authors follow the standards given in the Checklist and Flowchart indicated for the type of article submitted:
CONSORT- controlled and randomized trials
STARD - diagnostic Accuracy Studies
MOOSE - meta-analyses and systematic reviews of observational studies
Prism - systematic reviews and meta-analyses
STROBE - observational studies
RATS - qualitative studies

Abbreviations: The use of abbreviations should be kept to a minimum. Abbreviations should be defined when used for the first time in the abstract and also in the text. Non-standard abbreviations should not be used, unless they appear at least three times in the text.
Units of measurement (3 ml or 3 mL, not 3 milliliters) or standard scientific symbols (e.g., Na for sodium) are not considered abbreviations, and therefore do not need to be defined. Abbreviate chemical substances and terms used for therapeutic combinations. Abbreviations on figures and tables may be used if space is limited, but should be defined in the caption, even if they have been defined in the text of the article itself.

Authors: We strongly recommend up to 6 authors per article. In exceptional cases, we will permit up to a maximum of 10 authors.

Identification of the authors: The ORCID number (Open Researcher and Contributor ID, http://orcid.org/) of each author should be given in the statement of authors' contributions, as outlined below.

Statement of authors' contributions: This must be included at the end of the article, using two minimum criteria of authorship, which include:

- Substantial contribution to the concept or design of the work, or to the acquisition, analysis or interpretation of the data for the work;
- Writing or critically reviewing the manuscript and its intellectual content;
- Final Approval of the version of the manuscript to be published;
- Agreeing to take responsibility for all aspects of the study, to ensure that any issue related to the integrity or accuracy of any portion of it is duly investigated and resolved.

All articles must include a description of the authors' contributions, using the following model:
"Each author made significant individual contributions to this manuscript. MJ: writing, revision and performing the surgeries; CPV: surgeries, analysis of the data, and writing; JVC: statistical analysis, surgeries and revision; OMA: analysis of slides and revision; MASP: writing and revision, and intellectual concept; ACA: surgery, writing, statistical analysis, intellectual concept and preparation of the entire research project."

Article formatting

Recommendations for articles submitted to the RBME.

Type of Article	Abstract	Number of Words**	References	Figures	Tables
Original	Structured – maximum of 300 words	2,500	30	10	6
Review*/ Systematic Review / Meta-analysis	Unstructured – maximum of 300 words	4,000	60	3	2
Update	Unstructured – maximum of 300 words	4,000	60	3	2

*At the request of Editors; ** Excluding abstract, references, tables, and figures.

File Format: Use Microsoft Word® For Windows®text editor or equivalent. Files in PDF format will not be accepted. Tables and graphs should be in their original, editable file format (Excel, Access, PowerPoint, etc.). Figures should be in jpg or tif format, with high resolution (300 dpi). Figures should be included in the Word file, but should also be sent separately (submitted as supplementary documents, in their original files, along with the article submission).

Title Page: The title page should contain (1) the category of the article; (2) the title of the article which must be objective and informative. It must be written in Portuguese, English and Spanish with up to 80 characters each; (3) the full name of each author; institution; relevant academic degrees of origin (e.g. physician, physiotherapist, psychologist, physical education professional, etc.); city, state and country; (4) name of the corresponding author, with full address, telephone number and email address. The authors' academic titles should not be included. The full name of each author (without abbreviations); and their institutional affiliation (note: The hierarchical units should be presented in descending order, e.g., University, college or Institute and Department) should be shown. The full names of the institutions and courses/programs should be shown, in the original language of the institution, or in English if the original is in a non-Latin script (e.g. Arabic, Mandarin, Greek);

Abstract: Each article must include abstracts in Portuguese, English and Spanish. Each version of the abstract should contain no more than 300 words. A structured version is mandatory for original articles, and must include an introduction, objectives, methods, results and conclusion. Review articles and other types of article do not require a structured abstract. Abstracts should include the Level of Evidence and the Type of Study, according to the classification table annexed at the end of this text. The following segmented information, up to 1 paragraph in length, must also be included before the structured abstract in English and in the submission: a) Study Design and b) Clinical Relevance Statement.

· Example: "*Study Design: The design utilized an experimental, controlled prospective, randomized, and pretest/posttest study. Clinical Relevance Statement: The study shows that there is a need for a physical*

conditioning program for transtibial amputation persons after the protetization phase to achieve adequate functional performance. Rehabilitation centers should rethink how to include concurrent training during and after prostetization to prevent loss of functional capacity."

Keywords: The article must include no fewer than three and no more than six keywords, in the Portuguese, English and Spanish versions, based on the Health Sciences Descriptors (DeCS) http://decs.bvs.br/, or the Medical Subject Headings (MeSH) of the National Library of Medicine, available in http://www.nlm.nih.gov/mesh/meshhome.html, or based on the Medical Subject Headings (MeSH) of the Index Medicus (http://www.nlm.nih.gov/mesh/).

Introduction: The Introduction should include: (1) objective justification for the study, with references of relevance to the subject, without giving an extensive review; (2) purpose of the article.

Materials and Methods: This section should describe the experiments (quantitative and qualitatively) and the procedures in sufficient detail to enable other researchers to reproduce the results or continue the study. It should contain: (1) a clear description of the sample used; (2) an informed consent form for experimental studies involving human beings; (3) identification of the methods, devices (name of the manufacturer should be mentioned in parentheses) and procedures used; (4) a brief description and references for published, but not widely known methods; (5) a detailed description of new or modified methods; (6) where relevant, include statistical analyses and the programs used.
Important: When reporting experiments involving humans or animals, indicate whether the procedures followed the norms of the Ethical Committee on Human Experiments of the institution where the research was conducted, and whether the procedures are in accordance with the Helsinki Declaration of 1995 and Animal Experimentation Ethics, respectively. Authors should include a statement indicating that the protocol was approved by the Ethics Committee of the Institution (the institution with which at least one of the authors is affiliated), with the respective identification number. It should also mention that an Informed Consent Form was signed by all the study subjects.

Results: Present the results in logical sequence in the text, using tables and figures. Avoid excessive repetition of data in the text, tables or figures. Emphasize only the most important discoveries.

Discussion: Emphasize the original and important aspects of the study and the conclusions that arise from it. Avoid repeating information already presented in other parts of the manuscript. For experimental studies, emphasize the relevance and limitations of the results, comparing with the literature, and including implications for future studies.

Conclusion: Should be clear and concise, based on the results obtained, establishing a connection with clinical implications, while avoiding excessive generalization. The same emphasis should be given to studies with negative or positive results. Recommendations can be included, where relevant.

Acknowledgements: Where relevant, include acknowledgements or recognition of people who have contributed to the development of the work but do not qualify as co-authors. Sources of funding, such as research assistance and study grants, should be acknowledged in this section. The authors should obtain written permission to mention the names and institutions of all those mentioned in this section.

References: Citations to references should be numbered in the order in which they appear in the text, in superscript font, e.g,: 1,2,3. References cited only in tables or figures should be numbered

according to the order established by the first mention of the table or the figure in the text. The style of bibliographical references should follow the rules of the Uniform Requirements for Manuscripts Submitted to Biomedical Journals (International Committee of Medical Journal Editors, available at Ann Intern Med. 1997;126(1):36-47 http://www.icmje.org). Some examples are given below. Journal titles should be abbreviated according to the Index Medicus (List of Journals Indexed, available at: http://www.nlm.nih.gov/tsd/serials/lji.html). If the journal is not listed in this index, the abbreviation suggested by the journal itself should be used. Abstracts of papers presented at events should only be used if they are the only source of information. All references from the current year or the previous five years should appear in bold font.

Examples:

1) standard journal article

Up to six authors may be listed. If there are more, list the first six authors, followed by *et al*.
Example: Author(s). Title of the article. Title of the journal. Year;Volume(issue number):first-last page numbers.
Goate AM, Haynes AR, Owen MJ, Farrall M, James LA, Lai LY, et al. Predisposing locus for Alzheimer's disease on chromosome 21. Lancet. 1989;1(8634):352-5.

2) Institutional Author

The Royal Marsden Hospital Bone-Marrow Transplantation Team. Failure of syngeneic bone-marrow graft without preconditioning in post-hepatitis marrow aplasia. Lancet. 1977;2(8041):742-4.

3) Book with author(s) responsible for the entire content

Armour WJ, Colson JH. Sports injuries and their treatment. 2nd ed. London: Academic Press; 1976.

4) Book with editor(s) as author(s)

Diener HC, Wilkinson M, editors. Drug-induced headache. New York: Springer-Verlag; 1988.

5) Book chapter

Weinstein L, Swartz MN. Pathologic properties of invading microorganisms. In: Sodeman WA Jr, Sodeman WA, editors. Pathologic physiology: mechanisms of disease. Philadelphia: Saunders; 1974. p.457-72.

6) Electronic Material

Author(s). Title of the article. Abbreviated journal title [support]. Date of publication [date accessed, with the phrase "accessed on"]; Volume (number):first-last pages or [approximate number of pages]. Website with the phrase "Available at:" Example: Pavezi N, Flores D, Perez CB. Proposição de um conjunto de metadados para descrição de arquivos fotográficos considerando a Nobrade e a Sepiades. Transinf.
[Internet]. 2009 [Access on 2010 Nov 8]; 21(3):197-205. Available at: http://periodicos.puc-campinas.edu.br/seer/index.php/transinfo/article/view/501

7) Data Sharing:

Pavezi N, Flores D, Perez CB. Proposição de um conjunto de metadados para descrição de arquivos fotográficos considerando a Nobrade e a Sepiades.

Transinf. [Internet]. 2009. Available at: https://doi.org/10.1590/S0103-37862009000300003. Write [dataset] immediately before the reference so we can identify it properly as a data reference. The identifier [dataset] will not appear in the published article.

Tables: Tables must be created in 1.5 line spacing, and should be planned for a width of one (8.7 cm) or two columns (18 cm) and up to 12 lines. Each table must have a succinct title. Explanatory Notes will be included in footnotes. The table should contain dispersion means and measures (Standard Deviation, Standard Error of the Mean, etc.) and should not contain any irrelevant decimal places. Abbreviations should be consistent with those used in the text and figures. The identification codes

for table items must be listed in the order in which they appear, in the horizontal direction, and must be identified using standard symbols. Charts and tables must be sent in their original, editable files (Word, Excel) and not as images.

Figures: In the printed version of RBME, figures in black and white will be accepted. Images in color may be published if color is essential to the scientific content of the article. In these cases, the authors will be responsible for the additional cost. Color figures may be included in the electronic version of the article at no additional cost to the authors. Drawings and figures should be consistent and as simple as possible, but informative. Grayscale should not be used. All lines must be solid. For bar charts, for example, use black/white bars with diagonal lines in either direction, grid lines, horizontal and vertical lines. RBME does strongly advises against the use of photographs of equipment and animal experiments. Figures should be printed with good contrast and should be no wider than single column width (8.7 cm). If the figure is of an X-ray or photograph, we suggest including the size scale, where relevant.
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The submission of videos is optional, and will accompany the online version of the article. Videos should be submitted together with the article, in a separate file, accompanied by a caption. Videos must be sent in MP4 digital format.

Types of articles
Original Article: RBME accepts all kinds of original research in the areas of Exercise and Sports Sciences and Medicine, including research involving human beings, and experimental research. The article should contain the following items: a structured Abstract, keywords, Introduction, Materials and Methods, Results, Discussion, and Conclusions.
Review Articles: Review Articles should address specific topics in order to update readers on specific themes, topics or issues in the areas of Medicine and Exercise and Sport Sciences. The Editorial Board will evaluate the quality of the article, the relevance of the chosen theme, and the proven merit of the authors in the specific area addressed. If any of the above items is deemed inadequate, the article will be rejected by the editors, without being submitted to a peer review.
Systematic Review/update/meta-analysis: RBME encourages authors to submit systematic literature review articles in the areas of Exercise and Sports Sciences and Medicine. The Editorial Board will evaluate the quality of the article, the relevance of the chosen theme, the bibliographic search procedure, the criteria for inclusion of the articles and the statistical treatment used. If any of the above items is deemed inadequate, the article will be rejected by the editors, without being submitted to a peer review.

Case Report: Specific clinical cases that bring relevant and illustrative information about the diagnosis or treatment of a particular case that is rare in Exercise and Sport Medicine. The articles must be objective and accurate, and must include the following: abstract; introduction; an objective report containing the history, physical examination and findings of complementary exams, as well as treatment and follow-up; discussion, explaining in detail the clinical implications of the case in question, and comparing with the literature, highlighting similar cases reported in the literature; bibliographic references.

Letter to the editor: Letters addressed to the Chief Editor of RBME will be considered for publication if they promote intellectual discussion about a particular article that was recently published in the journal. Letters to the editor must include an informative title and follow the instructions above for publication. They must be no longer than 500 words. If accepted, a copy will be sent to the author of the original article that prompted the discussion, inviting him or her to submit a replica that will be published along with the letter.

Manuscripts Sending

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LEVELS OF EVIDENCE FOR PRIMARY RESEARCH QUESTIONA

[This chart was adapted from material published by the Centre for Evidence-Based Medicine, Oxford, UK. For more information, please see www.cebm.net.]

Type of Studies

Level	Therapeutic Studies Investigating the Results of Treatment	Prognostic Studies Investigating the Effect of a Patient Characteristic on the Outcome of Disease	Diagnostic Studies Investigating a Diagnostic Test	Economic and Decision Analyses Developing an Economic or Decision Model
I	High quality randomized trial with statistically significant difference or no statistically significant difference but narrow confidence intervals Systematic review[b] of Level I RCTs (and study results were homogenousc)	High quality prospective study [d] (all patients were enrolled at the same point in their disease with ≥80% of enrolled patients) Systematic review[b] of Level I studies	Testing of previously developed diagnostic criteria on consecutive patients (with universally applied reference "gold" standard) Systematic reviewb of Level I studies	Sensible costs and alternatives values obtainec from many studies; with multiway sensitivity analyses Systematic review[b] of Level studies
II	Lesser quality RCT (eg, < 80% followup, no blinding, or improper randomization) Prospectived	Retrospective[f]study Untreated controls from an RCT Lesser quality prospective study (eg, patients enrolled at different points in their	Development of diagnostic criteria on consecutive patients (with universally applied reference "gold" standard)	Sensible costs and lternatives; values obtainec from limited studies; with multiway

	comparative studye Systematic review[f] of Level II studies or Level I studies with inconsistent results	disease or <80% followup) Systematic review[b] of Level II studies	Systematic review[b] of Level II studies	sensitivity analyses Systematic review[b] of Level II studies
III	Case control study[g] Retrospectivef comparative study[e] Systematic review[b] of Level III studies	Case control study[g]	Study of nonconsecutive patients; without consistently applied reference "gold" standard Systematic review[b] of Level III studies Case-control study Poor reference standard	Analyses based on limited alternatives anc costs; and poor estimates Systematic review[b] of Level III studies
IV	Case series[h]	Case series		Analyses with n sensitivity analyses
V	Expert opinion	Expert opinion	Expert opinion	Expert opinion

[a] A complete assessment of quality of individual studies requires critical appraisal of all aspects of the study design. [b] A combination of results from two or more prior studies. [c] Studies provided consistent results. [d] Study was started before the first patient enrolled. [e] Patients treated one way (eg, cemented hi arthroplasty) compared with a group of patients treated in another way (eg, uncemented hip arthroplasty) at the same institution. [f] The study was started after the first patient enrolled. [g] Patients identified for the study based on their outcome, called "cases" eg, failed total arthroplasty, are compared with patients who did not have outcome, called "controls" eg, successful total hip arthroplasty. [h] Patient treated one way with no comparison group of patients treated in another way.

Sources:

1. http://blog.scielo.org/blog/ 2017/02/22/scielo-preprints-a-caminho/#.Wt3U2IjwY2w
2. http://asapbio.org/preprint-info
3. https://blog.scielo.org/blog/2020/05/13/scielo-atualiza-os-criterios-de-indexacao-nova-versao-vigora-a-partir-de-maio-de-2020/

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The authors participated in the conception, analysis of results and contributed really in the realization of the article and make public their responsibility for the content.
There are no conflicts of interests with the topic addressed in the article, nor with the products / items mentioned.
The sending has not been published before nor has it been submitted for consideration by any other magazine (or an explanation has been provided in the matter in the Comments to the editor).
The file of sending is in format Microsoft Word or RTF.
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The text has double line spacing; 12 points font size Times New Roman; the bibliography is configured according to the APA format; and all the illustrations, figures and tables are placed in the appropriate places of the text, instead of at the end.
The text does not contain author's data: names, contact, curriculum vitae, etc., to assure the double-blind arbitration.
The text adheres to the stylistic and bibliographic requirements summarized in the Author's Guidelines, which appear in About the magazine.

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Lecturas: Educación Física y Deportes *keeps the receipt of manuscripts permanently open for evaluation, inviting all researchers in the discipline to participate, mainly authors from outside the publishing entity.*

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The notes must develop the theme in depth with a clear and easy to read style. The content must be Original and Unpublished (for any media, including blogs, social networks, virtual libraries, etc.) and it must not be simultaneously postulated in other magazines or publishing organs. If it was a lecture at an event, indicate place, institution and date thereof. The articles are forwarded under pseudonym to professional specialists who intervene as external reviewers of the Magazine, for their academic supervision through the double blind arbitration.

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All contributions submitted must be original and unpublished.

Sections of the group "Research studies": in the sections of this category only scientific communications, that must refer to new knowledge based on the results obtained from the research or investigations carried out, are published. A clear explanation of the contribution they make to the scientific knowledge of the journal's disciplinary field must be developed (in each issue Lecturas: Educación Física y Deportes publishes a minimum of 80% of Original Content articles in relation to all contributions):

- Research Articles
- Case Studies (Clinical)
- Essays

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Sections of the group "Non-exclusively research works":

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- Innovation and Experiences
- Opinion Articles
- Brief Communications
- Information (supervised by the Editorial Board)

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Format

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The text must be sent corrected, with no orthographic, grammar, style or editing errors. The APA Standards for bibliographic references should be used. The tables, graphs and images must be numbered each one separately, consecutively starting at number one, included in the text in the order as they should be published.

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About keywords

Keywords can be up to six.

For the selection of the terms that describe the content of the article, the following terminological tools (thesauri) will be used. Depending on the term / s to work, the following sites should be consulted, by alphabetical index or search tool, depending on the thematic area or domain of knowledge that corresponds (each portal offers consultation in different languages and responds to specific topics):

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  Keyword selection: for each term the "preferred term" corresponding to the keyword to be used is indicated.

  http://vocabularies.unesco.org/browser/thesaurus/en/

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  https://vocabularyserver.com/vcb/index.php

- DeCS
  Available languages: English, Spanish and Portuguese.

  Descriptors in Health Sciences. VHL (Virtual Health Library).
  Keyword selection: for each term the "descriptor" is indicated, in each language, which corresponds to the authorized keyword.

  http://decs.bvs.br/E/homepagee.htm (acceder a sección "Consulta al DeCS")

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Considerations on ethics involving humans
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3. Keywords
4. Body text
5. Acknowledgments
6. Conflict of interests
7. Statement funding
8. References
9. Appendixes (as applicable)

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Please note that the e-mail address of the corresponding author will usually appear in the printed article (PDF) and in the online article. Download the template of the Title Page.

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The importance of the paper title
The title and summary are very important for search engines on the Internet; many of whom only indexing these two parts of your article. Thus, your paper title should be concise, accurate and informative. Read more in ***Optimizing the visibility of your article on the internet***.

2. Abstract
For all types of articles, the abstract should not exceed 250 words and must summarize the work, giving a clear indication of the conclusions contained therein. It should be *structured* with sections: Introduction, Methods, Results and Conclusion. Review articles present the sections: Introduction, Discussion and Conclusion. The templates should be used.
Articles in English will be required to submit the summary in both languages: Portuguese (Summary) and English (Abstract). In no case exceeding the limit of words count. Read more about good attributes for the *Abstract* in ***Optimizing the visibility of your article on the internet***.

3. Keywords
The manuscript should have 3-5 key words. It is essential that authors, reviewers and editors employ every effort to ensure that the articles can be found online, quickly, accurately and preferably within the three main keywords indicated. In this context, the proper use of keywords is crucial. Please to choose your keywords consulting the descriptors in the Health Sciences Virtual Library (Biblioteca Virtual de Saúde: BVS) and / or the Mesh Terms. One should be very carefull choosing the keywords because the use of proper keywords helps in increasing the chances of the article to be located and therefore cited; there is a strong correlation between displayed online results and subsequent citations in journal articles (read more in ***Optimizing visibility of your paper***). Search engines on the Internet are the main starting points. Students are increasingly likely to start your search using Google Scholar ™ instead begin by traditional starting points as physical libraries and / or print journals. The terms of keywords may differ from the actual text used in the title and abstract, but must accurately reflect what the article is about.

4. Body Text
The texts must be produced in Word 2003 format or later, using font Times New Roman size 12, with a margin of 3 cm on the left, double-spaced. The text may contain headings and subheadings, bordered on the left. The titles should be in bold with only the first letter of each word capitalized. Subtitles should be highlighted only in italics. If necessary, the second level of subtitles it shall only be underlined. It should be avoided more than these levels.
Please download the template for your Type of Article, which contains the specific format.
The different types of articles and their respective sections can be found in Types of Articles section.
All other details should be consulted in the Style and Formatting section.

5. Acknowledgments
Special thanks; recipients must consent to be mentioned.

6. Conflict of interests
Statement whether there is any conflict of interest between authors and / or institutions to publication of the article is necessary. The section is required to appear after the body text (use the templates).

7. Statement financing
Declare the sponsoring institution of the study. Required section to appear before the references (use the template).

8. References
The authors are responsible for the accuracy of cited references and should be checked before submitting the manuscript. Maximum number of citations is 40 references; except for review articles. Authors should respect this limit. The style of references used by the ***Revista de Educação Física / Journal of Physical Education*** is the *Imperial College London Vancouver* (see examples below). The style is available in the free reference manager Zotero, which operates in the Mozilla Firefox. First, you must install the application, then install the *plugin* appropriate to your text editor, then download the style. Please, note that the titles of periodicals are presented in italics (books and others are different, see details below) and DOI (see below) when available should be included.

Citations in the text
When making a citation in the text, if there is more than one author, use the expression "et al." after the name of the first author. References should be numbered consecutively as they arise throughout the text. References cited in figures or tables (or their legends and their footnotes) should be numbered between parentheses, according to the location in the text where the table or figure, the first time it has been cited. Reference numbers in the text should be inserted immediately after the parenthesis (no spacing between words); for example: ,(6) and not , (6). Where there is more than one citation, they shall be separated by a comma, for example: (1, 4, 39). For sequences of consecutive numbers, to the first and the last sequence number separated by a hyphen, for example, (22-25). In the case of a book, the pages should be mentioned.

The list of references
References should be numbered consecutively in the order they are mentioned in the text. Only published or in press should be included in the reference list. Personal communications or unpublished data should be cited in parentheses in the text with the name (s) (s) source (s) and the year.
In the reference list if a citation refers to more than three authors, list the first 6 and add "et al.". Use only one space between words until the year, and then, without spaces. The title of the magazine should be in italics and

abbreviated according to the style of Medline. If the journal is not listed in Medline, then it should be presented completely .
Please note that if the references are not listed in order, the manuscript can be returned for corrections before being sent to the editor to enter the review process.

Examples of citation on the references list:
Journal articles
6. Bertheussen GF, Romundstad PR, Landmark T, Kaasa S, Dale O, Helbostad JL. Associations between physical activity and physical and mental health--a HUNT 3 study. Med Sci Sports Exerc. 2011;43(7): 1220–1228.
7. Freitas VH, Nakamura FY, Miloski B, Samulski D, Bara-Filho MG. Sensitivity of physiological and psychological markers to training load intensification in volleyball players. J Sports Sci Med. 2014;13(3): 571–579.

Books
2. Åstrand P-O. Textbook of work physiology. 4th ed. Champaign, IL: Human Kinetics; 2003.
3. Kenney WL, Wilmore J, Costill D. Physiology of Sport and Exercise. 5th ed. Champaign, IL - USA: Human Kinetics; 2012. 642 p.

Electronic citations
Websites are referenced by URL and access date. The latter, very important because the sites can be updated and the URLs may change. The date of "accessed" may occur after the date of acceptance of the article.
Articles of electronic journals
1. Bentley DJ, Cox GR, Green D, Laursen PB. Maximising performance in triathlon: applied physiological and nutritional aspects of elite and non-elite competitions. J Sci Med Sport. [Online] 2008;11(4): 407–416. Available from: doi:10.1016/j.jsams. 2007.07.010.

Digital Object Identifier (DOI)
DOI is a network that was established to identify intellectual property in the online environment. It is particularly useful for articles that are published online before they appear in print and, therefore, have not yet received the traditional numbers volume, number and page references. Thus, the DOI is a permanent identifier for all versions of a manuscript, whether raw or edited proof, online or in print. It is recommended to include the DOI in the reference list.

9. Appendixes
Very large table, pictures and other files can be attached to the article as Appendices in separate files as applicable.

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Style and format

1. Writing style
The text should be prepared in scientific style, succinct and easy to read (read more about ***Scientific Writing Style***). It is desirable: an informative title, a concise summary and a well-written introduction. Authors should avoid excessive use of the passive voice and use unnecessarily abbreviations produced within the text itself. It will be accepted in the case of abbreviation that refers to the variable study's object. The considerations about the ethical aspects of research involving human subjects must appear at the end of the methods section (use template) Figures and tables should be used to increase the clarity of the article. Please, have in mind that your readers are not all experts in your discipline.

2. Language
The manuscript must be written in Brazilian Portuguese or English. The latter can be British or American, however, the text should be standardized not admitting mixture of languages. All articles must present the Abstract in both Portuguese and English.
Authors whose native language is not English must submit their work for review / preview translation of a native reviewer and submit the certificate of translation in *Supplementary Documents*. That procedure aims to garantee text correction and quality of the production in order to ensure international credibility to the content published. Examples of sites that ofers this kind of service are Elsevier Language Services and Edanze Editing. There are also many other websites that offer these services; none of responsibility of this Journal. The responsibility of idiomatic textual revision lies with the authors. It is recommended that authors revise their work after idiomatic translation / review, as often occur contextual errors related to the specificity of each area.
It is noteworthy that English language articles gain greater visibility in the international scientific community. Thus, the scientific production in this format is strongly encouraged.

3. Formatting text
The text should be processed in Word font Times New Roman 12 point, double-spaced, with margins of three centimeters (3 cm) on the left, with header and footers formatted according the templates. For instance, the only element in footer is the page number that should be located at the bottom of the page on the right. The line numbers will be inserted in the main document (set upped in Word, in <*Page Layout*> menu). Do not use footnotes, unless absolutely necessary. The manuscript should have the following structure: Introduction, Methods, Results, Discussion and Conclusions, with captions accepted. For the preparation of articles refer to Type of Articles section and to format your article according to its template, download it and insert your text in it.
Authors should make every effort to ensure that manuscripts are presented as concisely as possible. Ideally, the main body of text should not exceed 4,000 words, excluding references. Longer manuscripts can be accepted at the discretion of the respective Section Editor, whom the authors should send in *Supplementary Files* a letter-

justification that should accompany those texts that exceeds the wourds count. See the item Types of Articles the number of words for each article type.
The style of scientific writing is mainly characterized by clarity, simplicity and correct grammar. Clarity in writing is obtained when ideas are presented without ambiguity, which guarantees the univocity (characteristic of what can only be interpreted one way); further, clarity is related to the domain of the knowledge that the author has. For more details on the scientific see ***Scientific Writing Style***.

Types of articles

Read the instructions below and then download the appopriate template for your paper. The word count does not include the *Abstract, Tables and References*.

In *Sports Sciences*

• Original articles
Original articles contain no more than 4,000 words, and have the following structure: *Introduction, Methods, Results, Discussion and Conclusion*.

• Review article
Review articles may be systematic review and meta-analysis, systematic review without meta-analysis and narrative review. Contain no more than 6,000 words and, as applicable, will have the following structure: *Introduction, Methods, Results and Discussion, and Conclusion*. The *Results and Discussion* session consists of an integration of the results with the discussion of the findings. For further understanding, see the article *Systematic Review x Narrative Review* (1).

1. Rother ET. Systematic literature review X narrative review. *Acta Paulista de Enfermagem*. [Online] 2007;20(2): v – vi. Available from: doi:10.1590/S0103-21002007000200001 [Accessed: 31st March 2015].

• Case Study and Brief Report
Case Studies and Brief Report contain no more than 2,500 words, and have the following structure: *Introduction, Methods, Results, Discussion and Conclusion*.

• Commentary
Commentaries are published under invitation from the *Editor-in-Chief* of the ***Revista de Educação Física / Journal of Physical Education***. This type of article presents the analysis of scientists and other experts on issues relevant to the journal scope. Must contain no more than 1,200 words and a summary. The *Commentary* may be submitted to peer review, the Editor's discretion.

Other article types in *Sports Management*

• Research Notes
Research notes articles report project development test and data analysis, contain no more than 4,000 words, and have the following structure: *Introduction, Methods, Results, Discussion and Conclusion*.

• Book reviews
Book reviews refer to those out of editing (Off the Press), contain no more than 6,000 words, and have the following structure: *Introduction, Development and Conclusion*.

In *Historical Aspects of Physical Education*

• Historiography, Historical Research and Memory
Historiography, Historical Research and Memory articles contain no more than 6,000 words, and have the following structure: *Introduction, Methods, Results and Discussion*.

Templates
Together with main sections of the manuscript are the sections *Strengths and Limitations of the Study*, *Declaration of Conflict of Interest*, and Funding Statement, which are mandatory.

Title Page
Original Article
Review Article
Case Study and Brief Report
Commentary

Other Templates in *Sports Management*
Research Notes
Book Review (off print)

Templates on *History of Physical Education*
Historiography / Historical Research / Memory

IMPORTANT: Articles out of format stipulated in these instructions may be immediately excluded from consideration for publication.

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Tables and Figures
Tables and figures (preferably colored) should be *included into the text* and numbered with Arabic numerals in sequential order (ex .: Table 1, Table 2, and so on). The titles of tables must precede them, while the figure captions should be placed below them. The details of the specifications for the figures are explained in detail below (See the templates).

Tables
Tables should be self-explanatory, with an informative title positioned above the table, clear and concise. Further details can be placed below the table in legends. The line units and column should be without vertical or horizontal lines, except line with the data headers (column headings), the main body of the table, and after the body of the table. Check out and use the templates.

Figures
Each figure should be prepared in two versions (color and black & white). The color version should be inserted in the text usually with the respective captions of the figures (below the figure). The black & white version should be sent in Supplementary documents, whose file should be named properly with the symbol "bw" at the end (Example: "Fig1 bw.jpg"), both versions (in the text - colored; and documents additional - black and white) must have a minimum resolution of 300 dpi. Photos, drawings and more than one graph in the same figure shall be referred to as Figure 1, Figure 2 and so on. They must be numbered in the order they appear in the text. Diagrams and drawings should have digital format (.jpg or .jpeg).
For the printed version, the pattern of figures is black and white. So please, produce their pictures and images in black and white precise as possible (check the resolution and format of your files) in order to illustrate and adequately inform the reader what it is.
Please make sure that the resolution of each file is within the set. The total figures and / or tables of a manuscript shall not exceed the amount of 4 (four). For *Case Study* articles, *Brief Report* and *Commentary* this amount is a maximum of two (2).

Additionally, we encourage authors to send images (photographs) illustrating the research work referred to in Article. See item *Cover Illustration*.

Considerations on ethics in research involving human subjects
The ***Revista de Educação Física / Journal of Physical Education*** accepts only studies that have been conducted in accordance with the highest standards of ethics and protection for participants. The Resolution No. 466 of the National Council of Ministry of Health of Health, published on December 12, 2012, contains the guiding principles, and covers global principles on the subject including the Declaration of Helsinki, which offers greater protection to both volunteers and researchers in conducting scientific research involving human beings or information about these. All the experimental work involving human subjects must conform to the stipulated requirements and, as appropriate, with the laws of the country where the work was done. The manuscript should contain a statement that the study was approved by a recognized ethics committee or by a review board. Although the subject matter is of public domain information, such as population or other statistical data, formal ethical approval must be obtained to confirm that there has been due consideration of issues related to ethics. Similarly, in the case of retrospective data analyzes, such as those produced by long-term monitoring data of athletes or other occupational categories in which physical fitness tests are carried out, the approval on the ethics involving human subjects must be obtained.
The statement on the ethical approval must be made at the end of the Methods section and the registration number obtained approval if there is one, it should be included.

Peer review (double blind)
The process of analysis and assessment of the articles is carried out by experts (teachers and doctors) from different areas of knowledge members of the journal's scope, with the anonymity of both authors and reviewers ("double blind review"). So the manuscript must not include any information that clearly identifies the authors or their affiliations, which shall figure only on the title page that is sent separately to the article. Please be sure to remove the properties of your main document items that identify the authors.
Information about the authors and the corresponding author should be sent in separate file named Title Page. See the template.

Editorial decisions
Accepted: This decision implies that the article does not suffer content settings, only minor editorial changes.
Revisions required: This definition implies that minor adjustments are still needed for the item to go to the accepted.
Submit the new round: This definition implies that the article needs to be widely published in order that further evaluation is carried out by auditors. Usually this decision is made in cases where the article has merit due to experimental design but need to go a long way in writing in order to effectively convey quality with the findings of the study.
Reject: This decision applies to studies which reviewers do not check enough innovations in experimental design or justification for their realization. Taking this decision does not preclude a new article submission since the authors are able to contemplate the questions of the reviewers through a letter responding to all questions raised by the reviewers and the section editor. In the case of a new submission, the article is considered as a new submission.

Aiming high scientific quality, during the Editorial process editors may request textual revisions that make the production clear and concise.

Terms and nomenclatures

Terms and nomenclatures must respect international system for symbols, units and abbreviations.
Scientists have tried to increase the comparability of studies and also reliability. In this context, the terms and constructs to be used by the authors should preferably draw on those already existing and well established in the literature. Authors should consider the terms in the *Guide to Physical Activities of the US Disease Control Center* (1), in which scientists sought to standardize concepts and terminology. Some examples of concepts and definitions mentioned in the guide are:

- Physical activity

And its subcategories:

- Regular physical activity
- Exercise
- Sport
- Aerobic Exercise

In addition, to measure the level of physical activity, the literature suggests that existing recognized instruments use standardization of energy expenditure in METs (metabolic equivalent) by the Physical Activities Compendium of Ainsworth et al. (2). The most used are the Baecke's Questionnaire (3) and the International Physical Activity Questionnaire – IPAQ (4).

References:

1. Department of Health and Human Services D. Physical activity guidelines for Americans. *Okla Nurse*. 2009;53(4): 25.
2. Ainsworth BE, Haskell WL, Whitt MC, Irwin ML, Swartz AM, Strath SJ, et al. Compendium of physical activities: an update of activity codes and MET intensities. *Medicine and Science in Sports and Exercise*. 2000;32(9 Suppl): S498–S504.
3. Baecke JA, Burema J, Frijters JE. A short questionnaire for the measurement of habitual physical activity in epidemiological studies.American Journal of Clinical Nutrition. 1982;36: 936–942.
4. Craig CL, Marshall AL, Sjöström M, Bauman AE, Booth ML, Ainsworth BE, et al. International physical activity questionnaire: 12-country reliability and validity. *Medicine and Science in Sports and Exercise*. [Online] 2003;35(8): 1381–1395. Available from: doi:10.1249/01.MSS.0000078924.61453.FB [Accessed: 5th July 2012].

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Electronic submission of articles

The submission of papers to the ***Revista de Educação Física / Journal of Physical Education*** of the *Brazilian Army Center for Physical Training* is made exclusively by the Open Journal System (OJS). New users must first register into the system. Once logged in, submissions must be made through the Author's Center.
In the submission, authors should select the relevant section in relation to their article.
Authors should keep a copy of all materials submitted for future reference. Papers submitted to the journal are anonymously refereed by recognized experts in the field; at least two of these referees will be involved in this process. In case of conflicting reviews, the Section Editor normally seek a more independent assessment. As the Journal operates a policy review by anonymous pairs, please make sure that was taken from the properties of your manuscript the author's identifying information. If you are submitting a revised manuscript and have used change tracking, please make sure that all comments are anonymous in order to ensure their anonymity. During the evaluation process, please highlight your text changes using the red font color.
During submission, authors are required to indicate three possible experienced reviewers for their work, which may or may not be required; they should not have been about it and nominated one cannot be members of institutions of the authors. The nomination of the reviewer is of the Section Editor's discretion and at least one of the reviewers involved will be independent of indications.
Manuscripts can be submitted in .doc or .docx format. All versions of the work will be saved during the evaluation process.
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Nome abreviado: **Rev. Educ. Física / J. Phys. Education**

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About the Periodical

Focus and Scope

The journal *Conexões* aims to disseminate scientific production in Physical Education and related areas, contributing to the discussion and development of knowledge in the field. The journal accepts submissions of texts produced by professionals and researchers from all areas involved with the themes of physical activity, body practices, and sport. It adopts an "open access" philosophy, allowing free and unrestricted access to its content. It adopts a self-archiving policy through the online submission of originals by the author(s) of the works themselves.

Frequency

Continuous Publication

Submission and Author Guidelines

Articles should be submitted online and must follow the Author Guidelines available here . See the Tutorial on how to submit your article here .

Peer Review Process

Articles submitted to the journal *Conexões* are evaluated by two reviewers or *ad-hoc* reviewers . This task uses a double-blind system, resulting in the following decisions: approved for publication; approved with corrections; rejected for publication. If an article receives one approved and one rejected review, it is sent to a third reviewer who makes a final decision. Articles that receive one approved with corrections and one approved for publication, or two reviews with corrections, are sent back to the author for the requested changes and are re-evaluated after corrections. The deadlines for the author to make corrections vary between 15 and 30 days. Rejected articles are not returned, and the author is notified of the decision. Articles written by specialists from various fields of knowledge may be published, provided they are of interest to the field of Physical Education and its interfaces. The editors do not assume responsibility for opinions expressed in signed articles or transcribed materials. The editors reserve the right to select articles for publication and to seek expert opinion to verify the quality of the work. The journal does not publish texts already published in scientific events, guest articles, and/or translated articles. Originality is a prerequisite for publication.

History of the periodical

Conexões is a traditional journal in the field of Physical Education. It has been published since 1998 and, since 2003, has been the responsibility of the Faculty of Physical Education at Unicamp. Its name reflects its multidisciplinary character, publishing studies from sports sciences that focus on physical activity and body practices. Throughout its history, it has stood out as a vehicle with great national visibility and international reach, especially in Latin America. It offers its readers current knowledge backed by rigorous evaluation. For its contributors, it provides significant dissemination of their work through the Unicamp *Portal* of Electronic Scientific Journals (PPEC).

For two consecutive years, Conexões was the most accessed Unicamp journal on PPEC. In 2019, it adopted the Continuous Publication system. In 2020, it was indexed by Lilacs, in addition to being included in other important indexing services.

Cataloging in Publication prepared by: Gildenir Carolino Santos - CRB-8ª/5447

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Brazilian Journal of Development
ISSN: 2525-8761

About the Journal

Focus and Scope

The **Brazilian Journal of Development (BJD)**, *edited by Brazilian Journals Publicações de Periódicos e Editora Ltda. CNPJ 32.432.868/0001-57*, arose with the perception of some Brazilian professors that the subject of development lacks means of disseminating scientific research. It is a monthly publication whose objective is to disseminate knowledge in the area of development through the publication of scientific articles, which present original contributions, both empirical and theoretical.

The thematic coverage of the BJD, considering its essence, covers all areas of knowledge described by CNPq, provided the research presents a contribution to development.

The BJD accepts contributions written in Portuguese, English or Spanish.

Peer Review Process

• This journal adopts the double blind review arbitration system, with a minimum of 2 evaluators per article. A third evaluator will be consulted if there is a divergence in the opinion of the first two.

• All papers submitted to this journal will be examined, evaluated and will have their merits judged by external evaluators, and the authors will be notified of the acceptance or refusal of their work.

• If the article is denied, the author will be given a new evaluation for the next edition.

• Before submitting for peer review, the authors must submit a Letter of Originality and Assignment of Rights, duly signed by all authors.

• The basic content of this letter must include, besides the date, city and signature of the authors, the text: "We, (fill in the authors name, institutional link, CPF and full address), authors of the arti hereby declare the originality of this document submitted and declare that it has not been subm to another journal and will not be submitted, if it is accepted and published by the Brazilian Journal of Development. on the aforementioned article for the Brazilian Journal of Development".

• Authorship: maximum of 8 authors per article.

• Languages allowed: Portuguese, English and Spanish.

• **FIGHT AGAINST PLAGUE**: All articles received are previously evaluated by the editor-in-chief. If plagiarism is suspected, the article is automatically declined.

• If published, the authors assign the copyright and publication rights of their articles to the BJD.

• The BJD exceptionally sends fast-track invitations to articles presented at national and internationally renowned congresses. In these cases, the responsibility for not publishing the article in another journal is exclusively the authors, and it is not up to the BJD to investigate if the article was published in another journal.

• The maximum time between submission of the article, evaluation and initial opinion is 30 days.

Parameters for Evaluating Articles

The evaluators completed the following questionnaire, with a 5-point Likert scale (strongly disagree, partially disagree, neither agree nor disagree, partially agree, strongly agree):

1. Current, original and relevant topic

2. Objectives and research question

3. Literature review

4. Methodology used

6. Data analysis, results and discussions

7. Conclusions

8. Scientific contribution

9. Text formatting and organization

In the end, they must: Accept; Accept with minor modifications; Accept with major modifications; Submit the new assessment; Reject; and write a text justifying your opinion.

Free Access Policy

This journal offers immediate free access to its content, following the principle that providing free scientific knowledge to the public provides greater global democratization of knowledge.

The authors are advised to make their articles available in institutional databases and repositories.

Frequency

The Brazilian Journal of Development (BJD), edited by the Brazilian Journals Publicações de Periódicos e Editora Ltda., is an online scientific journal, published monthly, and adopts a continuous flow system for both submission and publication of articles.

Journal History

The **Brazilian Journal of Development** (ISSN 2525-8761), edited by the Brazilian Journals Publicações de Periódicos e Editora Ltda. (CNPJ 32.432.868/0001-57), is an initiative of a group of Brazilian teachers that emerged independently and with the goal of disseminating knowledge in the area of development, both nationally and internationally.

Thus, this journal accepts articles from all areas of knowledge that bring relevant contributions to development, nationally and internationally.

Mission: The mission of the BJD is to publish scientific research that presents relevant contributions to the advancement of developing knowledge.

Objective: The goal of the BJD is to contribute to the dissemination of scientific knowledge in the area of development, nationally and internationally.

Target: BJD has as a target audience the entire national and international scientific community that researches development issues.

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Author Instructions

These notes are provided for the convenience of authors considering preparation of a manuscript.

The full-length instructions are available on our submission site, Editorial Manager (https://www.editorialmanager.com/amhp/default2.aspx). Submissions that do not substantially conform to those instructions will be returned without review.

We conform to the International Committee of Medical Journal Editors (ICMJE) Recommendations for the Conduct, Reporting, Editing and Publication of Scholarly Work in Medical Journals.

Journal Mission and Scope

Aerospace Medicine and Human Performance is published monthly by the Aerospace Medical Association. The journal publishes original articles that are subject to formal peer review as well as teaching materials for health care professionals. The editor will not ordinarily review for publication work that is under consideration or has been accepted or published by another journal except as an abstract or a brief preprint.

Rules for Determining Authorship

Each person designated as an author should have made substantial intellectual contributions as specified in the Instructions for Authors.

AI Policy

The journal's AI policy can be found at here (/wp-content/uploads/2025/08/AMHP-AI-Journal-Policy.pdf).

Ethical Use of Human Subjects and Animals

The Aerospace Medical Association requires that authors adhere to specific standards for protection of human subjects and humane care and use of animals. The methods section of a manuscript must explicitly state how these standards were implemented. Details appear as specified in the Instructions for Authors.

Reference Style

The style for references is the National Library of Medicine (NLM) format using citation-order, i.e., numbered in the order cited.

Privacy - Terms

Selection and Formatting of References

The Corresponding Author is responsible for providing complete, accurate references so that a reader can locate the original material. References must be cited in numerical order in the text, tables, and figure captions; the reference list should be created after all references have been cited. If electronic references are used, they should be readily available to the reader.

Publication Procedures

Once the Editor has accepted a manuscript, the electronic source files for text and figures (TIFF or EPS preferred) are forwarded to the publisher, the Aerospace Medical Association, for conversion to printable format and final copy-editing. Correspondence related to publication should be directed to the Managing Editor at the Association Home Office: (703) 739-2240, X101; rtrigg@asma.org (mailto:rtrigg@asma.org).

When the paper is ready for publication, the printer places on its web site a PDF file depicting the typeset manuscript. The Corresponding Author will be notified by e-mail and is responsible for correcting any errors and for responding to any "Author Queries" (AQs).

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The five types of articles specified below should be submitted through the web site and will undergo peer review. Other articles, including Letters to the Editor, Book Reviews, and teaching materials, should be submitted by e-mail to the Editorial Office. Letters to the Editor are limited to 500 words of discussion and/or criticism of scientific papers that have appeared in the journal within the past year. If your manuscript does not fit the parameters laid out below, an exception may be

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Describe new techniques or devices or interesting findings that are not suitable for statistical analysis. They should contain the same sections as a Research Article but should not exceed 3000 words with approximately 12 references.

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Tables and figures should be used strictly to advance the argument of the paper and to assess its support. Authors should plan their tables and figures to fit either one journal column (8.5 cm), 1.5 columns (12.5 cm), or the full width of the printed page (18 cm). Tables should be assigned consecutive Roman numerals in the order of their first citation in the text. Tables should not ordinarily occupy more than 20% of the space in a journal article. Figures (graphs, photographs and drawings) should be assigned consecutive Arabic numerals in the order of their first citation in the text. Line drawings of equipment are preferable to photographs. All graphics should be black & white: 1200 dpi for line art; 300 dpi for photos; 600 dpi for combination art. They must be sent electronically, preferably as high resolution TIFF or EPS files. See Documents to Download online for further instructions.

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Focus and Scope

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RGSA's mission is to promote and disseminate scientific knowledge through interdisciplinary approach. The journal seeks to drive the advancement of academic research while building stronger connections between scholarly work and societal

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Once the manuscript is accepted, authors are notified through the system and are required to pay the publication fee to Open Access Publications Ltda., the organization responsible for managing RGSA. After the payment is confirmed and both the payment receipt and final English version of the manuscript are submitted, the paper moves into the editing stage, which generally takes about seven days.

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To ensure a thorough and consistent evaluation process, RGSA uses a standardized peer review form. This tool helps reviewers systematically assess manuscripts while providing space for personalized, constructive feedback aimed at improving the overall quality of submissions.

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Finally, the reviewer provides an overall recommendation, choosing from acceptance, acceptance with revisions, or rejection.

International Journal of Biology and Biomedical Engineering

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International Journal of Biology and Biomedical Engineering

ISSN: 1998-4510



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Periodicity

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Peer Review Process

A double-blind peer review process (anonymous for both reviewers and authors) is adopted, except for articles available on preprint servers or whose authors opt for open evaluation (Open Science Compliance Form), where a 'simple-blind' evaluation occurs. Texts are submitted online and, if following publication standards, are forwarded to a Section Editor for initial assessment.

At this stage, the relevance of the submission to the journal's scope is assessed, and among other formal aspects considered, the relevance and originality of the topic and the adequacy and density of the theoretical-methodological approach used are highlighted. Only texts approved at this stage will proceed to the next stages of merit evaluation.

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Articles forward to peer review, after the review process, will be sent to the authors with the editorial decision, indicating required revisions and/or final acceptance or rejection. In the case of required revisions, the articles will be returned to the authors for adjustments, and a new round of review will be requested from the Section Editors and/or *ad hoc* reviewers.

Upon completion of the *ad hoc* reviewers' analysis, the Section Editor will send the final decision (where the reviewers' anonymity is preserved) that will be expressed as follows:

a) *Accepted for Publication:*The work is fully accepted for publication in one of the upcoming issues of the journal, according to the chronological criterion of completion of the review process.

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All reviews will be available to the authors, *ad hoc* reviewers, and section editors.

If the author disagrees with the review received, they may request a reconsideration from the journal's Editorial Board, who, if deemed appropriate, will forward the request to the same reviewers and section editors or, depending on the case, will request a review from another *ad hoc* reviewer or another Editor.

The **Brazilian Journal of Occupational Therapy** publishes the name of the editor responsible for the evaluation process in the final version of the article.

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The assignment of reviewers and the management of the editorial workflow of these articles will be conducted by the guest editor, who must acknowledge and agree to the Journal's editorial and ethical practices, and will be under the supervision of the editor-in-chief, who holds the ultimate responsibility for ensuring compliance with the Journal's editorial policies.

Language

English

Español (España)

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Cadernos Brasileiros de Terapia Ocupacional/Brazilian Journal of Occupational Therapy

ISSN 2526-8910

About the Journal

Focus and Scope

The Bioscience Journal is an interdisciplinary electronic journal that publishes scientific articles in the areas of Agricultural Sciences, Biological Sciences and Health Sciences. Its mission is to disseminate new knowledge while contributing to the development of science in the country and in the world. The journal is published in a continuous flow, in English. The opinions and concepts expressed in the published articles are the sole responsibility of their authors.

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Web of Science, Scopus, DOAJ, EBSCO, LILACS, SCI Journal, Latindex, Diadorim, and Google Scholar.

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ISSN 1981-3163 - Online Journal

Periodicity

In January of 2021, the journal started using the **continuous publication** modality, that is, one single yearly volume with the same number of articles, but with a faster publication flow.

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574.05

Language

English

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Guide for Authors

About the journal

Aims and scope

The *Journal of Bodywork and Movement Therapies* is a journal that handles **therapeutic techniques** and professional debate.

Publishing illustrated articles on a wide range of subjects, this journal is relevant to everyday clinical practice in **private, community** and **primary health care** settings.

Techniques featured include:

- Physical Therapy
- Osteopathy
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The *Journal of Bodywork and Movement Therapies* is the official journal of

- The Association of Neuromuscular Therapists

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All authors should have made substantial contributions to all of the following:

The conception and design of the study, or acquisition of data, or analysis and interpretation of data.

Drafting the article or revising it critically for important intellectual content.

Final approval of the version to be submitted.

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The declaration does not apply to the use of basic tools, such as tools used to check grammar, spelling and references. If you have nothing to disclose, you do not need to add a statement.

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Use of inclusive language

Inclusive language acknowledges diversity, conveys respect to all people, is sensitive to differences, and promotes equal opportunities. Authors should ensure their work uses inclusive language throughout and contains nothing which might imply one individual is superior to another on the grounds of:

- age
- gender
- race
- ethnicity
- culture
- sexual orientation
- disability or health condition

We recommend avoiding the use of descriptors about personal attributes unless they are relevant and valid. Write for gender neutrality with the use of plural nouns ("clinicians, patients/clients") as default. Wherever possible, avoid using "he, she," or "he/she."

No assumptions should be made about the beliefs of readers and writing should be free from bias, stereotypes, slang, reference to dominant culture and/or cultural assumptions.

These guidelines are meant as a point of reference to help you identify appropriate language but are by no means exhaustive or definitive.

Reporting sex- and gender-based analyses

There is no single, universally agreed-upon set of guidelines for defining sex and gender. We offer the following guidance:

- Sex and gender-based analyses (SGBA) should be integrated into research design when research involves or pertains to humans, animals or eukaryotic cells. This should be done in accordance with any requirements set by funders or sponsors and best practices within a field.
- Sex and/or gender dimensions of the research should be addressed within the article or declared as a limitation to the generalizability of the research.
- Definitions of sex and/or gender applied should be explicitly stated to enhance the precision, rigor and reproducibility of the research and to avoid ambiguity or conflation of terms and the constructs to which they refer.

We advise you to read the Sex and Gender Equity in Research (SAGER) guidelines and the SAGER checklist (PDF) on the EASE website, which offer systematic approaches to the use of sex and gender information in study design, data analysis, outcome reporting and research interpretation.

For further information we suggest reading the rationale behind and recommended use of the SAGER guidelines.

Definitions of sex and/or gender

We ask authors to define how sex and gender have been used in their research and publication. Some guidance:

- Sex generally refers to a set of biological attributes that are associated with physical and physiological features such as chromosomal genotype, hormonal levels, internal and external anatomy. A binary sex categorization (male/female) is usually designated at birth ("sex assigned at birth") and is in most cases based solely on the visible external anatomy of a newborn. In reality, sex categorizations include people who are intersex/have differences of sex development (DSD).
- Gender generally refers to socially constructed roles, behaviors and identities of women, men and gender-diverse people that occur in a historical and cultural context and may vary across societies and over time. Gender influences how people view themselves and each other, how they behave and interact and how power is distributed in society.

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Authors must follow ethical guidelines for studies carried out in humans.

Work which involves the use of human subjects should be carried out in accordance with the World Medical Association Declaration of Helsinki: Ethical principles for medical research involving human subjects.

Manuscripts should follow the International Committee of Medical Journal Editors (ICMJE) recommendations for the conduct, reporting, editing and publication of scholarly work in medical journals and aim to be representative of human populations in terms of sex, age and ethnicity. Sex and gender terms should be used correctly, as outlined by WHO (World Health Organization).

Manuscripts must include a statement that all procedures were performed in compliance with relevant laws and institutional guidelines and have been approved by the appropriate institutional committee(s). The statement should contain the date and reference number of the ethical approval(s) obtained.

Manuscripts must also include a statement that the privacy rights of human subjects have been observed and that informed consent was obtained for experimentation with human subjects.

This journal will not accept manuscripts that contain data derived from unethically sourced organs or tissue, including from executed prisoners or prisoners of conscience, consistent with recommendations by Global Rights Compliance on Mitigating Human Rights Risks in Transplantation Medicine. For all studies that use human organs or tissues, sufficient evidence must be provided that these were procured in line with WHO Guiding Principles on Human Cell, Tissue and Organ Transplantation. For clinical studies, a statement of informed consent having been obtained from a patient or their nominated representative, paired with ethical approval for the study from a suitable institution, as required by the policies of the journal, may be considered sufficient evidence, but the journal reserves the right to request additional evidence in cases where it feels this is not sufficient. The source of the organs or tissues used in clinical research must be transparent and traceable. If your manuscript describes organ transplantation you must additionally declare within the manuscript that:

- autonomous consent free from coercion was obtained from the donor(s) or their next of kin.
- organs and/or tissues were not sourced from executed prisoners or prisoners of conscience.

Studies in animals

Authors must follow ethical guidelines for studies carried out in animals.

All animal experiments should comply with ARRIVE (Animal Research: Reporting of In Vivo Experiments) guidelines.

Studies should be carried out in accordance with Guidance on the operation of the Animals (Scientific Procedures) Act 1986 and associated guidelines, EU Directive 2010/63 for the protection of animals used for scientific purposes or the NIH (National Research Council) Guide for the Care and Use of Laboratory Animals (PDF).

The sex of animals, and where appropriate, the influence (or association) of sex on the results of the study must be indicated and a statement included in your manuscript that such guidelines as listed above have been followed.

Informed consent and patient details

Authors must document in the manuscript that ethics committee approval and informed consent have been obtained for studies involving patients or volunteers (including organ/tissue donors). Key guidelines:

- Appropriate consents, permissions and releases must be obtained if case details, personal information and images of patients or any other individuals are included in a publication, even if anonymized.
- Patient and research subjects' names, initials, hospital or social security numbers, dates of birth or any other personal or identifying information should never be used, even where consent has been provided.

Written consents must be retained. They should not be provided to this journal unless this is specifically requested in exceptional circumstances, for example, when a legal issue arises. Only then should you provide copies of the consents, or evidence that all relevant consents were obtained.

Personal details of any patient must only be included in your article or in any supplementary materials (including all images and videos) in cases where written permission has been given by the patient (or, where applicable, the next of kin).

We advise you to review Elsevier's policy on patient consent prior to preparing your manuscript.

Writing and formatting

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We ask you to provide editable source files for your entire submission (including figures, tables and text graphics). Some guidelines:

- Save files in an editable format, using the extension .doc/.docx for Word files and .tex for LaTeX files. A PDF is not an acceptable source file.

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You are required to provide a concise and factual abstract which does not exceed 250 words. The abstract should briefly state the purpose of your research, principal results and major conclusions. Some guidelines:

- Abstracts must be able to stand alone as abstracts are often presented separately from the article.
- Avoid references. If any are essential to include, ensure that you cite the author(s) and year(s).
- Avoid non-standard or uncommon abbreviations. If any are essential to include, ensure they are defined within your abstract at first mention.

Keywords

You are required to provide 1 to 7 keywords for indexing purposes. Keywords should be written in English. Please try to avoid keywords consisting of multiple words (using "and" or "of").

We recommend that you only use abbreviations in keywords if they are firmly established in the field.

Highlights

You are encouraged to provide article highlights at submission.

Highlights are a short collection of bullet points that should capture the novel results of your research as well as any new methods used during your study. Highlights will help increase the discoverability of your article via search engines. Some guidelines:

- Submit highlights as a separate editable file in the online submission system with the word "highlights" included in the file name.
- Highlights should consist of 3 to 5 bullet points, each a maximum of 85 characters, including spaces.

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Tables must be submitted as editable text, not as images. Some guidelines:

- Place tables next to the relevant text or on a separate page(s) at the end of your article.
- Cite all tables in the manuscript text.
- Number tables consecutively according to their appearance in the text.
- Please provide captions along with the tables.
- Place any table notes below the table body.

- Avoid vertical rules and shading within table cells.

We recommend that you use tables sparingly, ensuring that any data presented in tables is not duplicating results described elsewhere in the article.

Figures, images and artwork

Figures, images, artwork, diagrams and other graphical media must be supplied as separate files along with the manuscript. We recommend that you read our detailed artwork and media instructions. Some excerpts:

When submitting artwork:

- Cite all images in the manuscript text.
- Number images according to the sequence they appear within your article.
- Submit each image as a separate file using a logical naming convention for your files (for example, Figure_1, Figure_2 etc).
- Please provide captions for all figures, images, and artwork.
- Text graphics may be embedded in the text at the appropriate position. If you are working with LaTeX, text graphics may also be embedded in the file.

Artwork formats

When your artwork is finalized, "save as" or convert your electronic artwork to the formats listed below taking into account the given resolution requirements for line drawings, halftones, and line/halftone combinations:

- Vector drawings: Save as EPS or PDF files embedding the font or saving the text as "graphics."
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All images must have a caption. A caption should consist of a brief title (not displayed on the figure itself) and a description of the image. We advise you to keep the amount of text in any image to a minimum, though any symbols and abbreviations used should be explained.

Provide captions in a separate file.

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Please ensure that color images are accessible to all, including those with impaired color vision. Learn more about color and web accessibility.
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Please read our policy on the use of generative AI and AI-assisted tools in figures, images and artwork, which can be found in Elsevier's GenAI Policies for Journals. This policy states:

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We encourage the use of supplementary materials such as applications, images and sound clips to enhance research. Some guidelines:

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- Include a concise, descriptive caption for each supplementary file describing its content.
- Provide updated files if at any stage of the publication process you wish to make changes to submitted supplementary materials.
- Do not make annotations or corrections to a previous version of a supplementary file.
- Switch off the option to track changes in Microsoft Office files. If tracked changes are left on, they will appear in your published version.

Video

This journal accepts video material and animation sequences to support and enhance your scientific research. We encourage you to include links to video or animation files within articles. Some guidelines:

- When including video or animation file links within your article, refer to the video or animation content by adding a note in your text where the file should be placed.
- Clearly label files ensuring the given file name is directly related to the file content.
- Provide files in one of our recommended file formats. Files should be within our preferred maximum file size of 150 MB per file, 1 GB in total.
- Provide "stills" for each of your files. These will be used as standard icons to personalize the link to your video data. You can choose any frame from your video or animation or make a separate image.
- Provide text (for both the electronic and the print version) to be placed in the portions of your article that refer to the video content. This is essential text, as video and animation files cannot be embedded in the print version of the journal.

We publish all video and animation files supplied in the electronic version of your article.

For more detailed instructions, we recommend that you read our guidelines on submitting video content to be included in the body of an article.

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We are committed to supporting the storage of, access to and discovery of research data, and our research data policy sets out the principles guiding how we work with the research community to support a more efficient and transparent research process.

Research data refers to the results of observations or experimentation that validate research findings, which may also include software, code, models, algorithms, protocols, methods and other useful materials related to the project.

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Research data deposit and citation

For this journal, **Option A** instructions from our research data guidelines apply. This means that you are **encouraged** to:

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- Cite this dataset in your article.

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Linking to the data underlying your work increases your exposure and may lead to new collaborations. It also provides readers with a better understanding of the described research.

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You are encouraged to publish a description of your research data, methods, or protocols related to your regular article as a co-submission article in *Data in Brief* or *MethodsX*.

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- Submit this co-submission alongside your regular manuscript as a separate submission item; on the **'Attach files'** page in Editorial Manager, after which it will be automatically forwarded to the *Data in Brief* or *MethodsX* and assigned an editor.
- For associated Article Processing Charge (APC) details, please visit:
  - MethodsX
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Please note: Due to the automated process of submitting to *Data in Brief* or *MethodsX*, only after acceptance will you be presented with a personalized OA Article Publishing Charge based on your individual context (your country, institutional affiliation, and any society membership for example).

Please visit **co-submission Researcher Support page** for more information on how to submit a co-submission.

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Article sections

Divide your manuscript into clearly defined sections covering all essential elements using headings.

Glossary

Please provide definitions of field-specific terms used in your article, in a separate list.

Acknowledgements

Include any individuals who provided you with help during your research, such as help with language, writing or proof reading, in the acknowledgements section. Acknowledgements should be placed in a separate section which appears directly before the reference list. Do not include acknowledgements on your title page, as a footnote to your title, or anywhere else in your article other than in the separate acknowledgements section.

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List funding sources in this standard way to facilitate compliance to funder's requirements:

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It is not necessary to include detailed descriptions on the program or type of grants, scholarships and awards. When funding is from a block grant or other resources available to a university, college, or other research institution, submit the name of the institute or organization that provided the funding.

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This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.

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We ask you to use the following format for appendices:

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- Give separate numbering to formulae and equations within appendices using formats such as Eq. (A.1), Eq. (A.2), etc. and in subsequent appendices, Eq. (B.1), Eq. (B. 2) etc. In a similar way, give separate numbering to tables and figures using formats such as Table A.1; Fig. A.1, etc.

Journal specific information: Article structure

We expect authors to follow the scientific reporting guidelines for their study type, as found on https://www.equator-network.org/. Editors and reviewers will look for evidence of their use in submitted manuscripts. This will affect editorial decisions.All full-length submissions should include a final section entitled "Clinical Relevance". This should contain between 2-5 bullet points highlighting the immediate usefulness and/or implications of the study's findings for clinicians. Submissions that omit this feature will be returned for correction.

References

References within text

Any references cited within your article should also be present in your reference list and vice versa. Some guidelines:

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- Any unpublished results and personal communications included in your reference list must follow the standard reference style of the journal. In substitution of the publication date add "unpublished results" or "personal communication."
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Linking to cited sources will increase the discoverability of your research.

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We encourage the use of Digital Object Identifiers (DOIs) as reference links as they provide a permanent link to the electronic article referenced.

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The accuracy of references is the responsibility of the author. This includes not only the correct contextual use of the material, but also the citation itself. In the text your reference should state the author's surname and the year of publication (Smith 1989); if there are two authors you should give both surnames (Smith & Black 1989). When a source has more than two authors, give the name of the first author followed by 'et al'. (Smith et al 1989). No commas are used between the name and date. It is important to verify the correct and full title, the full authorship, and all other reference details with the original source (book, journal, etc.,) or through a service, such as Medline or ScienceDirect.

A list of all references in your manuscript should be typed in alphabetical order, double spaced on a separate sheet of paper. Each reference to a paper needs to include the **author's surname** and **initials, year of publication, full title of the paper, full name of the journal, volume number** and **first and last page numbers.** The names of multiple authors are separated by a comma with each appearing as surname followed by initials. The date is placed after the author's name(s), not at the end of the citation.

Here are examples:

Cleary C, Fox JP 1994 Menopausal symptoms: an osteopathic investigation. Complementary Therapies in Medicine 2: 181-156

References to books should be in a slightly different form:

Chaitow L 1996 Muscle Energy Techniques. Churchill Livingstone, Edinburgh

Hicks CM 1995 Research for Physiotherapists. Churchill Livingstone, Edinburgh

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Liebenson C 2000 Sensory motor training. Journal of Bodywork and Movement Therapies 4: 21-27. https://doi.org/10.1054/jbmt.2000.0206

References to Datasets: [dataset] Oguro, M., Imahiro, S., Saito, S., Nakashizuka, T., 2015. Mortality data for Japanese oak wilt disease and surrounding forest compositions. Mendeley Data, v1. https://doi.org/10.17632/xwj98nb39r.1.

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If a template is not available for this journal, follow the format given in examples in the reference style section of this Guide for Authors.

Submitting your manuscript

Cover Letter

Include a cover letter with your submission to introduce your manuscript to the editor and encourage its peer review.

- Keep it short (ideally less than one page) and focused.
- Be concise. Clearly articulate the study's aim and main findings without unnecessary details
- Explain how your study fits the journal’s aim and scope.
- Emphasize the research's novelty and broader implications to demonstrate its potential impact on the field.
- If you have been invited to submit, acknowledge this in the letter.

A cover letter should not include funding information, author declarations, or suggested or opposed reviewers. If these details are needed, they will be requested separately.

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We encourage you to share and promote your article to give additional visibility to your work, enabling your paper to contribute to scientific progress and foster the exchange of scientific developments within your field. Read more about how to responsibly share and promote your article.

Resources for authors

Language and editing services

We recommend that you write in American or British English but not a combination of both.

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SOCIEDADE BRASILEIRA DE ATIVIDADE FÍSICA & SAÚDE

Submissions

Registration in the system and subsequent access, via login and password, are mandatory for submitting papers, as well as for monitoring the ongoing editorial process. Access an existing account or Register a new account.

Submission requirements

As part of the submission process, authors are required to verify that their submission complies with all of the following items. Submissions that do not comply with these guidelines will be returned to the authors.

✔ Can you confirm that the contribution is original and not being reviewed by another journal?
✔ Does the text follow the Vancouver style guidelines and bibliographic requirements described in "Instructions to Authors"?
✔ Has the authorship of the work been removed from the main manuscript file?
✔ Do you agree to pay the publication fees?
✔ Does the submission include all of the following documents: cover letter, submission form, open science compliance form, title page, and manuscript body?
✔ Are you aware that if the submitted manuscript is not in English, an English version of the manuscript must be provided?

Editorial

It is intended for the publication of texts written by invited professionals with recognized academic expertise in specific topics of interest to RBAFS.

Original Articles

This journal is intended for the publication of observational studies, intervention studies, and systematic reviews with and without meta-analysis, produced using rigorous scientific methods, capable of replication and/or generalization, encompassing both quantitative and qualitative research approaches. The body of the text is structured into an introduction, methodological procedures, results, and discussion. For qualitative studies, a different structure for the body of the text may be used to better suit the type of research. RBAFS encourages the submission of replication studies, especially of studies published in this journal.

Narrative review article and theoretical essays on physical activity and health.

Narrative reviews and theoretical essays (texts that develop an argument on a well-defined topic) are submitted by invitation from the RBAFS editors. However, high-level work by authors or groups with a history of publications in the field will be welcome.

Special Section

It is intended for the dissemination of studies that address innovative actions and experiences in promoting physical activity, teaching topics related to physical activity, and research methods in physical activity and health.

Positions

This category is for original texts that develop the official position of the Brazilian Society of Physical Activity & Health on topics of interest to it. Only authors invited by the RBAFS Editorial Board may submit manuscripts in this category.

Study protocols in physical activity and health

This publication is intended for the dissemination of original and innovative study protocols that contribute to advancements in the field of physical activity and health. Publication of the study protocol

will be justified by the interest in understanding relevant questions, hypotheses, and justifications, as well as a method with high scientific merit, before the results are reported in other publications.

Supplements

This journal is intended for the publication of proceedings from scientific events in the field of physical activity and health, promoted or supported by the Brazilian Society of Physical Activity and Health, which includes abstracts of oral presentations and posters, approved by the Scientific Committees of the organizing institutions and following the journal's guidelines.

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Submit

Language

English

Spanish (Spain)

Portuguese (Brazil)

Open Journal Systems

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Rev. Bras. Ativ. Fis. Saúde, Florianópolis, Santa Catarina, Brazil – ISSN 2317-1634.

Platform & workflow by OJS / PKP

About the Magazine

Psychology and Health in Debate Journal

ISSN (electronic): 2446-922X
DOI: 10.22289/issn.2446-922X.PSICODEBATE4FPM

The journal *Psicologia e Saúde em Debate* (Psychology and Health in Debate) is a digital publication that aims to fulfill an institutional need in the fields of health and psychology. All articles are available for download in PDF (Portable Document Format) and it was conceived by professors Gilmar Antoniassi Junior and Hugo Christiano S. Melo. The primary goal of the journal is to disseminate high-quality scientific articles, fostering scientific dialogue among researchers from multiple institutions and undergraduate and graduate students.

The annual volume consists of two issues, with continuous publication and submissions accepted on a rolling basis.

We reinforce our commitment to transparency and accessibility to scientific knowledge by adopting an open access policy in our journal, *Psicologia e Saúde em Debate*. We guarantee that all published content is freely available, without access restrictions or embargo periods. By adopting open licenses, such as Creative Commons or equivalents, we grant users usage rights, allowing them to read, download, copy, distribute, print, search, and link to the full texts of articles. This approach provides immediate access to research, enabling users to explore, index, and use the content legally and ethically. We do not require user registration for reading, ensuring that our journal is truly open to all those interested in disseminating scientific knowledge.

The editorial board of *Psicologia e Saúde em Debate* is not responsible for the data and opinions expressed in the articles, which are the sole responsibility of the authors.

Scope

The journal Psicologia e Saúde em Debate publishes full articles, review articles, essays, critiques, and complete abstracts of research in any sub-area included within the broad fields of Health and Psychology, highlighting

areas such as General Psychology, Nursing, Physiotherapy, Pharmaceutical Sciences, Dentistry, Biomedicine, etc. The journal also publishes reviews of books, theses, and dissertations authored by professors and researchers from any institution in the country.

Review process

The first stage of evaluation is an analysis of the manuscript by Copy Spider . If the manuscript results in a percentage greater than or equal to 3%, it is rejected immediately. With lower results, it moves on to the revision process. In addition, other standard checks are performed, verifying citation standards, references, etc.

The journal Psicologia e Saúde em debate conducts a **peer review** process , also called **peer review** *or* refereeing **,** using a double-blind mechanism (neither the *reviewer* nor the author knows the other's identity). In this process , the submitted manuscript is edited to remove any identifying information about the authors and sent to a reviewer in the field who will analyze it and send their opinion to the journal's editor. The editor will then remove any identifying information and send the reviewer's comments to the manuscript's author without identifying them. The journal also relies on the collaboration of external reviewers who are not part of its editorial team or the publishing institution.

There is no predetermined deadline for responding to authors; however, the journal is committed to completing this process as quickly as possible and is always available for clarification via the contact email.

Publication fee

The journal charges a fee of R$350.00 per article to cover maintenance and DOI assignment processes. This fee should only be paid after the article has been approved by the journal.

Contact email: editor@dpgpsifpm.com.br

Notices

We would like to inform you that the journal's server is temporarily experiencing instability in sending messages to addresses linked to Hotmail (hotmail.com, outlook.com and other associated domains). We strongly recommend that authors use email addresses from other providers to register in the system or, if they are already registered with these domains, update their profile with a new email address. We apologize for the inconvenience and are working to restore normal service as soon as possible.

We would like to inform you that, starting January 1, 2025, the publication fee (APC) for the journal Psicologia e Saúde em Debate will be adjusted to R$350.00. This adjustment is necessary to cover the shortfall in relation to the journal's maintenance costs.

Thank you for your understanding, and we remain available for any further questions.

QUALIS 2020





Impact factor



SJIF Impact Factor



2023: 5,982

2022: 5,971

2021: 5,969

2020: 5,969

H-index

Normalization	Citations	h-index
none	721	14
per co-authorship	229.3	7
per age	91.5	4

The *h-index* quantifies the productivity and impact of publications and is the number of articles with citations greater than or equal to that number.

Indexing

Armed Forces; Defense; Brazilian Army; AMAN (Military Academy of Agulhas Negras); Military Academy; Cadet; Military Sciences; Electronic Warfare; Cybernetics; Simulation; RAN (National Anti-Animal System); Continuing Education; Multiliteracies; Scientific Production; Science, Technology and Innovation.

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Registration in the system and subsequent access, via login and password, are mandatory for submitting papers, as well as for monitoring the ongoing editorial process. Access an existing account or Register a new account.

Submission requirements

As part of the submission process, authors are required to verify that their submission complies with all of the following items. Submissions that do not comply with these guidelines will be returned to the authors.

- ✔ The contribution does not need to be entirely original; however, it must be novel and cannot have been published in another journal or be under consideration for publication.
- ✔ There is no indication of plagiarism or self-plagiarism in the work. (Self-plagiarism is understood as: using previous research - article, undergraduate thesis, dissertation, thesis - and presenting it verbatim for publication, in whole or in part, as something new and original.)

✔ No part of the text was written by generative AI, such as ChatGPT, Gemini, or others.
✔ The submission file is in Microsoft Word format.
✔ The article is formatted according to the template provided by the journal.
✔ The text follows the formatting, citation, and reference presentation standards according to ABNT norms.
✔ URLs for the references were provided where possible.
✔ At least one of the authors holds a Master's or Doctoral degree.
✔ I declare that I have read and agree to the RAN's CODE OF ETHICS and PRIVACY STATEMENT.
✔ I declare that I have read and agreed to all the conditions above.

Guidelines for Authors

1. Submission Format

2. Preparation for Shipment

3. Textual Genres accepted by RAN

1- Submission Format

a) Article and Experience Report *Template ;*

b) Guidelines for writing an Article and Experience Report

1. The work submitted to the **Agulhas Negras Journal** will be evaluated primarily on its scientific merit.

2. The citations and references presented in the text must comply with ABNT NBR 10520 and 6023 standards, respectively.
3. The work must follow the formatting outlined in the **article template** and contain between **8 and 25 pages** .
4. The abstract should be no **more than** 250 words and should contain the following information: objective of the work, materials and/or methods used, results obtained, and main conclusions.
5. Recommended structure for the article (use ABNT NBR 6024 for progressive numbering of sections):
    - Title
    - Summary
    - Keywords
    - Abstract
    - Keywords
    - Introduction
    - Theoretical Framework
    - Methodological approach
    - Results and discussion (of the data)
    - Conclusion
    - References
6. **A maximum of 3** (**three) authors** are allowed for each work, and at least one of them must hold a **Master** 's or **Doctoral** degree .
7. The work must be original and cannot be submitted for simultaneous evaluation in another journal.
8. The Editors may accept or reject submitted work for publication, in accordance with editorial policy, at any stage of the process.
9. Editors may suggest changes to the content of the work and its adaptation to writing and presentation standards.
10. The work approved for publication will undergo final editing, which includes a spelling and grammar check.
11. In the OJS system, the article submission will be automatically rejected if the author does not accept the exclusivity, originality, and copyright clauses.
12. The OJS system records the date of entry and the steps of the article's evaluation and editing process, and authors can automatically track the submission status through the system.
13. The editors and/or any individual or institution linked to their governing bodies are not responsible for the opinions, ideas, concepts, and positions expressed in the texts, as these are the sole responsibility of their authors.
14. Evaluations are conducted using standardized evaluation forms, with space for personalized comments, which are forwarded to the authors in case of conditional acceptance or rejection.

2. Preparation for Shipment

a) The work should be related to the broad area of concentration: DEFENSE. The main themes are (but not limited to):

Science, Technology and Innovation

Human Performance

- Right

- Education

Engineering and Construction

- History

- Artificial intelligence

Leadership

- Environment

Applied Psychology to Educational and Social Processes

International Relations

- Health

Digital Simulation

Sociology

b) As part of the submission process, authors are required to verify that their submission complies with all of the following items. Submissions that do not comply with these guidelines will be returned to the authors.

1. The file must be in Microsoft Word or Open Office format (provided it does not exceed 2MB);
2. Foreign words should be written in *italics,* while neologisms or unusual meanings should be written in quotation marks.
3. Any type of authorship identification should be removed from the file and from the Properties option in Microsoft Word;
4. Figures and tables must include captions citing the full source;
5. Units of measurement must follow the standards of the International System (SI), developed by the International Bureau of Weights and Measures (BIPM) [www.bipm.org];
6. The author(s) is/are responsible for the content of the work submitted to RAN and authorize(s) its publication.

3. Textual Genres accepted by RAN

The Agulhas Negras Journal accepts submissions of the following text genres for publication:

a) Scientific Article

b) Interview;

c) Book Review

d) Experience Report

- Summary information about:

Scientific Articles

Texts and/or extracts from completed research, research summaries.

Formatting: consistent with the Article Template .

Interview

Interviews conducted with researchers, theorists, public figures, and military commanders that can contribute to discussions on topics relevant to Military Sciences will be accepted.

- RAN welcomes suggestions for interviewees and topics that may be relevant to the broad area of Defense (the magazine's focus and scope). Suggestions can be sent to: ran.editor@aman.eb.mil.br.

Interview Template

Review

Reviews of recent works, published in the last two years, related to the broad area of NATIONAL DEFENSE will be accepted.

The title should begin with the word "Review" and maintain the same name as the work being reviewed.

- Language: submission in Portuguese, English, or Spanish.

Tables, graphs, or illustrations will not be accepted in the body of the review text.

- **Limit of 03 (three) pages** . Longer reviews may be published provided the authors present relevant justifications.

- There may be a maximum of **02 (two) authors** per Review.

Experience Reports

Brief accounts of experiences related to the National Defense Concentration Area will be accepted , provided they present methodologically adequate evidence.

The reports should follow the presentation guidelines for Scientific Articles as outlined in the Article Template .

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Language

Portuguese (Brazil)

English

RBFF - Brazilian Futsal and Football Magazine

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Submission requirements

As part of the submission process, authors are required to verify that their submission complies with all of the following items. Submissions that do not comply with these guidelines will be returned to the authors.

- ✔ The contribution is original and unpublished, and is not being considered for publication by another journal; otherwise, this must be justified in "Comments to the editor".
- ✔ The submission file is in Microsoft Word, OpenOffice, or RTF format.
- ✔ URLs for the references were provided where possible.
- ✔ The text is single-spaced; uses a 12-point font; employs italics instead of underlining (except for URL addresses); figures and tables are inserted within the text, not at the end of the document as attachments.
- ✔ The text follows the style guidelines and bibliographic requirements described in the Author

Guidelines , on the About the Journal page.

Guidelines for Authors

INSTRUCTIONS FOR SUBMITTING AN ITEM

RBFF adopts manuscript preparation rules that follow the standards of the Brazilian Association of Technical Standards (ABNT), which are based on the international standard - ISO (International Organization for Standardization). Due to the characteristics and specificities of **RBFF ,** the following standard is presented.

SHIPPING INSTRUCTIONS

The submitted article must be double-spaced on A4 paper (21 x 29.7 cm), with a top margin of 2.5 cm, bottom margin of 2.5 cm, left margin of 2.5 cm, and right margin of 2.5 cm, without numbering lines, paragraphs, or pages; figure and table captions should be placed within the text, in the same file. Manuscripts that do not comply with the following style and formatting instructions will be returned without review by the Editorial Board.

FILE FORMAT

For the text, use a word processor such as Microsoft Word for Windows or equivalent, Arial font, size 12; images should be in JPG, PNG, or TIFF format.

ORIGINAL ARTICLE

An original article should contain the above formatting and be structured with the following items, each starting on a different page:

Title page: must contain (1
) the article title, which should be concise but informative; (2
) full names of the authors; institution(s) of origin (affiliation), with city, state and country; (3
) name of the corresponding author and full address; (4
) email of all authors.

Abstract : must contain

(1) the abstract in Portuguese, with no more than 250 words, structured to include: introduction and objective, materials and methods, discussion, results and conclusion;

(2) three to five keywords. Terms from the Health Sciences Descriptors (DeCS) must be used;

(3) the title and abstract in English, representing the translation of the title and abstract into English;

(4) three to five keywords in English.

Introduction : should contain (1) an objective justification for the study, with references relevant to the subject, without conducting an extensive review, and the objective of the article should come in the last paragraph.

Materials and Methods : must contain

(1) a clear description of the sample used;

(2) informed consent for experimental studies involving humans and animals, as recommended by resolutions 466/12 and 510/16;

(3) identification of the methods, materials (brand and model in parentheses) and procedures used in sufficient detail to allow readers to reproduce the results;

(4) a brief description and references for published but not widely known methods;

(5) a description of new or modified methods;

(6) when relevant, include the statistical analysis used, as well as the software used. In the text, numbers less than 10 are written out in full, while numbers from 10 onwards are expressed in Arabic numerals.

Results : should contain

(1) presentation of the results in a logical sequence, in the form of text, tables and illustrations; avoid excessive repetition of data in tables or illustrations and in the text;

(2) emphasize only important observations.

Discussion : should contain

(1) emphasis on the original and important aspects of the study, avoiding repeating in detail data already presented in the Introduction and Results;

(2) relevance and limitations of the findings, comparing them with data from the literature, including implications for future studies;

(3) linking the conclusions to the objectives of the study.

Conclusion : This should be drawn from the results obtained in the study and should answer the proposed objectives.

Acknowledgments: should include

(1) contributions that warrant acknowledgments, but not authorship;

(2) sources of funding and support in general.

Citation: Use the author-date system.
Citate using the author's last name(s) followed by the date, separated by a comma and in parentheses. Example: (Navarro, 2001). For up to three authors, mention all of them, use the expression "collaborators"; for four or more authors, use the last name of the first author and the expression "collaborators". Example: (Navarro and collaborators, 2001).
The citation can only be paraphrased.

References : References should be listed in alphabetical order. The style of the references should follow the **RBFF** guidelines , and the most common examples are shown below. The use of "personal communications" or "unpublished observations" as references should be avoided.

Examples:

1) Standard journal article (all authors must be listed):

Amorim, PA. Body Fat Distribution as a Risk Factor in the Development of Coronary Artery Disease: A Literature Review. Brazilian Journal of Physical Activity and Health. Londrina. Vol. 2. No. 4. 1997. p. 59-75.

2) Institutional author:

Ministry of Health; Ministry of Education. Establishes guidelines for the Promotion of Healthy Eating in Early Childhood, Elementary and Secondary Education Schools in the public and private sectors nationwide. Interministerial Decree, No. 1010 of May 8, 2006. Brasília. 2006.

3) Book with author(s) responsible for all content:

Bacurau, RF; Navarro, F.; Uchida, MC; Rosa, LFBPC. Hypertrophy Hyperplasia: Physiology, Nutrition and Training of Muscle Growth. São Paulo: Phorte, 2001, p. 210.

4) Book with publisher(s) as author(s):

Diener, H.C.; Wilkinson, M. editors. Drug induced headache. New York. Springer-Verlag. 1988. p. 120.

5) Book chapter:

Tateyama, MS; Navarro, AC. The Efficiency of the Four-in-Line Attack System in Futsal. In Navarro, AC; Almeida, R. Futsal. São Paulo: Phorte, 2008.

6) Master's Dissertation or Doctoral Thesis:

Navarro, AC. A Case Study on Science in Brazil: The Work in Physiology at the Institute of Biomedical Sciences and the Institute of Biosciences of the University of São Paulo. Master's Dissertation. PUC-SP. São Paulo. 2005.

TABLES

Tables should be numbered sequentially in Arabic numerals and have concise titles, as well as containing numbers and/or concise text (for numbers, use up to two decimal places after the comma; and abbreviations should be consistent with those used in the body of the text; when necessary, use a legend to identify standard and universal symbols).
Tables should be created using Word or equivalent text editor, with a minimum font size of 10.

FIGURES

Black and white photos or figures will be accepted.
Color figures are encouraged by the Editor, as the journal is electronic, a process that facilitates publication. Do not use shades of gray. When printed, figures should have good contrast and legible width.
Figure designs should be consistent and as simple as possible. All lines should be solid. For bar graphs, for example, use white bars, black bars, diagonal lines in both directions, checkerboard lines, horizontal and vertical lines.
RBFF strongly discourages the submission of photographs of equipment and animals. Use fonts of at least 10 points for letters, numbers, and symbols, with adequate spacing and alignment. When the figure represents a radiograph or photograph **,**
we suggest including the size scale when relevant. The image resolution should be a maximum of 300 dpi for proper printing.

REVIEW ARTICLES

Review articles (narrative, systematic, meta-analysis) are usually commissioned by the Editor from authors with proven experience in the field. However, **RBFF** encourages the submission of unsolicited material, provided it expresses the author's published experience and does not merely reflect a literature review.

Review articles should address specific topics with the aim of updating those less familiar with typical or specific issues in the field of Futsal and Football.
The Editorial Board will evaluate the quality of the article, the relevance of the chosen topic, and the proven prominence of the authors in the specific area addressed.

CASE REPORT

RBFF encourages authors to submit case report articles, describing specific clinical cases that provide relevant and illustrative information on the diagnosis or treatment of a particular case that is rare in Futsal and Football **.**

Articles should be objective and precise, containing the following items:
1) An Abstract and a Summary outlining the clinical implications;
2) An Introduction with comments on the clinical problem to be addressed, using the case as an example. It is important to document the patient's consent to the use of their clinical data;
3) An objective Report containing the history, physical examination, and findings from complementary examinations, as well as the treatment and follow-up;
4) A Discussion explaining in detail the clinical implications of the case in question, and comparing it with data from the literature, including similar cases reported in the literature;
5) References.

BOOKS FOR REVIEW

RBFF encourages publishers to submit books for consideration by the Editorial Board. A copy of the book should be sent to the Editor-in **-** Chief (see address above), which will be returned. Sending the book guarantees its consideration provided that an exchange or payment for the service is made.
Books selected for consideration will be sent to reviewers with experience and professional competence in the respective area of the book, whose opinions should be issued within one month.

Double Submission, Plagiarism, and Ethics in Publishing

Articles submitted to **RBFF** will only be considered for publication on the condition that they have not been published or are not under review for publication in another journal, either in their entirety or in part, and that they do not contain plagiarism, as recommended by the Committee on Publication Ethics (**https://publicationethics.org/). RBFF** will not

consider for publication articles whose data have been made publicly available on the Internet. If the submitted article contains any material in figures or tables already published elsewhere, the submission must be accompanied by a copy of the original material and written permission for its reproduction.

CONFLICT OF INTEREST

Authors must disclose, using the appropriate form (Disclosure of Potential Conflict of Interest), any potential conflict of interest related to the submitted article.
This requirement aims to inform editors, reviewers, and readers about professional and/or financial relationships (such as sponsorships and equity participation) with financial agents related to the pharmaceutical products or equipment involved in the work, which could theoretically influence its interpretations and conclusions.
The existence or absence of a declared conflict of interest will be indicated at the end of the published articles.

Bioethics of Experiments with Human Beings

The performance of experiments involving human beings must follow the specific resolutions of the National Health Council (No. 466/12 and No. 510/16) available on the internet (http://ibpefex.com.br/arquivos/RESOLUCAO.466-12.MS.pdf) including the signing of an informed consent form and the protection of the privacy of volunteers.

ETHICS IN PUBLISHING

RBFF follows international recommendations for scientific publication in accordance with the Committee **on Publication Ethics** (**https://publicationethics.org/**).

PEER REVIEW

All submitted articles will undergo a double-blind peer review process by at least two reviewers with experience and professional expertise in the respective field, who will provide reasoned opinions. These opinions will be used by the Editors to decide on the acceptance of the article.
Evaluation criteria include: originality, contribution to the body of knowledge in the field,

methodological adequacy, clarity, and timeliness.
Articles accepted for publication may undergo editorial revisions to improve clarity and understanding without altering their content.

For authors, the submission (evaluation/review) and publication procedures for articles are free of charge.

RBFF is **classified** with the color Blue in SHERPA/RoMEO and DIADORIM .

MAILING ADDRESS

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Scientific Articles - Original

This space is dedicated to the publication/dissemination of original studies/research, of an applied nature, and/or systematic reviews or meta-analyses that have Futsal, or Football and its variables, as objects of investigation.

Scientific Articles - Review

This space is dedicated to the publication/dissemination of scientific reviews, with a narrative/analytical objective, of relevant significance in the context of Futsal and Football, as parameters.

Articles: Special Edition

This space is dedicated to the publication/dissemination of original studies/research, of an experimental or applied nature, and/or systematic reviews or meta-analyses that have Sports Pedagogy and its variables as objects of investigation. It also includes a space for scientific reviews, with a narrative/analytical objective, of relevant significance in the context of Sports Pedagogy.

Letters to the Editor

This space is for receiving comments/critical or non-critical analyses from readers/authors about published articles, where responses to comments/analyses will be permitted.

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- Authors are permitted and encouraged to publish and distribute their work online (e.g., in institutional repositories or on their personal website) at any point before or during the editorial process, as this can lead to productive changes, as well as increase the impact and citation of the published work (See The Effect of Open Access).

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Language

Portuguese (Brazil)

English

Spanish (Spain)

Portuguese (Portugal)

Italian

Information

For Readers

For Authors

For Librarians

Current Edition









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RBFF - Brazilian Journal of Futsal and Football;
IBPEFEX - Brazilian Institute for Research and Teaching in Exercise Physiology

Editor-in-Chief: Dr. Antonio Coppi Navarro. Email: [here]
Managing Editor: Francisco Nunes Navarro . Email: [here]

Platform &
workflow by
OJS / PKP

About the Magazine

The UNIFA Journal is a continuously published periodical of the Air Force University, dedicated to the study of Aerospace Power, whose constituent elements are the Air Force, Civil Aviation, Aerospace Infrastructure, the Aerospace Industry and the Aerospace Scientific-Technological Complex, and other thematic areas of interest to the Air Force Command that may substantiate said studies.

Currently, it occupies a prominent place in the scientific endeavor of studies on Aerospace Power, as it was conceived to give voice to the traditional publications of the Air Force Officers' Improvement School (EAOAR) and the Air Force Command and Staff School (ECEMAR) in 1985, and is still one of the few national periodicals dedicated to the subject.

The UNIFA Journal also participates in the international debate, with an Editorial Board composed of experts from the USA, England, and Canada, and serving as a space for the expression of authors from other countries.

Regarding the works received, the journal accepts:

- Original Articles: scientific works that communicate the results of completed or ongoing research, discussing ideas, methods, techniques, processes, and results, and presenting original data on discoveries related to experimental, observational, or documentary aspects, with declared authorship, from various areas of knowledge;

- Review articles: These articles encompass and critically evaluate the available knowledge on a given topic, with commentary on the work of other authors and a comprehensive bibliography on the subject. In these articles, the author, a leading expert in the field, describes and analytically compares literature aimed at the scientific community;

- Update Articles: articles that analyze and discuss the most recent information on a given topic (new techniques, doctrines, equipment, legislation, manuals, etc.);

- Case studies: scientific articles resulting from empirical research, dedicated to a single case, about a specific reality in the context of real life. It is a form of investigation that allows the production of broad and detailed knowledge about the object investigated, enabling the identification of a phenomenon whose limits are not yet well defined;

- Opinion Articles: articles in which the author, a great expert on a particular subject, analyzes and reflects on some relevant fact or problem, supported by pertinent theory.

Furthermore, it offers free, unlimited, and immediate universal access to all its publications and does not charge authors any type of evaluation or submission fee. The journal also does not stipulate a minimum qualification for submitting contributions. The UNIFA journal accepts submissions of original works in English, Spanish, and Portuguese, but if the article is accepted for publication, the author will be responsible for providing a professional-level translation to the journal.

It should also be emphasized that the receipt of original manuscripts occurs on a continuous flow basis. The submission evaluation process takes place in two phases. In the first, the editors verify the suitability of the manuscripts in terms of quality, ethics, and the scope of the journal, as well as its editorial standards. In the second, the manuscript is submitted to reviewers for a double-blind (author and reviewer) evaluation, who may reject, accept, or indicate mandatory changes to the article.

Journal Classifications for the Four-Year Period 2017-2020

QUALIS B2

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Exhibit F: Evidence that the Petitioner has performed in a leading or critical role for organizations or establishments of distinguished reputation.

DEPARTMENT OF THE NAVY
NAVAL MEDICAL RESEARCH UNIT DAYTON
2624 Q STREET, BLDG 851, AREA B
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433-7955

3900
Ser 00F0/116
28 Sep 2023

From: Commanding Officer, Naval Medical Research Unit Dayton
To: Doctor Adriano Percival Calderaro Calvo, Brazilian Air Force University, 1200, Marechal Fontenelle Avenue; Campo dos Afonsos, Rio de Janeiro City – Rio de Janeiro State (RJ) Postal Code: 21740-000 Brazil

Subj: VISITING PROFESSOR INVITATION

1. It is my pleasure to extend an invitation to you, Dr. Adriano Percival Calderaro Calvo, to complete one year as a visiting professor/post-doctoral intern with Naval Medical Research Unit Dayton under the supervision of Dr. Richard Arnold, Director of Naval Aerospace Medical Research Laboratory (NAMRL). This internship is expected to extend from 25 March 2024 through 24 March 2025 (12 months), during which time you will participate in collaborative research with multiple teams from the Naval Aerospace Medical Research Laboratory (NAMRL) directorate.

2. We look forward to having you join us and gaining your insights through this collaboration to help answer some very challenging aeromedical questions. Unfortunately, we will not be able to support your income and you will not receive any additional compensation or salary from us during your stay.

Digitally signed by DALITSCH.WALTER.W.1086593560
Date: 2023.10.04 08:58:19 -04'00'

W. W. DALITSCH III

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MINISTRY OF DEFENSE

OFFICE OF THE MINISTER

ORDINANCE GM-MD No. 69, OF JANUARY 5, 2024

THE MINISTER OF STATE FOR DEFENSE, in the exercise of the authority conferred upon him by article 87, sole paragraph, item IV of the Constitution; under article 95 of Law No. 8.112, of December 11, 1990; following article 8 of Decree No. 71.733, of January 18, 1973, item IV of article 1 and article 2 of Decree No. 1.387, of February 7, 1995; item II of article 1 of Decree No. 91.800, of October 18, 1985; Decree No. 9.991, of August 28, 2019; and based on the records of Administrative Proceeding No. 67000.012943/2023-51, hereby resolves to:

AUTHORIZE

the departure from the country, with limited cost to the administration, from February 24, 2024, to April 22, 2025, including travel time, of the civil servant ADRIANO PERCIVAL CALDERARO CALVO, SIAPE Registration No. 1992505, holder of the position of Professor of Higher Education, of the personnel staff of the Air Force Command, assigned to the Air Force University (UNIFA), to take part in the mission EXTRA PLAMENS EXT 2024 – Academic

Professional Internship in Human Physiology in Extreme Environments, in the capacity of Visiting Professor, at the Naval Aerospace Medical Research Laboratory (NAMRL), Naval Medical Research Unit Dayton / Wright-Patterson Air Force Base, in Dayton, Ohio, United States of America, scheduled to take place from March 25, 2024, to March 24, 2025.

The expenses shall be covered by a scholarship from the National Council for Scientific and Technological Development (CNPq), with the Air Force Command being responsible only for the employee's salary and other entitlements due.

JOSÉ MUCIO MONTEIRO FILHO

I, Marina Viana Silva, certify that I, a qualified translator fluent in both languages, have performed the professional translation of this document from Portuguese to English and that the following is an accurate and complete translation of the document.

Marina Viana **Date: May 13, 2025.**

PORTARIA DE PESSOAL IPHAN Nº 10, DE 4 DE JANEIRO DE 2024

A PRESIDENTE SUBSTITUTA DO INSTITUTO DO PATRIMÔNIO HISTÓRICO E ARTÍSTICO NACIONAL - IPHAN, no uso das atribuições que lhe confere o art. 18, inciso V, do Anexo I, do Decreto nº 11.178, de 18 de agosto de 2022, alterado pelo Decreto nº 11.807, de 28 de novembro de 2023, e a Portaria MInC nº 18, de 10 de abril de 2023, publicada no Diário Oficial da União de 12 de abril de 2023, considerando a Portaria de Pessoal MInC nº 1.312, de 27 de dezembro de 2023, bem como o art. 38, da Lei nº 8.112, de 11 de dezembro de 1990, e o processo SEI nº 01492.000362/2023-26, resolve:

Designar o servidor CLÁUDIO FRANCO DE MELO JÚNIOR, matrícula SIAPE nº 3126853, para exercer o encargo de substituto eventual do(a) Coordenador(a) Administrativo(a), código CCE 1.10, da Superintendência do Iphan no Estado do Pará, nos afastamentos, impedimentos legais ou regulamentares do(a) titular e na vacância do cargo, sem prejuízo de suas respectivas atribuições.

DENISE RAMOS TODI

PORTARIA DE PESSOAL IPHAN Nº 11, DE 4 DE JANEIRO DE 2024

A PRESIDENTE SUBSTITUTA DO INSTITUTO DO PATRIMÔNIO HISTÓRICO E ARTÍSTICO NACIONAL - IPHAN, no uso das atribuições que lhe confere o art. 18, inciso V, do Anexo I, do Decreto nº 11.178, de 18 de agosto de 2022, alterado pelo Decreto nº 11.807, de 28 de novembro de 2023, e a Portaria MInC nº 18, de 10 de abril de 2023, publicada no Diário Oficial da União de 12 de abril de 2023, considerando a Portaria de Pessoal MInC nº 1.312, de 27 de dezembro de 2023, bem como o art. 38, da Lei nº 8.112, de 11 de dezembro de 1990, e o processo SEI nº 01450.000102/2004-75, resolve:

Designar a servidora PATRÍCIA ALMEIDA GUIMARÃES, matrícula SIAPE nº 2673497, para exercer o encargo de substituta eventual do(a) Coordenador(a), código FCE 1.10, da Coordenação de Orçamento e Finanças, do Departamento de Planejamento e Administração, no período de 08 de janeiro de 2024 a 12 de janeiro de 2024, nos afastamentos, impedimentos legais ou regulamentares do(a) titular e na vacância do cargo, sem prejuízo de suas respectivas atribuições, dispensando o servidor LEON DE OLIVEIRA MAGESTA, matrícula SIAPE nº 3126888, ao referido período.

DENISE RAMOS TODI

PORTARIAS DE PESSOAL IPHAN DE 4 DE JANEIRO DE 2024

A PRESIDENTE SUBSTITUTA DO INSTITUTO DO PATRIMÔNIO HISTÓRICO E ARTÍSTICO NACIONAL - IPHAN, no uso das atribuições que lhe confere o art. 18, inciso V, do Anexo I, do Decreto nº 11.178, de 18 de agosto de 2022, alterado pelo Decreto nº 11.807, de 28 de novembro de 2023, e a Portaria MInC nº 18, de 10 de abril de 2023, publicada no Diário Oficial da União de 12 de abril de 2023, considerando a Portaria de Pessoal MInC nº 1.312, de 27 de dezembro de 2023, bem como o art. 38, da Lei nº 8.112, de 11 de dezembro de 1990, e o processo SEI nº 01450.000366/2023-96, resolve:

Nº 12 Designar a servidora NATÁLIA LEAL DA SILVA, matrícula SIAPE Nº 1834327, para exercer o encargo de substituto eventual do(a) Diretor(a), código FCE 2.10, da Carita Goés Costa, Unidade Especial vinculada ao Departamento de Articulação, Fomento e Educação, nos afastamentos, impedimentos legais ou regulamentares do(a) titular e na vacância do cargo, sem prejuízo às suas respectivas atribuições, dispensando a servidora CLAUDIA FERNANDES BASTA LEAL, matrícula SIAPE Nº 1536096, do referido encargo.

Nº 13 Designar a servidora JOSEANE PAIVA MACEDO BRANDÃO, matrícula SIAPE Nº 1540775, para exercer o encargo de substituta eventual do(a) Coordenador(a) Técnico(a), código FCE 1.10, do Centro Lúcio Costa, Unidade Especial vinculada ao Departamento de Articulação, Fomento e Educação, nos afastamentos, impedimentos legais ou regulamentares do(a) titular e na vacância do cargo, sem prejuízo às suas respectivas atribuições, dispensando a servidora ADRIANA VIEIRA RIBEIRO, matrícula SIAPE nº 1724430, do referido encargo.

Nº 14 Designar a servidor GILSON MARTINS DA CUNHA, matrícula SIAPE nº 0336358, para exercer o encargo de substituto eventual do(a) Coordenador(a) Administrativo(a), código FCE 1.10, da Coordenação Administrativa do Centro Lúcio Costa, Unidade Especial vinculada ao Departamento de Articulação, Fomento e Educação, nos afastamentos, impedimentos legais ou regulamentares do(a) titular e na vacância do cargo, sem prejuízo às suas respectivas atribuições, dispensando o servidor ADEMIR VIEIRA RIBEIRO, matrícula SIAPE nº 1724430, do referido encargo.

Nº 15 Designar o servidor FELIPE RAFAEL GRACIOLI, matrícula SIAPE nº 2149619, para exercer o encargo de substituto eventual do(a) Chefe de Serviço, código FCE 1.05, do Núcleo de Ensino, Pesquisa e Extensão, do Centro Lúcio Costa, Unidade Especial vinculada ao Departamento de Articulação, Fomento e Educação, nos afastamentos, impedimentos legais ou regulamentares do(a) titular e na vacância do cargo, sem prejuízo às suas respectivas atribuições.

Nº 16 Designar a servidora ELIANE RAMALHO DE SOUZA, matrícula SIAPE nº 2231142, para exercer o encargo de substituta eventual do(a) Chefe de Serviço, código FCE 1.05, do Serviço Técnico Pedagógico, do Centro Lúcio Costa, Unidade Especial vinculada ao Departamento de Articulação, Fomento e Educação, nos afastamentos, impedimentos legais ou regulamentares do(a) titular e na vacância do cargo, sem prejuízo às suas respectivas atribuições.

DENISE RAMOS TODI

PORTARIAS DE PESSOAL IPHAN DE 4 DE JANEIRO DE 2024

A PRESIDENTE SUBSTITUTA DO INSTITUTO DO PATRIMÔNIO HISTÓRICO E ARTÍSTICO NACIONAL - IPHAN, no uso das atribuições que lhe confere o art. 18, inciso V, do Anexo I, do Decreto nº 11.178, de 18 de agosto de 2022, alterado pelo Decreto nº 11.807, de 28 de novembro de 2023, e a Portaria MInC nº 18, de 10 de abril de 2023, publicada no Diário Oficial da União de 12 de abril de 2023, considerando a Portaria de Pessoal MInC nº 1.312, de 27 de dezembro de 2023, bem como o art. 38, da Lei nº 8.112, de 11 de dezembro de 1990, e o processo SEI nº 01400.000201/2023-01, resolve:

Nº 17 Designar o servidor DANIEL ROBERTO DOS REIS SILVA, matrícula SIAPE nº 1534881, para exercer o encargo de substituto eventual do(a) Chefe da Biblioteca Amadeu Amaral, código FCE 1.07, do Centro Nacional de Folclore e Cultura Popular, Unidade Especial vinculada ao Departamento de Patrimônio Imaterial, nos afastamentos, impedimentos legais ou regulamentares do(a) titular e na vacância do cargo, sem prejuízo às suas respectivas atribuições, dispensando a servidora LUCIANE CERETTA, matrícula SIAPE nº 1540470, do referido encargo.

Nº 18 Designar a servidora JULIANA LIMA RIBEIRO, matrícula SIAPE nº 1536094, para exercer o encargo de substituta eventual do(a) Chefe da Divisão de Arquivo, código FCE 1.07, do Centro Nacional de Folclore e Cultura Popular, Unidade Especial vinculada ao Departamento de Patrimônio Imaterial, nos afastamentos, impedimentos legais ou regulamentares do(a) titular e na vacância do cargo, sem prejuízo às suas respectivas atribuições.

Nº 19 Designar a servidora JAQUELINE LEITE DE ANDRADE, matrícula SIAPE nº 3318527, para exercer o encargo de substituta eventual do(a) Coordenador Administrativo, código FCE 1.10, do Centro Nacional de Folclore e Cultura Popular, Unidade Especial vinculada ao Departamento de Patrimônio Imaterial, nos afastamentos, impedimentos legais ou regulamentares do(a) titular e na vacância do cargo, sem prejuízo às suas respectivas atribuições.

Nº 20 Designar a servidor TULIO LOURENÇO DO AMARAL, matrícula SIAPE nº 1126283, para exercer o encargo de substituto eventual do(a) Chefe da Divisão de Pesquisa, FCE 1.07, do Centro Nacional de Folclore e Cultura Popular, Unidade Especial vinculada ao Departamento de Patrimônio Imaterial, nos afastamentos, impedimentos legais ou regulamentares do(a) titular e na vacância do cargo, sem prejuízo às suas respectivas atribuições, dispensando o servidor LUIZ CESAR DOS SANTOS BAÍA, matrícula SIAPE nº 0757700, do referido encargo.

LEANDRO GRASS

DEPARTAMENTO DE PLANEJAMENTO E ADMINISTRAÇÃO
COORDENAÇÃO-GERAL DE GESTÃO DE PESSOAS

PORTARIA DE PESSOAL COGEP/DPA/IPHAN Nº 1, DE 5 DE JANEIRO DE 2024

A COORDENADORA-GERAL DE GESTÃO ESTRATÉGICA DE PESSOAS SUBSTITUTA DO DEPARTAMENTO DE PLANEJAMENTO E ADMINISTRAÇÃO DO INSTITUTO DO PATRIMÔNIO HISTÓRICO E ARTÍSTICO NACIONAL, considerando o disposto na Portaria IPHAN nº 141, de 13 de dezembro de 2023, publicada no Diário Oficial da União de 13 de dezembro de 2023, e no uso das atribuições que lhe confere o art. 33 da Portaria IPHAN nº 338, de 30 de novembro de 2023, publicada no Diário Oficial da União, de 01 de dezembro de 2023, e a Portaria de Pessoal MTUR nº 101, de 18 de outubro de 2022, publicada no Diário Oficial da União, de 19 de outubro de 2022, e considerando o que consta do Processo Administrativo nº 01000.003341/2023-08, resolve:

Art. 1º Conceder pensão ao senhor GEOMÁRIO PESSANHA SOARES, na qualidade de cônjuge da ex-servidora Maria de Lourdes Barreto Soares, ocupante do cargo de ASSISTENTE ADMINISTRATIVO II, matrícula Siape nº 0748885, ex-quadro de pessoal desse Instituto do Patrimônio Histórico e Artístico Nacional - IPHAN, falecida na representativa, em 14/06/2023, com fundamento no inciso I do art. 5º da Portaria SGP/SEDGG/ME Nº 4641, de 24 de maio de 2022, c/c os arts. 217, 219 e 222 da Lei nº 8.112, de 11 de dezembro de 1990, e arts. 23 e 24 da Emenda Constitucional nº 103, de 12 de novembro de 2019.

Art. 2º Os efeitos desta Portaria retroagem à data de 20/12/2023, conforme inciso II do art. 219 da Lei nº 8.112, de 11 de dezembro de 1990.

RENATA RODRIGUES SARROS ROCHA

PORTARIA DE PESSOAL COGEP/DPA/IPHAN Nº 2, DE 5 DE JANEIRO DE 2024

A COORDENADORA-GERAL DE GESTÃO ESTRATÉGICA DE PESSOAS SUBSTITUTA DO DEPARTAMENTO DE PLANEJAMENTO E ADMINISTRAÇÃO DO INSTITUTO DO PATRIMÔNIO HISTÓRICO E ARTÍSTICO NACIONAL, considerando o disposto na Portaria IPHAN nº 141, de 13 de dezembro de 2023, publicada no Diário Oficial da União de 13 de dezembro de 2023, e no uso das atribuições que lhe confere o art. 11 da Portaria IPHAN nº 338, de 30 de novembro de 2023, publicada no Diário Oficial da União, de 01 de dezembro de 2023, e a Portaria de Pessoal IPHAN nº 103, de 20 de junho de 2023, publicada no Diário Oficial da União, de 26 de junho de 2023, e considerando o que consta do Processo Administrativo nº 01400.003141/2023-90, resolve:

Art. 1º Conceder pensão a senhora LEDA ROCHA DE OLIVEIRA, na qualidade de companheira do servidor MANOEL MOISÉS SOUZA ALCANTARA, ocupante do cargo de ASSISTENTE ADMINISTRATIVO II, matrícula Siape nº 0866772, ex-quadro de pessoal desse Instituto do Patrimônio Histórico e Artístico Nacional - IPHAN, falecido em atividade em 17/11/2023, com fundamento no inciso IV do art. 5º da Portaria SGP/SEDGG/ME Nº 4641, de 24 de maio de 2022, c/c os arts. 217, 219 e 222 da Lei nº 8.112, de 11 de dezembro de 1990, e arts. 23 e 24 da Emenda Constitucional nº 103, de 12 de novembro de 2019.

Art. 2º Os efeitos desta Portaria entram em vigor em 17/11/2023.

RENATA RODRIGUES SARROS ROCHA

FUNDAÇÃO CULTURAL PALMARES

PORTARIA DE PESSOAL Nº 2, DE 5 DE JANEIRO DE 2024

O PRESIDENTE DA FUNDAÇÃO CULTURAL PALMARES, no uso de suas atribuições conferidas pelo art. 19, do Decreto nº 11.205, de 21 de setembro de 2022, publicado no Diário Oficial da União de 22 de setembro de 2022, seção 1, pag. 14, e em conformidade com as atribuições que lhe foram delegadas pela Portaria MInC nº 18, de 10 de abril de 2023, publicada no Diário Oficial da União de 12 de abril de 2023, e em consonância com as disposições contidas no art. 38 da Lei 8.112/90, resolve:

Art. 1º Designar o servidor JOSÉ NELSON MANOEL BERNARDO JUNIOR, matrícula SIAPE nº 2577051, para exercer o encargo de substituto eventual do Cargo Comissionado Executivo de Coordenador de Projeto, código CCE 1.10, do Departamento de Fomento e Promoção da Cultura Afro-brasileira, no período de 2 a 12 de janeiro de 2024, em virtude das férias do titular do cargo.

Art. 2º Esta Portaria entra em vigor na data de sua publicação.

JOÃO JORGE SANTOS RODRIGUES

Ministério da Defesa

GABINETE DO MINISTRO

PORTARIA GM-MD Nº 69, DE 5 DE JANEIRO DE 2024

O MINISTRO DE ESTADO DA DEFESA, no uso da atribuição que lhe confere o art. 87, parágrafo único, incisos IV, da Constituição, nos termos do art. 9º, da Lei nº 8.112, de 11 de dezembro de 1990, em conformidade com o inciso V do art. 3º e o art. 4º do Decreto nº 71.733, de 18 de janeiro de 1973, no inciso III do art. 37 e o art. 2º do Decreto nº 6.907, de 7 de fevereiro de 1995, do inciso I do art. 1º do Decreto nº 91.885, de 18 de outubro de 1985, do Decreto nº 9.991, de 28 de agosto de 2019, e de acordo com o que consta do Processo Administrativo nº 60000.000341/2023-08, resolve:

AUTORIZAR

o afastamento do País, com ônus limitado, no período de 05 de janeiro de 2024 a 08 de abril de 2024, incluindo o trânsito, do servidor MARCOS RICARDO OMENA DE ALBUQUERQUE MARINO, matrícula SIAPE nº 1855622, ocupante do cargo de Professor do Magistério Superior, do Quadro de Pessoal do Comando da Aeronáutica, lotado no Instituto Tecnológico de Aeronáutica (ITA), para participar de Estágio de Professor Visitante na Universidade Sapienza de Roma, em Roma, Itália, no período de 08 de janeiro de 2024 a 07 de abril de 2024.

As despesas com bolsa auxílio serão custeadas pela Universidade Sapienza de Roma, cabendo ao Comando da Aeronáutica somente o ônus da remuneração e outros direitos a que faz jus o servidor.

JOSÉ MUCIO MONTEIRO FILHO

CENTRO GESTOR E OPERACIONAL DO SISTEMA DE PROTEÇÃO DA AMAZÔNIA

PORTARIA DGDI/CENSIPAM/SG-MD Nº 69, DE 4 DE JANEIRO DE 2024

A DIRETORA-GERAL SUBSTITUTA DO CENTRO GESTOR E OPERACIONAL DO SISTEMA DE PROTEÇÃO DA AMAZÔNIA DO MINISTÉRIO DA DEFESA, em conformidade com a Portaria DGDI/CENSIPAM/SG-MD nº 4.578, de 11 de setembro de 2023, no uso da competência que lhe foi subdelegada pela Portaria nº 4.914/GM-MD, de 1º de dezembro de 2023, considerando o disposto no Decreto nº 11.337, de 1º de janeiro de 2023, e o que consta do Processo Administrativo nº 60053.000149/2023-28, resolve:

DESIGNAR

JOÃO PAULO DE ALMEIDA PONTES, Matrícula Siape nº 0038566M, para a Gratificação Temporária Sipam (GTS), nível 1, do Serviço Técnico do Centro Regional de Porto Velho, deste Centro Gestor.

RENATA BITAR TIVERON

PORTARIA DGDI/CENSIPAM/SG-MD Nº 72, DE 5 DE JANEIRO DE 2024

A DIRETORA-GERAL SUBSTITUTA DO CENTRO GESTOR E OPERACIONAL DO SISTEMA DE PROTEÇÃO DA AMAZÔNIA, DO MINISTÉRIO DA DEFESA, em conformidade com a Portaria DGDI/CENSIPAM/SG-MD nº 4.578, de 11 de setembro de 2023, no uso da competência que lhe foi subdelegada pela Portaria/GM-MD nº 3.920, de 10 de julho de 2022, considerando o disposto no Decreto nº 11.337, de 1º de janeiro de 2023, e o que consta do Processo Administrativo nº 60053.000149/2021-28, resolve:

EXONERAR, a pedido,

CATERINE DA SILVA LIMA, do cargo de Chefe de Serviço do Centro Regional de Porto Velho deste Centro Gestor, código CCE 1.05, a contar de 06 de janeiro de 2024.

RENATA BITAR TIVERON

COMANDO DA AERONÁUTICA
GABINETE DO COMANDANTE

PORTARIA GABAER Nº 4 GC1, DE 5 DE JANEIRO DE 2024

O CHEFE DO GABINETE DO COMANDANTE DA AERONÁUTICA, de acordo com a delegação de competência do art. 17 da Portaria GABAER nº 1537/GC1, de 1 de outubro de 2021, e o que consta do Processo nº 67000.003948/2023-66, resolve:

EXONERAR, por necessidade do serviço, ex officio, o Terceiro-Sargento OESA 9FT ROBSON RODRIGUES DOS SANTOS (Nr Ord 5403751/BAMN) à disposição do Superior Tribunal Militar, a fim de prestar serviço na 12ª Circunscrição Judiciária Militar, na cidade do Marco/AM, sem prejuízo da remuneração a que faz jus por este Comando, até o dia 06 de dezembro de 2024.

Ten Brig Ar ARY SOARES MESQUITA

PORTARIA GABAER Nº 5/GC1, DE 5 DE JANEIRO DE 2024

O CHEFE DO GABINETE DO COMANDANTE DA AERONÁUTICA, de acordo com a delegação de competência do art. 17 da Portaria GABAER nº 1537/GC1, de 1 de outubro de 2021, e o que consta do Processo nº 67000.002902/2023-91, resolve:

DISPENSAR, por necessidade do serviço, ex officio, o Suboficial BIT EVERTOSTENES ARMSTRONG PAULINO DE SOUZA (Nr Ord 2600943) de ficar à disposição do Superior Tribunal Militar e de prestar serviço na 1ª Circunscrição Judiciária Militar, na cidade do Rio de Janeiro/RJ.

Ten Brig Ar ARY SOARES MESQUITA

PORTARIA GABAER Nº 6 GC1, DE 5 DE JANEIRO DE 2024

O CHEFE DO GABINETE DO COMANDANTE DA AERONÁUTICA, de acordo com a delegação de competência do art. 17 da Portaria GABAER nº 1537/GC1, de 1º de outubro de 2021, e o que consta do Processo nº 67000.010534/2023-84 e nº 67000.011074/2023-47, resolve:

CONCEDER, por necessidade do serviço, ex officio, o Primeiro-Sargento SGS LISANDRO CARNEIRO (Nr Ord 3441264/QCO-CT) à disposição do Superior Tribunal Militar, a fim de prestar serviço na 5ª Circunscrição Judiciária Militar, na cidade de Curitiba-PR, sem prejuízo da remuneração a que faz jus por este Comando.

Um conferindo-lhe com o disposto no inciso III do art. 5º do Decreto nº 10.175, de 31 de dezembro de 2019, a militar supramencionada ficará à disposição do Superior Tribunal Militar pelo prazo máximo de 4 (quatro) anos, a contar da data de sua apresentação naquele órgão, prazo para o serviço.

Ten Brig Ar ARY SOARES MESQUITA

DIÁRIO OFICIAL DA UNIÃO - Seção 2 ISSN 1677-7050 Nº 5, segunda-feira, 8 de janeiro de 2024

Professional em Fisiologia Humana em Ambientes Extremos na Modalidade Professor Visitante, na Naval Aerospace Medical Research Laboratory (NAMRL) Naval Medical Research Unit Dayton/Wright-Patterson Air Force Base, em Dayton, Ohio, Estados Unidos da América, previsto para iniciar-se em 25 de março de 2024 e 24 de março de 2025.

As despesas serão custeadas com Bolsa Auxílio do Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq), cabendo ao Comando da Aeronáutica somente o ônus da remuneração e outros direitos a que faz jus o servidor.

JOSÉ MUCIO MONTEIRO FILHO

PORTARIA GM-MD Nº 71, DE 5 DE JANEIRO DE 2024

O MINISTRO DE ESTADO DA DEFESA, no uso da atribuição que lhe confere o art. 87, parágrafo único, inciso IV, da Constituição, nos termos do art. 9º, da Lei nº 8.112, de 11 de dezembro de 1990, em conformidade com o inciso V do art. 3º e o art. 4º do Decreto nº 1.387, de 7 de fevereiro de 1995, do inciso I do art. 1º do Decreto nº 91.885, de 18 de outubro de 1985, do Decreto nº 9.991, de 28 de agosto de 2019, e de acordo com o que consta do Processo Administrativo nº 67750.005054/2023-54, resolve:

AUTORIZAR

o afastamento do País, com ônus limitado, no período de 05 de janeiro de 2024 a 08 de abril de 2024, incluindo o trânsito, do servidor MARCOS RICARDO OMENA DE ALBUQUERQUE MARINO, matrícula SIAPE nº 1855622, ocupante do cargo de Professor do Magistério Superior, do Quadro de Pessoal do Comando da Aeronáutica, lotado no Instituto Tecnológico de Aeronáutica (ITA), para participar de Estágio de Professor Visitante na Universidade Sapienza de Roma, em Roma, Itália, no período de 08 de janeiro de 2024 a 07 de abril de 2024.

As despesas com bolsa auxílio serão custeadas pela Universidade Sapienza de Roma, cabendo ao Comando da Aeronáutica somente o ônus da remuneração e outros direitos a que faz jus o servidor.

JOSÉ MUCIO MONTEIRO FILHO

CENTRO GESTOR E OPERACIONAL DO SISTEMA DE PROTEÇÃO DA AMAZÔNIA

PORTARIA DGDI/CENSIPAM/SG-MD Nº 69, DE 4 DE JANEIRO DE 2024

A DIRETORA-GERAL SUBSTITUTA DO CENTRO GESTOR E OPERACIONAL DO SISTEMA DE PROTEÇÃO DA AMAZÔNIA, DO MINISTÉRIO DA DEFESA, em conformidade com a Portaria DGDI/CENSIPAM/SG-MD nº 4.578, de 11 de setembro de 2023, no uso da competência que lhe foi subdelegada pela Portaria nº 4.914/GM-MD, de 1º de dezembro de 2023, considerando o disposto no Decreto nº 11.337, de 1º de janeiro de 2023, e o que consta do Processo Administrativo nº 60053.000149/2021-28, resolve:

DESIGNAR

JOÃO PAULO DE ALMEIDA PONTES, Matrícula Siape nº 0038566M, para a Gratificação Temporária Sipam (GTS), nível 1, do Serviço Técnico do Centro Regional de Porto Velho, deste Centro Gestor.

RENATA BITAR TIVERON

PORTARIA DGDI/CENSIPAM/SG-MD Nº 72, DE 5 DE JANEIRO DE 2024

A DIRETORA-GERAL SUBSTITUTA DO CENTRO GESTOR E OPERACIONAL DO SISTEMA DE PROTEÇÃO DA AMAZÔNIA, DO MINISTÉRIO DA DEFESA, em conformidade com a Portaria DGDI/CENSIPAM/SG-MD nº 4.578, de 11 de setembro de 2023, no uso da competência que lhe foi subdelegada pela Portaria/GM-MD nº 3.920, de 10 de julho de 2022, considerando o disposto no Decreto nº 11.337, de 1º de janeiro de 2023, e o que consta do Processo Administrativo nº 60053.000149/2021-28, resolve:

EXONERAR, a pedido,

CATERINE DA SILVA LIMA, do cargo de Chefe de Serviço do Centro Regional de Porto Velho deste Centro Gestor, código CCE 1.05, a contar de 06 de janeiro de 2024.

RENATA BITAR TIVERON

COMANDO DA AERONÁUTICA
GABINETE DO COMANDANTE

PORTARIA GABAER Nº 4 GC1, DE 5 DE JANEIRO DE 2024

O CHEFE DO GABINETE DO COMANDANTE DA AERONÁUTICA, de acordo com a delegação de competência do art. 17 da Portaria GABAER nº 1537/GC1, de 1 de outubro de 2021, e o que consta do Processo nº 67000.003948/2023-66, resolve:

EXONERAR, por necessidade do serviço, ex officio, o Terceiro-Sargento OESA 9FT ROBSON RODRIGUES DOS SANTOS (Nr Ord 5403751/BAMN) à disposição do Superior Tribunal Militar, a fim de prestar serviço na 12ª Circunscrição Judiciária Militar, na cidade do Marco/AM, sem prejuízo da remuneração a que faz jus por este Comando, até o dia 06 de dezembro de 2024.

Ten Brig Ar ARY SOARES MESQUITA

PORTARIA GABAER Nº 5/GC1, DE 5 DE JANEIRO DE 2024

O CHEFE DO GABINETE DO COMANDANTE DA AERONÁUTICA, de acordo com a delegação de competência do art. 17 da Portaria GABAER nº 1537/GC1, de 1 de outubro de 2021, e o que consta do Processo nº 67000.002902/2023-91, resolve:

DISPENSAR, por necessidade do serviço, ex officio, o Suboficial BIT EVERTOSTENES ARMSTRONG PAULINO DE SOUZA (Nr Ord 2600943) de ficar à disposição do Superior Tribunal Militar e de prestar serviço na 1ª Circunscrição Judiciária Militar, na cidade do Rio de Janeiro/RJ.

Ten Brig Ar ARY SOARES MESQUITA

PORTARIA GABAER Nº 6 GC1, DE 5 DE JANEIRO DE 2024

O CHEFE DO GABINETE DO COMANDANTE DA AERONÁUTICA, de acordo com a delegação de competência do art. 17 da Portaria GABAER nº 1537/GC1, de 1º de outubro de 2021, e o que consta dos Processos nº 67000.010534/2023-84 e nº 67000.011074/2023-47, resolve:

CONCEDER, por necessidade do serviço, ex officio, o Primeiro-Sargento SGS LISANDRO CARNEIRO (Nr Ord 3441264/QCO-CT) à disposição do Superior Tribunal Militar, a fim de prestar serviço na 5ª Circunscrição Judiciária Militar, na cidade de Curitiba-PR, sem prejuízo da remuneração a que faz jus por este Comando.

Um conferindo-lhe com o disposto no inciso III do art. 5º do Decreto nº 10.175, de 31 de dezembro de 2019, a militar supramencionada ficará à disposição do Superior Tribunal Militar pelo prazo máximo de 4 (quatro) anos, a contar da data de sua apresentação naquele órgão, prazo para o serviço.

Ten Brig Ar ARY SOARES MESQUITA

COMANDO-GERAL DO PESSOAL
DIRETORIA DE ADMINISTRAÇÃO DO PESSOAL

PORTARIA DIRAP Nº 89 GPC1, DE 4 DE JANEIRO DE 2024

O DIRETOR DE ADMINISTRAÇÃO DO PESSOAL, no uso da competência que lhe foi subdelegada pela Portaria nº 377/GC3, de 7 de julho de 2011, Art. 14, inciso VI, publicada no DOU nº 130, Seção 1, de 8 de julho de 2011, e, em cumprimento à Decisão Judicial transitada em julgado, proferida nos autos do Processo nº 0007618-40.2010.4.03.6301, que tramitou perante o 2º Juizo Federal de São José dos Campos - SP, conforme Parecer de Força Executória nº 00216/2023/NOJFDTJ/PGU/AGU, de 4 de dezembro de 2023, considerando o Processo nº 67720.013007/2023-54, resolve:

Art. 1º Alterar a Portaria-CTA nº 49/DRC, de 17 de março de 1997, publicada no DOU nº 58, de 26 de março de 1997, Seção 2, referente à aposentadoria do servidor ALOISIER ALMEIDA DE OLIVEIRA RAMOS (Nr Ord 4771357), SAPE nº 01590852, no cargo de TECNOLOGISTA, código 409022, classe "Master", padrão III, 4ª, para substituir o fundamento legal da aposentadoria para Art. 40, inciso III, alínea "a", da Constituição Federal de 1988, na sua redação original, passando de aposentadoria proporcional ao tempo de serviço, para aposentadoria integral, permanecendo inalterados os demais termos da citada Portaria.

Art. 2º Esta Portaria entra em vigor na data de sua publicação.

Maj Brig Ar LUIZ GUILHERME DA SILVA MAGARÃO

COMANDO DO EXÉRCITO
GABINETE DO COMANDANTE
CHEFIA DE GABINETE

PORTARIA GAB CMT EXC/E Nº 1, DE 5 DE JANEIRO DE 2024

O CHEFE DO GABINETE DO COMANDANTE DO EXÉRCITO, no uso das competências que lhe confere o inciso II, Art 15, art. 4º da Portaria do Comandante do Exército nº 218, de 20 de março de 2017 e considerando o disposto no inciso III, alínea b), Art 14, art. 14 da Lei nº 6.880, de 9 de dezembro de 1980, com a redação dada pelo art. 1º da Lei nº 9.442, de 14 de março de 1997, resolve:

NOMEAR

o Cel R/1 (01874461268) VALDIR MARCELO LLANES, na Superior Tribunal Militar (STM), em Brasília-DF, como Presidente de Tarefa por Tempo Certo, para exercer a tarefa de Apoio Técnico de Acompanhamento da Gestão Orçamentária e Financeira da Justiça Militar da União, pelo prazo de 24 (vinte e quatro) meses, a partir de 1º de fevereiro de 2024.

Gen Ex FRANCISCO HUMBERTO MONTEIRO JUNIOR

COMANDO MILITAR DA AMAZÔNIA
COMANDO

PORTARIA Nº 3 C1-CMA, DE 4 DE JANEIRO DE 2024

O COMANDANTE MILITAR DA AMAZÔNIA, no uso da competência que lhe foi conferida pela Portaria nº 218/Cmt Ex, de 20 de março de 2017, resolve:

EXONERAR

Ex officio, o Coronel de Reserva Remunerada (01111057477) ALEXANDRE LUIZ GOMES PEREZ DO ROSÁRIO, Prec-CP nº 981932466, do Comando do Comando Militar da Amazônia (Manaus-AM), a partir de 01/02/2024, ao ocorrer com a alínea a), do inciso II, do Art. 11, da Portaria nº 218-Cmt Ex, de 20 de março de 2017.

NOMEAR

o Coronel da Reserva Remunerada (01111057477) ALEXANDRE LUIZ GOMES PEREZ DO ROSÁRIO, Prec-CP nº 981932466, no Comando do Comando Militar da Amazônia (Manaus-AM), como Presidente de Tarefa por Tempo Certo, para exercer a tarefa de Auxiliar Técnico e Administrativo à Ajutoria Geral, pelo prazo de 24 (vinte e quatro) meses, a partir de 01/02/2024.

Gen Ex RICARDO AUGUSTO FERREIRA COSTA NEVES

PORTARIA Nº 3 E1-CMA, DE 4 DE JANEIRO DE 2024

O COMANDANTE MILITAR DA AMAZÔNIA, no uso da competência que lhe foi conferida pela Portaria nº 218/Cmt Ex, de 20 de março de 2017, resolve:

EXONERAR

Ex officio, o Capitão da Reserva Remunerada (01832116108) NAZARO DE OLIVEIRA COSTA ALBUQUERQUE, Prec-CP nº 982020648, do Comando do Comando Militar da Amazônia (Manaus-AM), a partir de 01/02/2024, ao ocorrer com a alínea a), do inciso II, do Art. 11, da Portaria nº 218-Cmt Ex, de 20 de março de 2017.

NOMEAR

o Capitão da Reserva Remunerada (01832116108) NAZARO DE OLIVEIRA COSTA ALBUQUERQUE, Prec-CP nº 982020648, no Comando do Comando Militar da Amazônia (Manaus-AM), como Presidente de Tarefa por Tempo Certo, para exercer a tarefa de Apoio Técnico e Administrativo à Ajutoria Geral, pelo prazo de 24 (vinte e quatro) meses, a partir de 01/02/2024.

Gen Ex RICARDO AUGUSTO FERREIRA COSTA NEVES

PORTARIA Nº 5 E1-CMA, DE 4 DE JANEIRO DE 2024

O COMANDANTE MILITAR DA AMAZÔNIA, no uso da competência que lhe foi conferida pela Portaria nº 218/Cmt Ex, de 20 de março de 2017, resolve:

NOMEAR

o Subtenente da Reserva Remunerada (01128367548) CARLOS ALEXANDRE SILVA XAVIER, Prec-CP nº 981078710, no Comando do 12º Região Militar (Manaus-AM), como Presidente de Tarefa por Tempo Certo, para exercer a tarefa de Auxiliar de Tecnologia da Informação e Auxiliar Técnico Administrativo, pelo prazo de 24 (vinte e quatro) meses, a partir de 01/01/2024.

Gen Ex RICARDO AUGUSTO FERREIRA COSTA NEVES

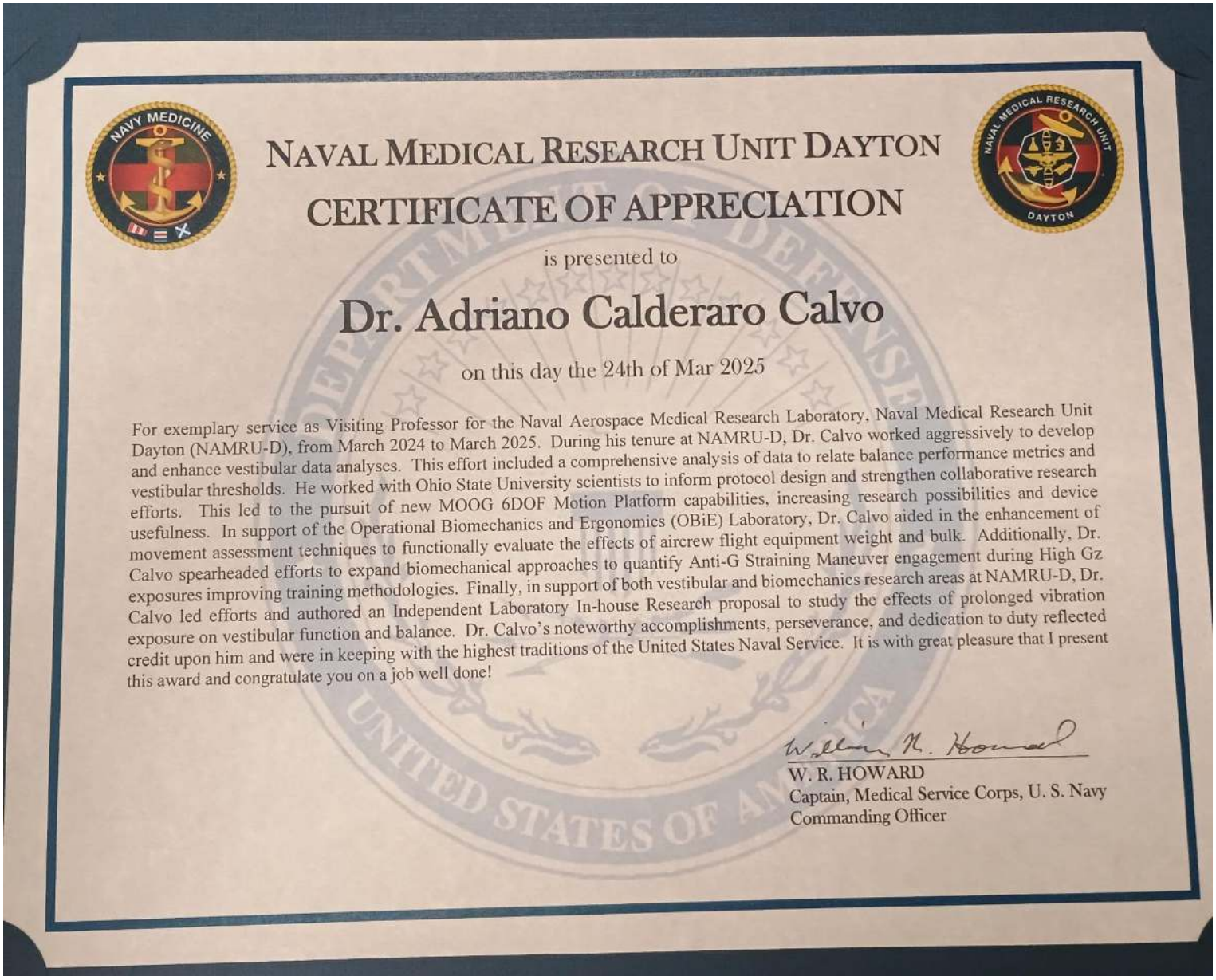
PORTARIA Nº 4 C1-CMA24, DE 4 DE JANEIRO DE 2024

O COMANDANTE MILITAR DA AMAZÔNIA, no uso da competência que lhe foi conferida pela Portaria nº 218/Cmt Ex, de 20 de março de 2017, resolve:

NOMEAR

o Capitão da Reserva Remunerada (01111388223) PEDRO PEREIRA DE ARAÚJO NETO, Prec-CP nº 981089637, no Comando do 12º Região Militar (Manaus-AM), como Presidente de Tarefa por Tempo Certo, para exercer a tarefa de Apoio Técnico Administrativo na Seção do Veterinário e Remonteiros, pelo prazo de 24 (vinte e quatro) meses, a partir de 01/01/2024.

Gen Ex RICARDO AUGUSTO FERREIRA COSTA NEVES



NAVAL MEDICAL RESEARCH UNIT DAYTON
CERTIFICATE OF APPRECIATION

is presented to

Dr. Adriano Calderaro Calvo

on this day the 24th of Mar 2025

For exemplary service as Visiting Professor for the Naval Aerospace Medical Research Laboratory, Naval Medical Research Unit Dayton (NAMRU-D), from March 2024 to March 2025. During his tenure at NAMRU-D, Dr. Calvo worked aggressively to develop and enhance vestibular data analyses. This effort included a comprehensive analysis of data to relate balance performance metrics and vestibular thresholds. He worked with Ohio State University scientists to inform protocol design and strengthen collaborative research efforts. This led to the pursuit of new MOOG 6DOF Motion Platform capabilities, increasing research possibilities and device usefulness. In support of the Operational Biomechanics and Ergonomics (OBiE) Laboratory, Dr. Calvo aided in the enhancement of movement assessment techniques to functionally evaluate the effects of aircrew flight equipment weight and bulk. Additionally, Dr. Calvo spearheaded efforts to expand biomechanical approaches to quantify Anti-G Straining Maneuver engagement during High Gz exposures improving training methodologies. Finally, in support of both vestibular and biomechanics research areas at NAMRU-D, Dr. Calvo led efforts and authored an Independent Laboratory In-house Research proposal to study the effects of prolonged vibration exposure on vestibular function and balance. Dr. Calvo's noteworthy accomplishments, perseverance, and dedication to duty reflected credit upon him and were in keeping with the highest traditions of the United States Naval Service. It is with great pleasure that I present this award and congratulate you on a job well done!

William R. Howard

W. R. HOWARD
Captain, Medical Service Corps, U. S. Navy
Commanding Officer

An official website of the United States government Here's how you know

ABOUT NAMRU DAYTON

The Naval Medical Research Unit DAYTON (NAMRU DAYTON) is one of the eight laboratories within the Department of Defense's Navy Medicine Research & Development Enterprise. As a subordinate command to Naval Medical Research Command (NMRC), NAMRU DAYTON is home of the Environmental Health Effects Laboratory (EHEL) and the Naval Aerospace Medical Research Laboratory (NAMRL). We are located at Wright-Patterson Air Force Base, Ohio.

Mission:

To enhance the health, readiness, and performance of Warfighters through environmental health effects, toxicology, and aerospace medical research and development.

Vision:

To deliver world-class research and development products to enhance Warfighter health, readiness, and performance in operational environments.

Assinado com Certificado Digital por 84429224153 - MARIA DO CARMO PORTIOLI em 31/01/2020 19:37

MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA
UNIVERSIDADE DA FORÇA AÉREA
AV. MARECHAL FONTENELLE Nº 1000
Rio de Janeiro - RJ- CEP 21740-002
Tel: (21)2157-2666 / Fax: (21)2157-2698 / e-mail: protocolo.unifa@fab.mil.br

Ofício nº 3/SECVR/20869
Protocolo COMAER nº 67560.020435/2019-14

Rio de Janeiro, 14 de maio de 2019.

À Reitora da Universidade Federal do Mato Grosso
Myrian Thereza de Moura Serra
Av. Fernando Corrêa da Costa, nº 2367 - Bairro Boa Esperança
CEP: 78.060-900 – Cuiabá – MT.

UNIVERSIDADE FEDERAL DE MATO GROSSO
REITORIA
RECEBEMOS ESTES AUTOS
Data: 13/05/19
Horário: 09:05 hs
Assinatura

Assunto: Redistribuição de Professor.

Senhora Reitora,

1. Trata mo presente expediente de redistribuição de docente da Universidade Federal de Mato Grosso - UFMT para a Universidade da Força Aérea - UNIFA.

2. Com base no Art. 37 da Lei nº 8.112/1990, que dispõe sobre o regime jurídico dos servidores públicos civis da União, das autarquias e das fundações públicas federais, consulto quanto a possibilidade de aquiescer com a redistribuição funcional do Professor Doutor ADRIANO PERCIVAL CALDERARO CALVO, matrícula SIAPE nº 199290-5, lotado na Faculdade de Educação Física da UFMT.

3. Esta solicitação tem como justificativa a necessidade de composição do corpo docente permanente do Programa de Pós-graduação *Stricto Sensu* em Desempenho Humano Operacional - PPGDHO, em nível de Mestrado Profissional, recentemente aprovado pela CAPES.

4. O objetivo do Curso de Mestrado Profissional é qualificar militares e civis vinculados ao Ministério da Defesa para a investigação, proposição, gerenciamento e avaliação de programas de capacitação e intervenção biopsicossocial visando à qualificação do desempenho humano para as atribuições e missões operacionais inerentes às Forças Armadas brasileiras.

5. Nesta perspectiva, o referido Professor possui interesse e expertise para o desenvolvimento de uma das linhas de pesquisa do PPGDHO, notadamente a que versa sobre a "Avaliação e intervenção ergonômica e biomecânica aplicadas ao Desempenho Humano Operacional".

Assinado digitalmente por JOSE ISAIAS AUGUSTO DE CARVALHO NETO
ESTE DOCUMENTO DEVE SER AUTENTICADO NO PORTAL https://adoc.aer.mil.br/adoc,
informando o código: EAS3HLLQ.OX4CWZSP.W7MJ6DBB.NKGKW2H3

Signed with Digital Certificate by 84429224153 - MARIA DO CARMO PORTIOLI on 01/31/2020 7:37 PM

MINISTRY OF DEFENSE
AIR FORCE COMMAND
AIR FORCE UNIVERSITY
AV. MARECHAL FONTENELLE No. 1000
Rio de Janeiro - RJ - ZIP Code 21740-002
Phone: (21) 2157-2666/Fax: (21) 2157-2698/ e-mail: protocolo.unifa@fab.mil.br

Official Letter No. 3/SECVR/20869
COMAER Protocol No. 67560.020435/2019-14

Rio de Janeiro, May 14, 2019.

FEDERAL UNIVERSITY OF MATO GROSSO
PRESIDENT'S OFFICE
WE HAVE RECEIVED THESE RECORDS
Date: 05/23/2019
Time: 9:05 a.m.
-----//SIGNATURE//------
Signature

To the President of the Federal University of Mato Grosso
Myrian Thereza de Moura Serra
Av. Fernando Corrêa da Costa, No. 2367 - Boa Esperança Neighborhood
ZIP Code: 78.060-900 - Cuiabá - MT.

Subject: Redistribution of Professor.

Madam President,

1. The present document concerns the redistribution of a faculty member from the Federal University of Mato Grosso - UFMT to the Air Force University - UNIFA.

2. Based on Article 37 of Law No. 8,112/1990, which provides for the legal regime of federal civil public servants of the Union, the autonomous agencies, and the federal public foundations, I inquire as to the possibility of agreeing to the functional redistribution of Professor Doctor ADRIANO PERCIVAL CALDERARO CALVO, SIAPE registration No. 199290-5, assigned to the School of Physical Education of UFMT.

3. This request is justified by the need to compose the permanent faculty of the **Stricto Sensu* Graduate Studies Program in Operational Human Performance - PPGDHO, at the Professional Master's level, recently approved by CAPES.

4. The objective of the Professional Master's Program is to qualify military personnel and civilians linked to the Ministry of Defense for the investigation, proposal, management, and evaluation of training and biopsychosocial intervention programs aimed at qualifying human performance for the duties and operational missions inherent to the Brazilian Armed Forces.

5. In this perspective, the aforementioned Professor has an interest and expertise in the development of one of the research lines of the PPGDHO, notably the one that addresses "Ergonomic and biomechanical assessment and intervention applied to Operational Human Performance."

Digitally signed by JOSE ISAIAS AUGUSTO DE CARVALHO NETO
THIS DOCUMENT MUST BE AUTHENTICATED ON THE PORTAL https://adoc.aer.mil.br/adoc
by entering the code: EAS3HLLQ.OX4CWZSP.W7MJ6DBB.NKGKW2H3

*Translator Note: "Stricto sensu" is a Latin term that means "in the strict sense" in English. It is commonly used in academic contexts, particularly in graduate studies and research, to indicate a precise or narrow interpretation of a concept or term.

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that I have performed the professional translation of this document from Portuguese to English, as a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana **Date: February 12, 2026**

Assinado com Certificado Digital por 84429224153 - MARIA DO CARMO PORTIOLI em 31/01/2020 19:37

MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA
UNIVERSIDADE DA FORÇA AÉREA
AV. MARECHAL FONTENELLE Nº 1000
Rio de Janeiro - RJ- CEP 21740-002
Tel: (21)2157-2666 / Fax: (21)2157-2698 / e-mail: protocolo.unifa@fab.mil.br

Ofício nº 3/SECVR/20869
Protocolo COMAER nº 67560.020435/2019-14

Rio de Janeiro, 14 de maio de 2019.

À Reitora da Universidade Federal do Mato Grosso
Myrian Thereza de Moura Serra
Av. Fernando Corrêa da Costa, nº 2367 - Bairro Boa Esperança
CEP: 78.060-900 – Cuiabá – MT.

UNIVERSIDADE FEDERAL DE MATO GROSSO
REITORIA
RECEBEMOS ESTES AUTOS
Data: 23/05/19
Horário: 09:05 hs
Assinatura

Assunto: Redistribuição de Professor.

Senhora Reitora,

1. Trata mo presente expediente de redistribuição de docente da Universidade Federal de Mato Grosso - UFMT para a Universidade da Força Aérea - UNIFA.

2. Com base no Art. 37 da Lei nº 8.112/1990, que dispõe sobre o regime jurídico dos servidores públicos civis da União, das autarquias e das fundações públicas federais, consulto quanto a possibilidade de aquiescer com a redistribuição funcional do Professor Doutor ADRIANO PERCIVAL CALDERARO CALVO, matrícula SIAPE nº 199290-5, lotado na Faculdade de Educação Física da UFMT.

3. Esta solicitação tem como justificativa a necessidade de composição do corpo docente permanente do Programa de Pós-graduação *Stricto Sensu* em Desempenho Humano Operacional - PPGDHO, em nível de Mestrado Profissional, recentemente aprovado pela CAPES.

4. O objetivo do Curso de Mestrado Profissional é qualificar militares e civis vinculados ao Ministério da Defesa para a investigação, proposição, gerenciamento e avaliação de programas de capacitação e intervenção biopsicossocial visando à qualificação do desempenho humano para as atribuições e missões operacionais inerentes às Forças Armadas brasileiras.

5. Nesta perspectiva, o referido Professor possui interesse e expertise para o desenvolvimento de uma das linhas de pesquisa do PPGDHO, notadamente a que versa sobre a "Avaliação e intervenção ergonômica e biomecânica aplicadas ao Desempenho Humano Operacional".

Assinado digitalmente por JOSE ISAIAS AUGUSTO DE CARVALHO NETO
ESTE DOCUMENTO DEVE SER AUTENTICADO NO PORTAL https://adoc.aer.mil.br/adoc,
informando o código: EAS3HLLQ.OX4CWZSP.W7MJ6DBB.NKGKW2H3

MINISTRY OF DEFENSE
AIR FORCE COMMAND
AIR FORCE UNIVERSITY

Official Letter No. 614/PROPGP/3100 Rio de Janeiro, May 29, 2023.
COMAER Protocol n° 67560.002853/2023-14

From the Administration Vice-President
To: The Chief of the Anápolis Support Group

Subject: Support for conducting scientific research within the scope of the Academic Cooperation Program in National Defense (PROCAD DEFESA).

Reference: Official Letter No. 1433/SPOA-20/3059, from COMPREP to UNIFA, BAAN.

1. This document concerns support for the delegation of researchers from UNIFA and the Rio de Janeiro State University (UERJ), for research to be conducted with the pilots of the 1st GDA, as outlined in the referenced document.

2. The members listed in the table below are scheduled to arrive at Brasília Airport (BSB) on 07/02/2023, and return to the city of Rio de Janeiro from the same airport on 07/14 2023.

Name	RG ID	CPF ID	Position
Professor Dr. Adriano Percival Calderaro Calvo	30854312-9	266.452.848-37	Principal Investigator and UNIFA Representative
Professor Alanny Cristine Dos Santos Pinheiro	29285658-0	143.877.967-40	Technical Assistant at UERJ
Professor Caio Oliveira Ramado	20182216-0	116.513.497-70	Technical Assistant at UERJ
Professor Dr. Gilson Costa dos Santos Junior	12003989-6	086.690.047-04	Researcher at UERJ
Professor Dr. Grace Barros de Sá	12547228-2	055.165.067-27	Researcher at UERJ
Professor Márcio Henriques do Carmo Lima	06926822-5	213.93.427-20	Technical Assistant at UERJ
Professor Dr. Renato de Oliveira Massaferri	20387048-0	099.121.967-83	Researcher at UERJ
Professor MSc. Roberta Veríssimo França de Oliveira	13219070-3	153.877.737-16	Technical Assistant at UERJ

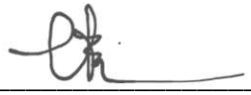
3. In this regard, considering the institutional support for the research developed by this University, I inquire about the possibility of support for transportation BSB-Anápolis-BSB, accommodation at the Transit Hotel, and meals for the delegation.

4. 4.Finally, Colonel (Intendant) R/1 CARLOS ALBERTO LEITE DA SILVA, Graduate Studies and Research Vice-President, is available at the phone numbers (21) 2157-2213 / (21) 99803-3469 and/or email: leitecals@fab.mil.br for any necessary clarifications.

BAAN: Anápolis Air Base
COMAER Air Force Command
COMPREP: Air Force Readiness Command
GDA: Air Defense Group
PROPGP: Office of Graduate Studies and Research
UNIFA: Air Force University

ALEXSANDRO ALMEIDA DE OLIVEIRA Colonel Intendant
Administration Vice President

I, Carolina Favero da Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.


_____ Date: August 15, 2025.

MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA
UNIVERSIDADE DA FORÇA AÉREA

Ofício nº 614/PROPGP/3100 Rio de Janeiro, 29 de maio de 2023.
Protocolo COMAER nº 67560.002853/2023-14

Do Pró-Reitor de Administtração
Ao Chefe do Grupamento de Apoio de Anápolis

Assunto: Apoio para realização de pesquisa científica no âmbito do Programa de Cooperação Acadêmica em Defesa Nacional (PROCAD-DEFESA).

Referência: 1. Of nº 1433/SPOA-20/3059, do(a) COMPREP ao(à) UNIFA, BAAN.

1. Trata o presente expediente sobre apoio à comitiva de pesquisadores da UNIFA e da Universidade do Estado do Rio de Janeiro (UERJ), para pesquisa a ser desenvolvida com os pilotos do 1º GDA, conforme o documento da referência.

2. Os membros, relacionados no quadro abaixo, têm previsão de chegada no Aeroporto de Brasília (BSB) no dia 02/07/2023 e retorno para a cidade do Rio de Janeiro, no mesmo aeroporto, marcado para o dia 14/07/2023.

Nome	RG	CPF	Função
Prof Dr Adriano Percival Calderaro Calvo	30854312-9	266.452.848-37	Pesquisador responsável e representante da UNIFA
Prof Alanny Cristine Dos Santos Pinheiro	29285658-0	143.877.967-40	Assistente Técnico da UERJ
Prof Caio Oliveira Ramado	20182216-0	116.513.497-70	Assistente Técnico da UERJ
Prof Dr Gilson Costa dos Santos Junior	12003989-6	086.690.047-04	Pesquisador da UERJ
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Prof Dr Renato de Oliveira Massaferri	20387048-0	099.121.967-83	Pesquisador da UERJ
Prof Me Roberta Verissimo França de Oliveira	13219070-3	153.877.737-16	Assistente Técnico da UERJ

3. Nesse sentido, considerando o apoio institucional às pesquisas desenvolvidas por esta Universidade, consulto ao senhor sobre a possibilidade de apoio no translado BSB-Anápolis-BSB, estadia no Hotel de Trânsito e alimentação da comitiva.

(FL 2/2 do Of nº 614/PROPGP/3100 - UNIFA, de 29 MAIO 2023, Prot nº 67560.002853/2023-14)

4. Por fim, coloco à disposição o Cel Int R/1 CARLOS ALBERTO **LEITE** DA SILVA, Pró-Reitor de Pós-Graduação e Pesquisa, nos telefones (21) 2157-2213 / (21) 99803-3469 e/ou e-mail: leitecals@fab.mil.br para os esclarecimentos que se fizerem necessários.

ALEXSANDRO ALMEIDA DE OLIVEIRA Cel Int
Pró-Reitor de Administração

JUNE 22, 2023 MEETING

1. Definitions

a. Academic event to be held: Seminar.

b. Event date: October 10 and 11, 2023.

c. Event location: ECEME (Rio de Janeiro - Rio de Janeiro).

d. Model with 4 thematic axes (Responsible/representative OM):

1) Defense - ECEME (Colonel De Franciscis);

2) Technology and Engineering - IME (Lieutenant Colonel Maranhão);

3) Health, Human Performance, and Human Factors - IBEX (Lieutenant Colonel Tatiana) and UNIFA (Professor Adriano Percival); and

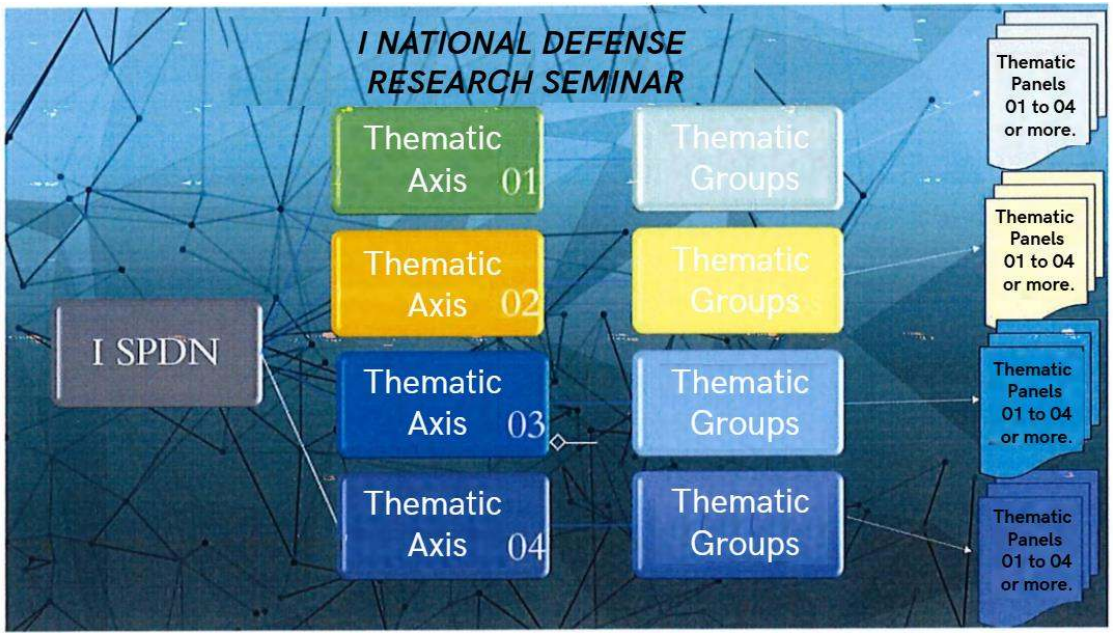
4) Education and Social Communication - CEP/FDC (Major Magalhães).

e. Four (4) committees will be formed, each coordinated by the responsible OM, one for each thematic axis, for planning and selecting the papers to be presented.

f. Each thematic axis may organize up to 4 thematic panels per requested classroom; that is, each classroom will accommodate, according to the proposed schedule, up to 4 thematic panels running simultaneously.

g. If any committee deems it necessary to open a second classroom to hold its 5th panel onward, these sessions will run simultaneously (1st/5th, 2nd/6th, and so on).

h. For internal organization purposes, each thematic axis may make a subdivision by thematic group, in order to better characterize the scope and research agenda of the thematic tables, assigning to each thematic group the number of thematic tables it deems pertinent, as shown below.



i. Schools located outside the garrison must inform their needs for air/ground transportation and per diems.

- The need for transportation and per diems for keynote speakers/opening panel and invited alumni must be submitted to CADESM.

j. A new meeting is scheduled for **July 27, 2023, at 2:00 p.m.**, for the presentation of committee planning.

l. Administrative arrangements for meals and **Coffee Breaks** must be defined to coordinate lunch provisions for October 10 and 11, as well as support and meals provided by ECEME on the event days, using funds transferred by CADESM/DECEx.

2. Event format

OCTOBER 10, 2023 (TUESDAY)

- 8:00 am to 9:00 am …….. Registration
- 9:00 am to 10:00 am ……..Opening Session:
  - Commander DECEx, General Officers MB and FAB **(CENTRALIZED Activity);**
  - Professor Dr. Antônio Jorge Ramalho da Rocha (UNB) - Vice President of ABED **(CENTRALIZED Activity);**
  - Professor Dr. Oswaldo Martins Estanislau do Amaral (UNICAMP) Coordinator of the Evaluation Area, CP RI and CAPES Defense **(CENTRALIZED Activity);**
  - Professor Dr. Luís Manuel Rebelo Fernandes - Executive Secretary of the Ministry of Science, Technology and Innovation **(CENTRALIZED Activity).**
- 10:00 am to 10:40 am …….. Lecture Professor Dr. Luís Manuel Rebelo Fernandes - Executive Secretary of the Ministry of Science, Technology and Innovation **(CENTRALIZED Activity).**
- 10:40 am to 11:00 am ……..Break
- 11:00 am to 12:00 pm …….. Alumni Exhibition (Tiradentes Award and others) * (maximum 4, no break or debates) - **(CENTRALIZED Activity).**

- 12:00 pm to 1:20 pm …….. Lunch
- 1:30 pm to 2:50 pm …….. Managed by the thematic axis committees (**thematic panel 01**
- Proposal of up to up to 3 presentations of 20 minutes each + 20 minutes of debate, or as determined by the coordination, each thematic axis will conduct its thematic panel No. 01 in its assigned room, simultaneously with the other axes);
- 2:50 pm to 3:30 pm…….. **Coffee Break with poster presentations** (Cultural Space/ECEME Library) - **(CENTRALIZED Activity)**
- 3:30 pm to 4:50 pm …….. Managed by the thematic axis committees (**thematic panel 02**
- Proposal of up to 3 presentations of 20 minutes each + 20 minutes of debate, or as determined by the coordination, each thematic axis will conduct its thematic panel No. 02 in its assigned room, simultaneously with the other axes).

OCTOBER 11, 2023 (WEDNESDAY)

- 09:00 am to 10:00 am …….. Centralized lecture alumni or guest speaker (regular)
- 10:00 am to 10:40 am …….. **Coffee Break with poster presentations** (Cultural Space/ECEME Library) - **(CENTRALIZED Activity).**
- 10:40 am to 12:00 pm ……..Managed by the thematic axis committees (**thematic panel 03**
- Proposal of up to 3 presentations of 20 minutes each + 20 minutes of debate, or as determined by the coordination, each thematic axis will conduct its thematic panel No. 03 in its assigned room, simultaneously with the other axes).

- 12:00 pm to 1:20 pm …….. **Lunch**

- 1:30 pm to 2:50 pm …….. Managed by the thematic axis committees (**thematic panel 04** - Proposal of up to 3 presentations of 20 minutes each + 20 minutes of debate, or as determined by the coordination, each thematic axis will conduct its thematic panel No. 04 in its assigned room, simultaneously with the other axes).
- 2:50 pm to 3:30 pm …….. **Coffee Break** (may include poster presentations if there is demand; otherwise, duration may be reduced by 20 minutes) - **(CENTRALIZED Activity**).
- 3:30 pm to 4:00 pm …….. Closing ceremony with the participation of all panelists, panel coordinators, and thematic committees (under the responsibility of the event coordination, identify an authority to attend the closing ceremony) - **(CENTRALIZED Activity).**

NOTE: If any thematic area wishes to hold more than 4 thematic panels, it must request the availability of an additional classroom for conducting those sessions, which will follow the schedule organized simultaneously with the other panels in that thematic area. Please note that, in the case of activating an additional classroom for the thematic axis, the thematic panels will continue in ascending numerical order from the 5th onward to the 8th, and will occur simultaneously with panels 1 through 4 of that thematic axis, as specified in items "g." and "h." of section "1." of this record.

3. Tasks

a. Submission/presentation of each committee's planning during the meeting on July 27, 2023.

b. Volunteers to present the event logo/branding design.

Rio de Janeiro, Rio de Janeiro, July 20, 2023.

JULIANO BRUNO DE ALMEIDA CARDOSO -Colonel (R1)
Chief of CADESM

ABED: Brazilian Association for Distance Education
CADESM: Commission for Evaluation and Development of Military Higher Education
CAPES: Coordination for the Improvement of Higher Education Personnel
CEP/FDC: Center for Policy Studies of Dom Cabral Foundation
CP RI: Coordination for the Area of International Relations
DECEx: Army Department of Education and Culture
ECEME: Army Command and General Staff School
FAB: Brazilian Air Force
IBEX: Brazilian Institute of Education, Development and Research
IME: Military Institute of Engineering
MB: Brazilian Navy
OM: Military Organization
SPDN: National Defense Research Seminar
UNB: University of Brasília
UNICAMP: University of Campinas

I, Carolina Favero da Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.


_____ Date: August 18, 2025.

REUNIÃO DE 22 JUN 23

1. Definições

a. Evento acadêmico a ser realizado: Seminário.

b. Data do evento: 10 e 11 OUT 23.

c. Local do evento: ECEME (Rio de Janeiro-RJ).

d. Modelo com 4 eixos temáticos (OM responsável/representante):

1) Defesa - ECEME (Cel De Franciscis);

2) Tecnologia e Engenharia - IME (TC Maranhão);

3) Saúde, Desempenho Humano e Fator Humano - IBEx (TC Tatiana) e UNIFA (Prof Adriano Percival); e

4) Educação e Comunicação Social - CEP/FDC (Maj Magalhães).

e. Serão formados 04 (quatro) comitês, coordenados pela OM responsável, um para cada eixo temático, para planejamento e escolha dos trabalhos a serem apresentados.

f. Cada Eixo temático poderá compor até 04 mesas temáticas por sala de aula solicitada, ou seja, cada sala de aula vai comportar, de acordo com o cronograma proposto, até 04 mesas temáticas que funcionarão simultaneamente.

g. Caso algum comitê julgue necessária a abertura de uma segunda sala de aula para desenvolver a sua 5ª mesa em diante, elas serão simultâneas (1º/5º. 2º/6º....) e assim por diante.

h. Para fins de organização interna, cada eixo temático poderá fazer uma subdivisão por grupo temático, de modo a caracterizar melhor o escopo e a agenda de pesquisa das mesas temáticas, atribuindo a cada grupo temático o número de mesas temáticas que julgar pertinente, conforme figura abaixo.



i. As escolas localizadas fora da guarnição deverão informar as necessidades de passagens aéreas/rodoviárias e diárias.

- A necessidade de passagens e diárias para os palestrantes/mesa de abertura e egressos convidados deverão ser encaminhadas à CADESM.

j. Agendada nova reunião para o dia **27 JUL 23, às 14:00 hs**, para apresentação do planejamento dos comitês.

l. As medidas administrativas de alimentação e **Coffee Break** deverão ser definidas para o ajuste do arranchamento do almoço dos dias 10 e 11 de outubro e apoio e rancho pela ECEME nos dias do evento, com recursos repassados pela CADESM/DECEx.

2. Formato do evento

DIA 10 OUT 23 (3ª FEIRA)

- 08:00 às 09:00 hs.....Credenciamento
- 09:00 às 10:00 hs.....Abertura:
  - Ch DECEx, Of Gen MB e FAB **(Atividade CENTRALIZADA)**;
  - Prof. Dr. Antônio Jorge Ramalho da Rocha (UNB) - Vice Pres. ABED **(Atividade CENTRALIZADA)**;
  - Prof. Dr. Oswaldo Martins Estanislau do Amaral (UNICAMP) Coordenador da Area Avaliação CP RI e Defesa CAPES **(Atividade CENTRALIZADA)**;
  - Prof Dr Luis Manuel Rebelo Fernandes - Secretário-Executivo do Ministério da Ciência, Tecnologia e Inovação **(Atividade CENTRALIZADA)**.
- 10:00 às 10:40 hs.....Palestra Prof Dr Luis Manuel Rebelo Fernandes - Secretário-Executivo do Ministério da Ciência, Tecnologia e Inovação **(Atividade CENTRALIZADA)**.
- 10:40 às 11:00 hs.....Intervalo
- 11:00 às 12:00 hs.....Exposição Egressos (prêmio Tiradentes e outros) *(no máximo 04 sem intervalo e sem debates) - **(Atividade CENTRALIZADA)**.

- 12:00 às 13:20 hs.....Almoço

- 13:30 às 14:50 hs.....A cargo dos comitês dos eixos temáticos (**mesa temática 01** – proposta de até 03 apresentações 20 min e Debates 20 min ou como a coordenação achar melhor, cada eixo temático conduzirá sua mesa temática nº 01 em sua sala designada simultaneamente com as demais mesas dos outros eixos);
- 14:50 às 15:30 hs.....**Coffee Break com apresentação de pôsteres** (Espaço cultural/Biblioteca ECEME) - **(Atividade CENTRALIZADA)**
- 15:30 às 16:50 hs ..... A cargo dos comitês dos eixos temáticos (**mesa temática 02** – proposta de até 03 apresentações 20 min e Debates 20 min ou como a coordenação achar melhor, cada eixo temático conduzirá sua mesa temática nº 02 em sua sala designada simultaneamente com as demais mesas dos outros eixos).

DIA 11 OUT 23 (4ª FEIRA)

- 09:00 às 10:00 hs.....Palestra centralizada egressos ou palestrante convidado (a regular)
-10:00 às 10:40 hs.....**Coffee Break com apresentação de pôsteres** (Espaço cultural/Biblioteca ECEME) - **(Atividade CENTRALIZADA)**.
- 10:40 às 12:00 hs.....A cargo dos comitês dos eixos temáticos (**mesa temática 03** – proposta de até 03 apresentações 20 min e debates 20 min ou como a coordenação achar melhor, cada eixo temático conduzirá sua mesa temática nº 03 em sua sala designada simultaneamente com as demais mesas dos outros eixos).

- 12:00 às 13:20 hs.....Almoço

- 13:30 às 14:50 hs.....A cargo dos comitês dos eixos temáticos (**mesa temática 04** – proposta de até 03 apresentações 20 min e debates 20 min ou como a coordenação achar melhor, cada eixo temático conduzirá sua mesa temática nº 04 em sua sala designada simultaneamente com as demais mesas dos outros eixos).
- 14:50 às 15:30 hs.....**Coffee Break** (pode ter apresentação de poster se houver demanda, caso contrário, pode ser diminuído em 20 min) - **(Atividade CENTRALIZADA)**.
- 15:30 às 16:00 hs..... Cerimônia de encerramento com a participação de todos os painelistas, coordenadores de mesas e comitês temáticos. (a cargo da coordenação do evento, verificar uma autoridade para prestigiar o encerramento) - **(Atividade CENTRALIZADA)**.

OBS: Caso alguma área temática queira realizar mais de 04 mesas temáticas deverá solicitar a disponibilização de mais uma sala de aula para a condução desses trabalhos, que seguirá o quadro horário organizado simultaneamente com as demais mesas da área temática. Lembrando, que em caso de ativação de mais uma sala de aula para o eixo temático, as mesas temáticas seguirão a ordem numérica crescente de 5ª a 8ª mesas temáticas e serão simultâneas as mesas 1ª a 4ª daquele eixo temático, conforme explicito nas letras "g." e "h." do item "1." desta Ata.

3. Tarefas

a. Entrega/apresentação do planejamento de cada comitê na reunião de 27 JUL 23.

b. Voluntários apresentar arte da logomarca/logotipo para o evento.

Rio de Janeiro, RJ, 20 de julho de 2023.

JULIANO BRUNO DE ALMEIDA CARDOSO - Cel R1
Ch CADESM

Highlights of the PPGCA

Saiba mais sobre o nosso Programa: www.fab.mil.br/unifa/ppgca.

The Graduate Program in Aerospace Sciences (**PPGCA**) of the Air Force University (**UNIFA**) offers Professional Master's and Doctoral Programs in Aerospace Sciences.

We are rated 5 by CAPES/MEC

The PPGCA achieved a **Rating of 5** in Area 39 (Political Science & International Relations) of the Coordination for the Improvement of Higher Education Personnel (**CAPES**), which attests to its quality as a national reference.



CAPES RECOGNITION

RATING 5

the highest among Professional Programs

Below, we list some of the PPGCA's noteworthy activities that took place during the month of April 2025.

April 2

Prof. Dr. Luciano Vaz presented his postdoctoral research on cybersecurity at Jagiellonian University, in Kraków, Poland.



April 2

The PPGCA master's student, Maj Int Mellina dos Santos Ferreira Barbosa, delivered instruction within the scope of the Training and Strengthening of Values Program (PFFV), addressing the topic "Emotional Balance," to 118 trainees. The Technical Adaptation Training (EAT) and the Adaptation and Service Training (EAS) of the new Brazilian Air Force Officer Candidates, members of Class Atlas, were concluded on April 25, 2025, during a Military Ceremony commemorating the Oath to the National Flag.



April 3

Prof. Dr. Patrícia Matos delivered a lecture entitled "*New Space* and the Brazilian Space Industry: Challenges and Opportunities" during the 1st Brazilian Army Seminar at LAAD: Science, Technology, and Innovation in Defense and the Defense Industrial Base. The event was held in the context of *LAAD Defense & Security* 2025.



April 3

The PPGCA master's student, a scholarship holder of the Pro-Defense V/CAPES program, presented his ongoing research, entitled "Brazilian Industrial Policy in the Early Years of the Aeronautical Industry: A Study on the Brazilian Aircraft Factory (1936–1941)", during the 1st Brazilian Army Seminar at LAAD: Science, Technology, and Innovation in Defense and the Defense Industrial Base.



April 4

Within the scope of the course Fundamentals of Political Science, coordinated by Professors Gills Lopes and Lt. Reis, the master's and doctoral students of the 2025 PPGCA cohort participated in the International Military Logistics Symposium at LAAD. The event was attended by the Commander and President of UNIFA, Air Major-Brigadier Max Cintra Moreira, and the Vice-President of Graduate Studies and Research, Prof. Dr. Eduardo Sol.



April 7

The doctoral student, Capt. QOMED Moisés Bonifácio das Neves, under the supervision of Prof. Dr. Newton Hirata, delivered instruction and coordinated a technical visit by the Army's Specialized Instruction School (EsIE) to the Galeão Air Force Hospital (HFAG). The activity aimed to foster interactions between EsIE and HFAG in the field of CBRN defense (Chemical, Biological, Radiological, and Nuclear), the central topic of his doctoral dissertation.

https://www2.fab.mil.br/hfag/index.php/slideshow/566-hfag-recebe-alunos-esie-2025#:~:text=do%20menu%20principal-,HFAG%20Recebe%20Alunos%20da%20Escola%20de%20Instru%C3%A7%C3%A3o%20Especializada%20do%20Ex%C3%A9rcito,Instru%C3%A7%C3%A3o%20Especializada%20do%20Ex%C3%A9rcito%20%2D%20EsIE





April 8

The PPGCA master's student, Maj Int Mellina dos Santos Ferreira Barbosa, served as coordinator of the Organizational Leadership course at the Air Force Officer Improvement School (EAOAR), being responsible for the organization and conduct of the first phase of the Leadership Course Track in the 1st Air Force Officer Improvement Course. In April, she participated as a full member of the committee responsible for drafting the assessment items for the course, in addition to coordinating and conducting group academic discussions in the action learning format. Additionally, she served as the primary advisor on the examining committee for 17 Undergraduate Thesis (TCC) of EAOAR students.

April 16

A meeting was held regarding the Cooperation Agreement between the Brazilian Space Agency (AEB) and the Air Force University (UNIFA), under the coordination of Prof. Dr. Col. Flavio Neri Hadmann Jasper, responsible for monitoring the agreement on behalf of UNIFA.

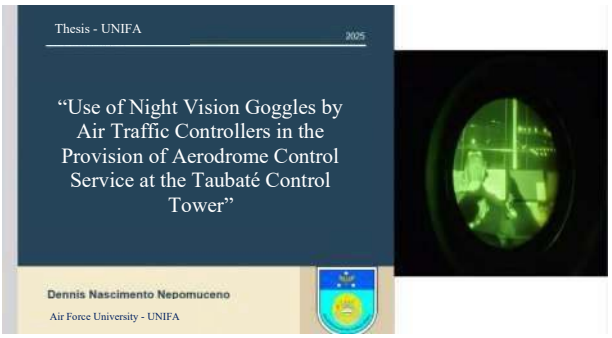
April 23

Maj. Evangelical Chaplain Edimilton de Carvalho Pontes, a PPGCA doctoral student, served as organizer of a series of lectures at the Air Force Specialists School (EEAR), addressing the following topics: "Moral and Sexual Harassment – Impacts on Organizational Climate" and "Study, Learning, and Teaching – The Triple Helix of the Military Educator." The lectures were delivered by Prof. Dr. William Douglas, Federal Judge of the TRF (Federal Regional Court)-2.



April 28

The Master's Thesis Defense Examination of 1st Lt Dennis Nascimento Nepomuceno was held, entitled "Use of Night Vision Goggles by Air Traffic Controllers in the Provision of Aerodrome Control Service at the Taubaté Control Tower", under the supervision of Prof. Dr. Col Carlos Eduardo Valle Rosa.



April 30

The PPGCA doctoral graduate, Maj Av Rodrigo Albuquerque Pereira, received from the Consul General of Brazil in London, Ambassador João Alfredo dos Anjos Júnior, a certificate of appreciation for his voluntary participation in the "Solte a Língua" project. Within the scope of the initiative, the officer taught online English classes to the Brazilian community residing in London. The project is carried out by the company Mosaico, with the support of the King's Brazil Institute (King's College London) and the Consulate General of Brazil in London.

https://www.kcl.ac.uk/celebrating-community-and-volunteerism-at-the-brazilian-consulate-in-london



April 30

Maj. Evangelical Chaplain Edimilton de Carvalho Pontes, a PPGCA doctoral student, delivered a lecture to the personnel of the Air Force Specialists School (EEAR) on the topic "Integrity – character to meet the demands of reality," in alignment with the Air Force Command's Training and Strengthening of Values Program (PFFV).



Below, we list some of the PPGCA's noteworthy activities that took place during the month of May 2025.

May 9

Maj Av Gabriel Brandello de O. H. Moura, a PPGCA doctoral student, organized and delivered a lecture at the 1st Military Telecommunications Seminar, held by the 1st/1st Communications and Control Group (GCC). The event, held in commemoration of the National Communications Day, aimed to promote academic discussion on the current use of military telecommunications and future perspectives, with an emphasis on new technologies.



May 12

The PPGCA doctoral student, Bruno Martini, was invited by the Jack D. Gordon Institute for Public Policy at Florida International University (FIU) to participate as a panelist in the Space Panel of the 10th Hemispheric Security Conference (HSC) in Miami, USA. The panel featured the discussants "Didi" Kirsten Tatlow from Newsweek and Laura Delgado Lopez from the William J. Perry Center for Hemispheric Defense Studies, moderated by Guido Torres from the Irregular Warfare Initiative.

https://gordoninstitute.fiu.edu/news-events/hsc/



May 19 to 23

The PPGCA doctoral student, Bruno Martini, participated in the Extension Course in Governance and Defense (CGED) at the Superior War College (ESG) in partnership with the William J. Perry Center. In the photo, from left to right, Bruno, Brig. Karpischin (Deputy Commander of ESG), Prof. Lívia Souza and Lt Col Priscila, both from UNIFA.



May 30

The PPGCA master's graduate, Capt Esp CTA Milton Alexandre de Oliveira, and Prof. Dr. Col Carlos Eduardo Valle Rosa published the article "Efficiency of Air Navigation Service Providers (ANSP) through Data Envelopment Analysis (DEA): Systematic Literature Review" in RBAC e CIA Journal v.5 n.2 (2025).

https://rbac.cia.emnuvens.com.br/revista/article/view/308

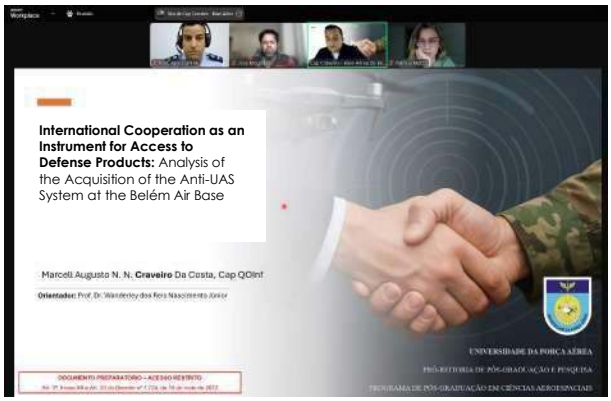


JUNE/2025

Below, we list some of the PPGCA's noteworthy activities that took place during the month of June 2025.

June 23

The Master's Qualification Examination of student Capt. Marcell Augusto N. Craveiro da Costa was held, with the work entitled "International Cooperation as an Instrument for Access to Defense Products: Analysis of the Acquisition of the Anti-UAS System at the Belém Air Base." The examining committee was composed of the supervisor, Prof. Dr. Lt. Wanderley dos Reis Nascimento Júnior; Prof. Dr. Patrícia Matos, as internal member; and Prof. Dr. José Messias Magalhães Júnior, as external member.



June 24 to 26

The 1st Seminar on Security, Development, and Defense in the Space Environment was held, a joint initiative of the Superior Defense School (ESD), the Brazilian Space Agency (AEB), the Air Force University (UNIFA), and the William J. Perry Center for Hemispheric Defense Studies (WJPC). The event included the participation of PPGCA students and Professors Patrícia Matos, Peterson Ferreira da Silva, Gills Lopes, Col. Jasper, and Capt. Mesquita.



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_____ **Date: November 21, 2025.**

Destaques do PPGCA

Saiba mais sobre o nosso Programa: www.fab.mil.br/unifa/ppgca.

O Programa de Pós-Graduação em Ciências Aeroespaciais (**PPGCA**) da Universidade da Força Aérea (**UNIFA**) oferta Cursos de Mestrado e Doutorado Profissionais em Ciências Aeroespaciais.

Somos Nota 5 pela CAPES/MEC

O PPGCA atingiu a **Nota 5** na Área 39 (Ciência Política & Relações Internacionais) da Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (**CAPES**), o que atesta sua qualidade como de referência a nível nacional.



Abaixo, elencamos algumas atividades de destaque do PPGCA ocorridas durante o mês de abril de 2025.

2 de abril

O Prof. Dr. Luciano Vaz apresentou sua pesquisa de estágio pós-doutoral sobre cibersegurança na *Jagiellonian University*, em Cracóvia, Polônia.



2 de abril

A mestranda do PPGCA, Maj Int Mellina dos Santos Ferreira Barbosa, ministrou instrução no âmbito do Programa de Formação e Fortalecimento de Valores (PFFV), abordando o tema "Equilíbrio Emocional", para 118 estagiários. Os Estágios de Adaptação Técnico (EAT) e de Adaptação e Serviço (EAS) dos novos Aspirantes a Oficial da Força Aérea Brasileira, integrantes da Turma Atlas, foram concluídos em 25 de abril de 2025, durante Cerimônia Militar alusiva ao Compromisso à Bandeira Nacional.



3 de abril

A Profa. Dra. Patrícia Matos proferiu palestra intitulada "*New Space* e a Indústria Espacial Brasileira: Desafios e Oportunidades" durante o 1º Seminário do Exército Brasileiro na LAAD: Ciência, Tecnologia e Inovação em Defesa e a Base Industrial de Defesa. O evento foi realizado no contexto da *LAAD Defence & Security* 2025.



3 de abril

O mestrando do PPGCA, Carlos Eduardo Lisbôa Cavalcanti Gago, bolsista do programa Pró-Defesa V/CAPES, apresentou sua pesquisa em andamento, intitulada "A Política Industrial Brasileira nos Primórdios da Indústria Aeronáutica: Um Estudo sobre a Fábrica Brasileira de Aviões (1936–1941)", durante o 1º Seminário do Exército Brasileiro na LAAD: Ciência, Tecnologia e Inovação em Defesa e a Base Industrial de Defesa.



4 de abril

No âmbito da disciplina Fundamentos de Ciência Política, coordenada pelos professores Gills Lopes e Ten Reis, os alunos da turma de mestrado e doutorado de 2025 do PPGCA participaram do Simpósio Internacional de Logística Militar na LAAD. O evento contou com a presença do Comandante e Reitor da UNIFA, Major-Brigadeiro do Ar Max Cintra Moreira, e do Pró-Reitor de Pós-Graduação e Pesquisa, Prof. Dr. Eduardo Sol.



7 de abril

O doutorando Cap QOMED Moisés Bonifácio das Neves, sob orientação do Prof. Dr. Newton Hirata, ministrou instrução e coordenou visita técnica da Escola de Instrução Especializada do Exército (EsIE) ao Hospital de Força Aérea do Galeão (HFAG). A atividade teve como objetivo fomentar interações entre a EsIE e o HFAG na área de defesa QBRN (Química, Biológica, Radiológica e Nuclear), tema central de sua tese de doutorado.

https://www2.fab.mil.br/hfag/index.php/slideshow/566-hfag-recebe-alunos-esie-2025#:~:text=do%20menu%20principal-,HFAG%20Recebe%20Alunos%20da%20Escola%20de%20Instru%C3%A7%C3%A3o%20Especializada%20do%20Ex%C3%A9rcito,Instru%C3%A7%C3%A3o%20Especializada%20do%20Ex%C3%A9rcito%20%2D%20EsIE





8 de abril

A mestranda do PPGCA, Maj Int Mellina dos Santos Ferreira Barbosa, atuou como coordenadora da disciplina de Liderança Organizacional na Escola de Aperfeiçoamento de Oficiais da Aeronáutica (EAOAR), sendo responsável pela organização e condução da 1ª fase da Pista de Liderança no 1º Curso de Aperfeiçoamento de Oficiais da Aeronáutica. No mês de abril, participou como membro titular da banca encarregada da elaboração dos itens de avaliação da disciplina, além de coordenar e conduzir discussões acadêmicas em grupo, no formato de *action learning*. Adicionalmente, atuou como orientadora titular da banca de 17 Trabalhos de Conclusão de Curso (TCC) dos alunos da EAOAR.

16 de abril

Foi realizada uma reunião referente ao Acordo de Cooperação entre a Agência Espacial Brasileira (AEB) e a Universidade da Força Aérea (UNIFA), sob a coordenação do Prof. Dr. Cel Flavio Neri Hadmann Jasper, responsável pelo acompanhamento do acordo pela UNIFA.

23 de abril

O Maj Capelão Evangélico Edimilton de Carvalho Pontes, doutorando do PPGCA, atuou como organizador de uma série de palestras na Escola de Especialistas de Aeronáutica (EEAR), abordando os seguintes temas: "Assédio Moral e Sexual – Impactos para o Clima Organizacional" e "Estudo, Aprendizado e Ensino – A Tríplice Hélice do Educador Militar". As palestras foram ministradas pelo Prof. Dr. William Douglas, Desembargador Federal do TRF-2.



28 de abril

Foi realizado o Exame de Defesa de Dissertação de Mestrado do 1T Dennis Nascimento Nepomuceno, intitulada "Uso do Óculos de Visão Noturna por Controladores de Tráfego Aéreo na Prestação do Serviço de Controle de Aeródromo na Torre de Controle de Taubaté", sob orientação do Prof. Dr. Cel Carlos Eduardo Valle Rosa.



30 de abril

O doutor pelo PPGCA, Maj Av Rodrigo Albuquerque Pereira, recebeu, das mãos do Cônsul-Geral do Brasil em Londres, Embaixador João Alfredo dos Anjos Júnior, um certificado de agradecimento por sua participação voluntária no projeto "Solte a Língua". No âmbito da iniciativa, o oficial ministrou aulas de inglês, *online*, para a comunidade brasileira residente em Londres. O projeto é uma realização da empresa Mosaico, com o apoio do *King's Brazil Institute* (*King's College London*) e do Consulado-Geral do Brasil em Londres.

https://www.kcl.ac.uk/celebrating-community-and-volunteerism-at-the-brazilian-consulate-in-london



30 de abril

O Maj Capelão Evangélico Edimilton de Carvalho Pontes, doutorando do PPGCA, ministrou palestra para o efetivo da Escola de Especialistas de Aeronáutica (EEAR) sobre o tema "Integridade – caráter para atender às demandas da realidade", em alinhamento com o Programa de Formação e Fortalecimento de Valores (PFFV) do Comando da Aeronáutica.



Abaixo, elencamos algumas atividades de destaque do PPGCA ocorridas durante o mês de maio de 2025.

9 de maio

O Maj Av Gabriel Brandello de O. H. Moura, doutorando do PPGCA, organizou e ministrou palestra no 1º Seminário de Telecomunicações Militares, realizado pelo 1º/1º Grupo de Comunicações e Controle (GCC). O evento, realizado em comemoração ao Dia Nacional das Comunicações, teve como objetivo promover a discussão acadêmica sobre o emprego atual das telecomunicações militares e as perspectivas futuras, com ênfase em novas tecnologias.



12 de maio

O doutorando do PPGCA, Bruno Martini, foi convidado pelo Jack D. Gordon *Institute for Public Policy da Florida International University* (FIU) a debater no Painel Espacial da 10*th Hemispheric Security Conference* (HSC) em Miami, EUA. O painel contou com as debatedoras "Didi" Kirsten Tatlow da Newsweek e Laura Delgado Lopez do *William J. Perry Center for Hemispheric Defense Studies*, intermediado por Guido Torres da *Irregular Warfare Initiative*.

https://gordoninstitute.fiu.edu/news-events/hsc/



19 a 23 de maio

O doutorando do PPGCA, Bruno Martini, participou do Curso de Extensão em Governança e Defesa (CGED) na Escola Superior de Guerra (ESG) em parceria com o *William J. Perry Center*. Na foto, da esquerda para a direita, Bruno, Brig. Karpischin (Subcomandante da ESG), Profa. Lívia Souza e Ten Cel Priscila, ambas da UNIFA.



30 de maio

O mestre pelo PPGCA, Cap Esp CTA Milton Alexandre de Oliveira, e o Prof. Dr. Cel Carlos Eduardo Valle Rosa, publicaram o artigo "Eficiência dos Provedores de Serviço de Navegação Aérea (PSNA) por meio da Análise Envoltória De Dados (DEA): Revisão Sistemática Da Literatura" na Revista RBAC e CIA v.5 n.2 (2025).

https://rbac.cia.emnuvens.com.br/revista/article/view/308



JUNHO/2025

Abaixo, elencamos algumas atividades de destaque do PPGCA ocorridas durante o mês de junho de 2025.

23 de junho

Foi realizada a Qualificação de Mestrado do discente Cap Marcell Augusto N. Craveiro da Costa, com o trabalho intitulado "A Cooperação Internacional como Instrumento de Acesso a Produtos de Defesa: Análise da Obtenção do Sistema Anti-SARP na Base Aérea de Belém". A banca examinadora foi composta pelo orientador, Prof. Dr. Ten Wanderley dos Reis Nascimento Júnior; pela Profa. Dra. Patrícia Matos, como membro interno; e pelo Prof. Dr. José Messias Magalhães Júnior, como membro externo.



24 a 26 de junho

Foi realizado o 1º Seminário de Segurança, Desenvolvimento e Defesa no Ambiente Espacial, uma iniciativa conjunta da Escola Superior de Defesa (ESD), da Agência Espacial Brasileira (AEB), da Universidade da Força Aérea (UNIFA) e do Centro William J. Perry de Estudos de Defesa Hemisférica (WJPC). O evento contou com a participação de alunos do PPGCA e dos professores Patrícia Matos, Peterson Ferreira da Silva, Gills Lopes, Cel Jasper e Cap Mesquita.



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I hereby declare, for all due purposes, that Prof. Dr. Adriano Percival Calderaro Calvo is a member of the Editorial Board of Motriz: Journal of Physical Education, serving as Associate Editor since September 9, 2023, by invitation of this Editor-in-Chief.

His appointment to the Editorial Board is based on his recognized expertise in the areas of biomechanics and training and exercise metabolism, subjects of scientific relevance and aligned with the editorial scope of the journal.

This being all that is required of me at this moment, I remain respectfully yours..

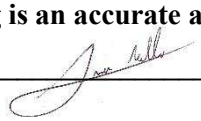
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Date: August 18, 2025.

A QUEM POSSA INTERESSAR

Declaro, para os devidos fins, que o Prof. Dr. Adriano Percival Calderaro Calvo integra o Conselho Editorial da Motriz: Revista de Educação Física, atuando como Editor Associado desde 9 de setembro de 2023, a convite desta Editora-Chefe.

Sua nomeação para compor o Conselho Editorial fundamenta-se em sua reconhecida expertise nas áreas de biomecânica e metabolismo do treinamento e exercício físico, temáticas de relevância científica e alinhadas ao escopo editorial da revista.

Sendo o que me cabe para o momento, subscrevo-me atenciosamente.

Rio Claro-SP, 16 de junho de 2025

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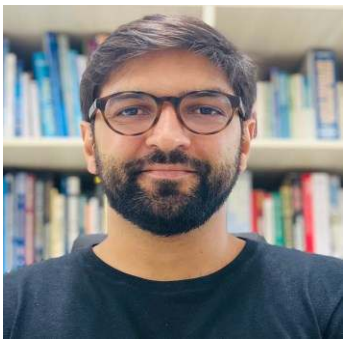
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Raphael Michels Fantinato de Moura. **Date: April 10, 2025.**

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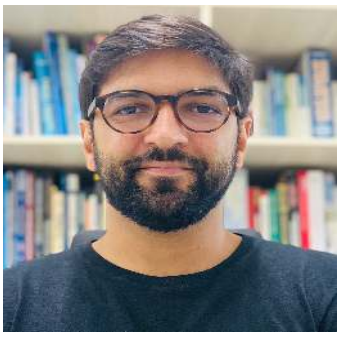
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Motriz is a scientific journal published since 1995. It is made available online by the Department of Physical Education of the Biosciences Institute of the University Estadual Paulista, located in Rio Claro, São Paulo, Brazil. Since 2016, Motriz has published articles exclusively in electronic format, accepting manuscripts written only in English. Motriz aims to disseminate knowledge in the area of Physical Education, accepting submissions of manuscripts from researchers and professionals involved in basic and applied research. We encourage contributions in various domains of Physical Education, including: Exercise Science, Biomechanics and Sport Performance, Physical Activity and Health Promotion, Sport and Physical Activity Psychology, Sport Pedagogy and Training, Adapted Physical Activity, Sociological

and Cultural Aspects of Sports , and Adventure and Leisure Sports. We follow an Open Access policy, providing free and unrestricted access to its contents. Authors are required to submit manuscripts online and upon successful registration on the journal website, it becomes the author's responsibility to keep documents and personal information up to date. The abbreviated title of Motriz: Revista de Educação Física is Motriz, which can be used in citations, footnotes and in the list of references. ISSN: 1980-6574.

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Unesp is elected the 6th best university in Latin America; see the courses offerec at its 24 campuses.

The institution shares the position with the University of Chile. The São Paulo-based university has campuses in 24 cities, including Araraquara, Rio Clar and São João da Boa Vista.

By Douglas Braz, g1 São Carlos and Araraquara
07/10/2025 07:35 Updateda month ago



Aerial view of Unesp in Botucatu — Photo: Unesp/Press Release

🏛️ **São Paulo State University (Unesp)** was ranked the **sixth best in Latin America** in the " ***QS World University Rankings: Latin America & The Caribbean*** " .

This is the **best result obtained by the institution** since the ranking began to be published by the British consultancy in 2011.

📱 **Follow g1 São Carlos and Araraquara on Instagram**

> 💻 ***g1 São Carlos is running the " Vestibulou "*** *project , which aims to provide quality information and tips for students who will be taking the main exams in the country.*

In the EPTV region , *an affiliate of TV Globo* , Unesp has campuses in **Araraquara (SP)** , **Rio Claro (SP)** , and **São João da Boa Vista (SP)** .

In the survey published on Wednesday (1st), the São Paulo university appears sharing **sixth place** with the Universidad de Chile, which also totaled 92.5 points.

The top spot is held by the **Pontifical Catholic University of Chile (UC)** , **which ousted the University of São Paulo (USP)** .

UNESP 2026: See what you need to know to ace the exam.

STUDIES : Fuvest opens registration for in-person mock exam for the 2026 entrance exam; find out how to participate.

VESTIBULOU : g1 São Carlos launches special coverage for the 2026 university entrance exams.



Unesp Araraquara Library — Photo: Unesp/Press Release

In the latest edition of the survey, **Unesp came in eighth place** . In the most recent edition, the research evaluated **492 institutions** from **26 countries** in **Latin America** and **the Caribbean** , including 130 Brazilian universities.

The top spot in the ranking went to the **Pontifical Catholic University** of Chile, followed by USP in second place, and Unicamp in third.

Brazilian institutions lead the ranking, **with 26 universities among the top 100.** Chile is second, with 16 institutions, followed by **Mexico** , with 14.

The ranking is published annually by *Quacquarelli Symonds (QS)* , a British consultancy specializing in higher education.

Among the **criteria evaluated** are **articles per faculty member, number of faculty members with doctorates, student-to-faculty ratio, international research networks, academic reputation, and web impact.**

Here are the top 10 universities (two ranked 6th):

Pontifical Catholic University of Chile (UC) - Chile

University of São Paulo (USP) - Brazil

State University of Campinas (Unicamp) - Brazil

Tecnológico de Monterrey - Mexico

Federal University of Rio de Janeiro (UFRJ) - Brazil

Unesp - Brazil and University of Chile - Chile (tie)

University of the Andes - Colombia

National Autonomous University of Mexico (UNAM) - Mexico

University of Buenos Aires (UBA) - Argentina

✍️The university



Pharmaceutical sciences course at Unesp Araraquara — Photo: Unesp/Press Release

Present in 24 cities in the state, Unesp develops **teaching** , **research** and **university extension** activities in all major areas of knowledge.

Here are some facts about the university:

Sixty-seven professional programs are offered at the undergraduate level , and a total of 136 courses are offered in both bachelor's and teaching degree formats. *(see below by campus)*

The university has **3,182 professors and 51,820** undergraduate and graduate students, according to data from the Unesp Statistical Yearbook 2023 (base year 2022). The majority (55%) came from public schools.

For 2026 **, 7,690 undergraduate places are offered** , with 5,867 through the Vunesp entrance exam, 934 through the Provão Paulista exam, 729 through the Unesp-Enem process, and 160 places through the mid-year entrance exam.

📝 Selection process



Faculty of Dentistry at Unesp Araçatuba — Photo: Unesp/Press Release

Applications for the Unesp entrance exam **close on October 8th** and must be submitted **exclusively through the Vunesp website.**

The fee is **R$ 210** , and a **75% discount** is guaranteed to the nearly 400,000 students enrolled in the third year of the São Paulo state school system.

The first phase covers **general knowledge** and takes place on November 2nd. The second phase, covering **specific knowledge** , takes place on December 7th and 8th.

g1 has prepared **a** guide with everything you need to know to ace the test **(click to learn more).**

Units and Courses at Unesp:

Araçatuba

Faculty of Dentistry (Dentistry)

Faculty of Veterinary Medicine (Veterinary Medicine)

Araraquara



Faculty of Pharmaceutical Sciences at Unesp Araraquara — Photo: Unesp/Press Release

Faculty of Pharmaceutical Sciences (Bioprocess Engineering and Biotechnology and Pharmacy)

Faculty of Sciences and Letters (Public Administration, Economics, Social Sciences, Literature and Pedagogy)

Faculty of Dentistry (Dentistry)

Institute of Chemistry (Chemical Engineering and Chemistry)

Assis

Faculty of Sciences and Letters (Biological Sciences, Bioprocess Engineering and Biotechnology, History, Literature and Psychology)

Bauru

Faculty of Architecture, Arts, Communication and Design (Architecture and Urban Planning, Visual Arts, Journalism, Social Communication: Radio, Television and Internet, Public Relations and Design)

Faculty of Sciences (Biological Sciences, Computer Science, Physical Education, Physics, Mathematics, Meteorology, Pedagogy, Psychology, Chemistry and Information Systems)

Faculty of Engineering (Civil Engineering, Production Engineering, Electrical Engineering and Mechanical Engineering)

Botucatu

Faculty of Agronomic Sciences (Agronomic Engineering, Bioprocess Engineering and Biotechnology, and Forestry Engineering)

Faculty of Medicine (Nursing and Medicine)

Faculty of Veterinary Medicine and Animal Science (Veterinary Medicine and Animal Science)

Institute of Biosciences (Biological Sciences, Biomedical Sciences, Medical Physics and Nutrition)

Dracena

Faculty of Agricultural and Technological Sciences (Agronomic Engineering and Animal Science)

France

Faculty of Humanities and Social Sciences (Law, History, International Relations and Social Work)

Guaratinguetá

Faculty of Engineering and Sciences (Civil Engineering, Materials Engineering, Production Engineering, Electrical Engineering, Mechanical Engineering, Physics and Mathematics)

Solteira Island

Faculty of Engineering (Biological Sciences, Agronomic Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering, Physics, Mathematics and Animal Science)

Itapeva

Institute of Sciences and Engineering (Production Engineering and Industrial Engineering – Wood)

Jaboticabal

Faculty of Agricultural and Veterinary Sciences (Administration, Biological Sciences, Agronomic Engineering, Veterinary Medicine and Animal Science)

Marília

Faculty of Philosophy and Sciences (Archival Studies, Library Science, Social Sciences, Philosophy, Physiotherapy, Speech Therapy, Pedagogy, International Relations and Occupational Therapy)

Ourinhos

Faculty of Sciences, Technology and Education (Geography)

Presidente Prudente

Faculty of Sciences and Technology (Architecture and Urban Planning, Computer Science, Physical Education, Environmental Engineering, Cartographic and Surveying Engineering, Statistics, Physics, Physiotherapy, Geography, Mathematics, Pedagogy an Chemistry)

Record

Faculty of Agricultural Sciences of the Ribeira Valley (Agronomic Engineering and Fisheries Engineering)

Rio Claro

Institute of Biosciences (Biological Sciences, Ecology, Physical Education and Pedagogy)

Institute of Geosciences and Exact Sciences (Computer Science, Environmental Engineering, Physics, Geography, Geology and Mathematics)

Rosana

Faculty of Engineering and Sciences (Energy and Tourism Engineering)

Saint John of Boa Vista

Faculty of Engineering (Aeronautical Engineering and Electronic and Telecommunications Engineering)

Saint Joseph of Rio Preto

Institute of Biosciences, Letters and Exact Sciences (Biological Sciences, Computer Science, Food Engineering, Physics, Letters, Letters – Translation, Mathematics, Pedagogy and Chemistry)

São José dos Campos

Institute of Science and Technology (Environmental Engineering and Dentistry)

São Paulo

Institute of Arts (Theatre and Performing Arts, Visual Arts and Music)

Saint Vincent

Institute of Biosciences (Biological Sciences)

Sorocaba

Institute of Science and Technology (Environmental Engineering and Control and Automation Engineering)

Tupã

Faculty of Sciences and Engineering (Administration and Biosystems Engineering)

SEE ALSO: Understand if the dreaded 'Bhaskara's formula' is only taught in Brazil

Top ten in QS World University Rankings: Latin America & The Caribbean 2024

This year's top 10 performers in the QS World University Rankings: Latin America & The Caribbean 2024 are:

1) Universidade de São Paulo, Brazil

2) Pontificia Universidad Católica de Chile (UC)

3) Universidade Estadual de Campinas (Unicamp), Brazil

4) Tecnológico de Monterrey, Mexico

5) Universidad de Chile

6) Universidad de los Andes, Colombia

7) Universidad Nacional Autónoma de México (UNAM)

8) Universidade Federal do Rio de Janeiro, Brazil

9) Universidad de Buenos Aires (UBA), Argentina

10) UNESP, Brazil

While universities in Chile and Mexico appear twice (each), institutions in Brazil dominate the top 10 rankings with four entries – including Universidade de São Paulo (in first place), scoring a perfect 100 in 'Academic reputation', 'Web impact', 'International research network', 'Staff with PhD' and 'Papers per faculty'.

More universities in the top 10 are also achieving outstanding scores in some of these indicators – such as Universidade Estadual de Campinas (Unicamp) and UNESP in 'Papers per faculty' and 'Staff with PhD'. This indicates that these institutions have invested heavily in research, with high academic output and exceptionally qualified staff. In return, they have produced highly cited research that is widely published.

Universidade Federal de Minas Gerais, Universidad Nacional Autónoma de México (UNAM) were among those to score high in their web impact, while Universidad de Chile and Universidad de Buenos Aires (UBA) scored high in the 'Academic reputation' indicator – awarded to those offering excellent academic programmes and a strong reputation for innovative research.

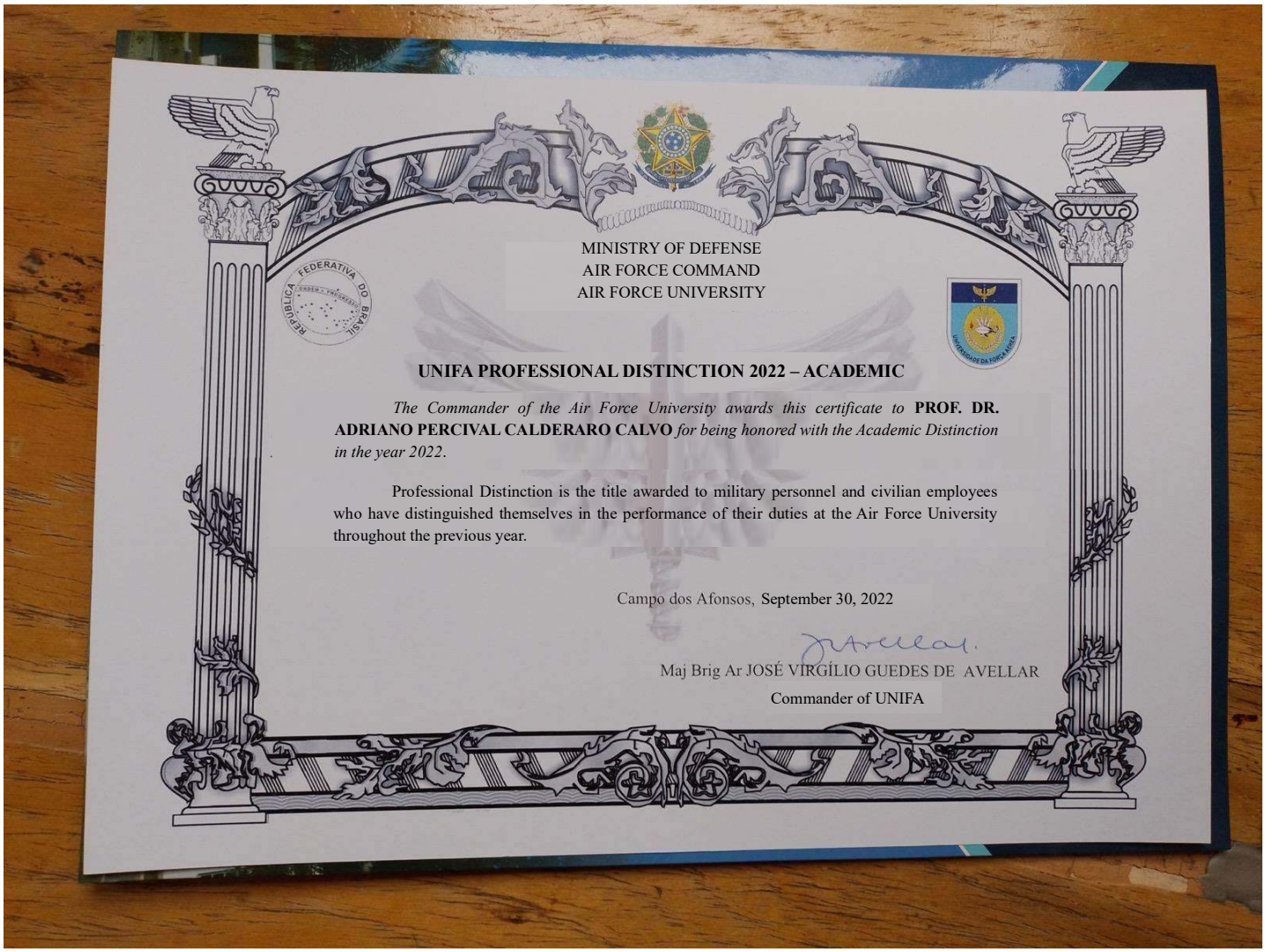
Notably, we recognised institutions outside the top 10 rankings who have also achieved perfect scores of 100 including Universidad Nacional de Colombia (ranked 12th) in their employer

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Exhibit G: Totality of Evidence - Final Merit Determination



MINISTRY OF DEFENSE
AIR FORCE COMMAND
AIR FORCE UNIVERSITY

UNIFA PROFESSIONAL DISTINCTION 2022 – ACADEMIC

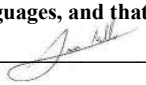
The Commander of the Air Force University awards this certificate to **PROF. DR. ADRIANO PERCIVAL CALDERARO CALVO** *for being honored with the Academic Distinction in the year 2022.*

Professional Distinction is the title awarded to military personnel and civilian employees who have distinguished themselves in the performance of their duties at the Air Force University throughout the previous year.

Campo dos Afonsos, September 30, 2022

Maj Brig Ar JOSÉ VIRGÍLIO GUEDES DE AVELLAR
Commander of UNIFA

I, André Vinícius Inacio Penna Mello, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.



Date: August 18, 2025.



MINISTÉRIO DA DEFESA
COMANDO DA AERONAUTICA
UNIVERSIDADE DA FORÇA AÉREA

DESTAQUE PROFISSIONAL UNIFA 2022 - ACADÊMICO

O Comandante da Universidade da Força Aérea confere o presente certificado ao **PROF. DR. ADRIANO PERCIVAL CALDERARO CALVO** *por ter sido agraciado com a menção Destaque Acadêmico no ano de 2022.*

Destaque Profissional é o título dado aos militares e servidores civis que se distinguiram no desempenho de suas atividades funcionais na Universidade da Força Aérea, ao longo do ano anterior.

Campo dos Afonsos, 30 de setembro de 2022

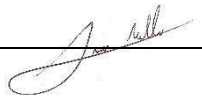
Maj Brig Ar JOSÉ VIRGÍLIO GUEDES DE AVELLAR
Comandante da UNIFA



ACADEMIC DISTINCTION
Prof. Dr. Adriano Percival Calderaro Calvo
Distinction – 2021

THE ACADEMIC DISTINCTION IS AN ACKNOWLEDGMENT AIMED AT RECOGNIZING THE FACULTY MEMBER FOR THEIR DEDICATION TO TEACHING AND RESEARCH, CONTRIBUTING TO THE ADVANCEMENT OF KNOWLEDGE, AS REFLECTED IN ACADEMIC, TECHNICAL, AND EXTENSION ACTIVITIES AT THE AIR FORCE UNIVERSITY.

I, André Vinícius Inacio Penna Mello, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.



Date: August 18, 2025.


DESTAQUE ACADÊMICO
Prof. Dr. Adriano Percival Calderaro Calvo
Destaque - 2021
O DESTAQUE ACADÊMICO É A MENÇÃO QUE VISA RECONHECER O DOCENTE POR SUA DEDICAÇÃO AO ENSINO E À PESQUISA, CONTRIBUINDO PARA O AVANÇO DO CONHECIMENTO, EXPRESSOS NA PRODUÇÃO ACADÊMICA, TÉCNICA E DE EXTENSÃO NA UNIVERSIDADE DA FORÇA AÉREA.


DESTAQUE ACADÊMICO
Brig AVELLAR

Nº. Pág. 34
Ass. 62
PROAD

EDITAL DE HOMOLOGAÇÃO Nº 5, DE 13 DE DEZEMBRO DE 2012
RESULTADO DO CONCURSO PÚBLICO DE PROVAS E TÍTULOS PARA PROVIMENTO DE CARGOS DA CARREIRA DO MAGISTÉRIO SUPERIOR DA UNIVERSIDADE FEDERAL DE MATO GROSSO

A Reitora da Universidade Federal de Mato Grosso, por meio da Pró-Reitoria Administrativa e da Secretaria de Gestão de Pessoas, no uso de suas atribuições legais, de acordo com o Edital n.º 005/PROAD/SGP/2012, publicado no D.O.U. nº 189 de 28/09/2012, seção 3, páginas 54 a 57 e complementares, RESOLVE, nos termos do item 14 do Edital n.º 005/PRDAD/SGP/2012, HOMOLOGAR o resultado do concurso público destinada ao provimento de vagas nos cargos integrantes da carreira do Magistério Superior (classes de Professor Adjunto, Professor Assistente e Professor Auxiliar) da Universidade Federal de Mato Grossa, oriundas das demandas do Programa de Apoio a Planos de Reestruturação e Expansão das Universidades Federais - REUNI, declarando APROVADO o candidato classificado no limite de vagas, bem coma apresentando os demais classificados, casa existam, obedecida a ordem de classificação:

CAMPUS DE CUIABÁ

FACULDADE DE ADMINISTRAÇÃD E CIÊNCIAS CONTÁBEIS

Unidade/Curso: Departamento de Administração
Área de conhecimento: Administração
Subárea de conhecimento: Operações e Logística
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Vergilio Prado Sagabe	Aprovado
2	Edson Rodrigues de Aro	Classificado
3	Adauto Farias Bueno	Classificado
4	José Jaconias da Silva	Classificado
5	Cinthia Serenotti Briganic	Classificado

FACULDADE DE EDUCAÇÃO FÍSICA

Unidade/Curso: Faculdade de Educação Física
Área de conhecimento: Aprofundamento em Treinamento Esportivo Coletivo e Individual
Subárea de conhecimento: Biomecânica e Cinesialagia
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Adriano Percival Calderaro Calvo	Aprovado
2	Jaicilie Carolina Ferreira	Classificado
3	Otávia Rodrigo Palacio Favaro	Classificada

FACULDADE DE AGRONOMIA, MEDICINA VETERINÁRIA E ZODTECNIA

Unidade/Curso: Zootecnia
Área de conhecimentu: Zaatecnia
Subárea de conhecimento: Nutrição e Produção de Ruminantes
Classe: Assistente - Regime de Trabalha: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Nelcino Francisco de Paula	Aprovado
2	Maria Fernanda Soares Queiroz Cerem	Classificado

Unidade/Cursa: Zootecnia
Área de conhecimento: Zaotecnia
Subárea de conhecimento: Bases de Nutrição Animal e Nutrição de Não Ruminantes
Classe: Assistente - Regime de Trabalho: Dedicoção Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Heder José Davila Lima	Aprovado
2	Adriana Augusto Aquino	Classificado
3	Patrícia de Azevedo Castelo Branco do Vale	Classificado
4	Inês Gameiro Calvara Beloti	Classificado

Unidade/Curso: Zootecnia
Área de canhecimenta: Zootecnia
Subárea de canhecimento: Genética e Methoramento Animal
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Felipe Gomes da Silva	Aprovado
2	Denise Rocha Ayres	Classificado
3	Denca de Araújo Fernandes Pires	Classificado
4	Diego Pagung Ambrosini	Classificado

Unidade/Curso: Zootecnia
Área de conhecimento: Zootecnia
Subárea de conhecimento: Forragicultura e Pastagens
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Thiago Gomes dos Santos Braz	Aprovado
2	Braulio Maia de Lana Sousa	Classificado
3	Fabio Jacobs Dias	Classificado
4	Leandro Coelho de Araújo	Classificado
5	Carlos Eduardo Avelino Cabral	Classificado

Unidade/Curso: Departamento de Clínica Médica Veterinária
Área de canhecimenta: Medicina Veterinária
Subárea de conhecimento: Clínico Veterinária; Clínica Médica de Pequenos Animais
Classe: Adjunto - Regime de Trabalha: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Ariceana do Bom Parto Ferreira de Almeida	Aprovado
2	Ana Silvia Dagnone	Classificado
3	Soraya Regina Sacco	Classificado

FACULDADE DE DIREITO

Unidade/Curso: Faculdade de Direito
Área de canhecimento: Direita
Subárea de conhecimento: Direito Civil; Direito Empresarial
Classe: Assistente - Regime de Trabalho: 40 horas - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Luiz Orione Neto	Aprovado
2	Divanir Marcelo de Pieri	Classificado
3	Alessandra Marconatto	Classificado
4	Welder Queiroz dos Santos	Classificado
5	Carlos Eduardo Silva e Souza	Classificada

FACULDADE DE ARQUITETURA, ENGENHARIA E TECNOLOGIA

Unidade/Curso: Departamento de Arquitetura e Urbanismo
Área de conhecimento: Arquitetura e Urbanismo
Subárea de conhecimento: Teoria e História da Arquitetura e Urbanismo e Representação Gráfica
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Luciana Pelaes Mascaro	Aprovado
2	Louise Logsdon	Classificado

Unidade/Cursa: Departamento de Arquitetura e Urbanismo
Área de conhecimento: Arquitetura e Urbanismo ou Engenharia Civil
Subárea de conhecimento: Tecnologia e Representação Gráfica
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Flávia Maria de Moura Santos	Aprovado
2	Erica Mitie Umakoshi	Classificado

Unidade/Curso: Departamento de Arquitetura e Urbanismo
Área de conhecimento: Arquitetura e Urbanismo
Subárea de conhecimento: Urbanismo, Planejamento Urbano e Representação Gráfica
Classe: Assistente - Regime de Trabalha: Dedicação Exclusiva - N.º de Vagas: 02

Nº	NOME	SITUAÇÃO
1	Andrea de Figueiredo Arruda Canavarros	Aprovada
2	Alessandra Cristina dos Santos	Aprovado
3	Osvaldo Alexandre Paris	Classificado

Unidade/Curso: Departamento de Arquitetura e Urbanismo
Área de canhecimento: Arquitetura e Urbanismo
Subárea de conhecimento: Projeto de Arquitetura e Representação Gráfica
Classe: Auxiliar - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 02

Nº	NOME	SITUAÇÃO
1	Alexandre Saul Palma	Aprovado
2	Tula Kirst Romani	Aprovado
3	Emerson Luis Cambraia Itaborahy	Classificado

FACULDADE DE MEDICINA

Unidade/Cursa: Departamento de Ginecalagia e Dbstetrícia
Área de conhecimenta: Medicina
Subárea de conhecimento: Saúde da Mulher
Classe: Auxiliar - Regime de Trabalho: 40 horas - N.º de Vagas: 02

Nº	NOME	SITUAÇÃO
1	Rejane Martins Ribeiro Itaborahy	Aprovada
2	Verônica Cristina Moraes Brandão	Aprovado
3	Alessandra Silva Barboza Alves	Classificado
4	Georges Bohter Kabouk	Classificado

Unidade/Curso: Departamento de Clínica Médica
Área de conhecimento: Medicina
Subárea de conhecimento: Saúde do Adulto e do Idosa
Classe: Auxiliar - Regime de Trabalho: 40 horas - N.º de Vagas: 02

Não houve candidato aprovada

INSTITUTO DE BIDCIÊNCIAS

Unidade/Curso: Departamento de Biologia e Zoologia
Área de conhecimento: Ciências Biológicas
Subárea de conhecimento: Morfalogia dos Grupos Recentes
Classe: Adjunto - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Luiz Henrique Garcia Pereira	Aprovado

Unidade/Curso: Departamento de Biologia e Zoologia
Área de conhecimento: Ciências Bialógicas
Subárea de conhecimento: Taxonomia dos Grupos Recentes - Invertebrados
Classe: Adjunta - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Amazonas Chagas	Aprovado
2	Eduardo Gomes de Vasconcelos	Classificada
3	Tiago Fernandes Carrijo	Classificado

INSTITUTO DE COMPUTAÇÃO

Unidade/Curso: Instituto de Computação
Área de conhecimento: Ciência da Computação
Subárea de canhecimento: Computação Gráfica
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Rogério Eduardo da Silva	Aprovado

Unidade/Curso: Instituta de Computação
Área de conhecimento: Ciência da Computação
Subárea de conhecimento: Desenvolvimento Web
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Gustava Post Sabin	Aprovado
2	Jivago Medeiros Ribeiro	Classificado

Unidade/Curso: Instituto de Computação
Área de conhecimento: Ciência da Computação
Subárea de conhecimento: Engenharia de Saftware
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Karen da Silva Figueiredo	Aprovado
2	Daniel Avila Vecchiato	Classificado
3	Nilton Hideki Takagi	Classificado

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P. No. 34
Sig. 62
PROAD

PUBLIC NOTICE OF APPROVAL No. 5, OF DECEMBER 13, 2012
RESULT OF THE PUBLIC COMPETITIVE EXAMINATION OF TESTS AND QUALIFICATIONS FOR THE FILLING OF POSITIONS IN THE CAREER OF HIGHER EDUCATION TEACHING OF THE FEDERAL UNIVERSITY OF MATO GROSSO

The President of the Federal University of Mato Grosso, through the Administrative Vice President's Office and the Personnel Management Secretariat, in the exercise of her legal attributions, following the Public Notice No. 005/PROAD/SGP/2012, published in the Federal Official Gazette (DOU) No. 189 of 09/28/2012, Section 3, pages 54 to 57 and supplementary, RESOLVES, pursuant to item 14 of the Public Notice 005/PROAD/SGP/2012, to APPROVE the result of the public competitive examination intended for the filling of vacancies in the positions comprising the career of Higher Education Teaching (classes of Associate Professor, Assistant Professor and Instructor) of the Federal University of Mato Grosso, arising from the demands of the Support Program for Restructuring and Expansion Plans of Federal Universities – REUNI, declaring APPROVED the candidate classified within the (illegible word in the original) limit of vacancies, as well as presenting the other classified candidates, if any, observing the order of classification:

CUIABÁ CAMPUS

SCHOOL OF PHYSICAL EDUCATION
Unit/Program: School of Physical Education
Area of knowledge: Advanced Studies in Collective and Individual Sports Training
Subarea of Knowledge: Biomechanics and Kinesiology
Class: Assistant – Work Regime: Exclusive Dedication – No. of Vacancies: 01

No.	NAME	STATUS
1	Adriano Percival Calderaro Calvo	Approved
2	Jacielle Carolina Ferreira	Classified
3	Otávio Rodrigo Palacio Favero	Classified

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that I have performed the professional translation of this document from Portuguese to English, as a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana **Date: February 12, 2026**

Nº. Pág. 34
Ass.
PROAD

EDITAL DE HOMOLOGAÇÃO Nº 5, DE 13 DE DEZEMBRO DE 2012
RESULTADO DO CONCURSO PÚBLICO DE PROVAS E TÍTULOS PARA PROVIMENTO DE CARGOS DA CARREIRA DO MAGISTÉRIO SUPERIOR DA UNIVERSIDADE FEDERAL DE MATO GROSSO

A Reitora da Universidade Federal de Mato Grosso, por meio da Pró-Reitoria Administrativa e da Secretaria de Gestão de Pessoas, no uso de suas atribuições legais, de acordo com o Edital n.º 005/PROAD/SGP/2012, publicado no D.O.U. n.º 189 de 28/09/2012, seção 3, páginas 54 a 57 e complementares, RESOLVE, nos termos do item 14 do Edital n.º 005/PRDAD/SGP/2012, HOMOLOGAR o resultado do concurso público destinada ao provimento de vagas nos cargos integrantes da carreira do Magistério Superior (classes de Professor Adjunto, Professor Assistente e Professor Auxiliar) da Universidade Federal de Mato Grosso, oriundas das demandas do Programa de Apoio a Planos de Reestruturação e Expansão das Universidades Federais - REUNI, declarando APROVADO o candidato classificado no limite de vagas, bem como apresentando os demais classificados, caso existam, obedecida a ordem de classificação:

CAMPUS DE CUIABÁ
FACULDADE DE ADMINISTRAÇÃO E CIÊNCIAS CONTÁBEIS
Unidade/Curso: Departamento de Administração
Área de conhecimento: Administração
Subárea de conhecimento: Operações e Logística
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Vergilio Prado Sagabe	Aprovado
2	Edson Rodrigues de Aro	Classificado
3	Adauto Farias Bueno	Classificado
4	José Jaconias da Silva	Classificado
5	Cinthia Serenotti Brigante	Classificado

FACULDADE DE EDUCAÇÃO FÍSICA
Unidade/Curso: Faculdade de Educação Física
Área de conhecimento: Aprofundamento em Treinamento Esportivo Coletivo e Individual
Subárea de conhecimento: Biomecânica e Cinesialagia
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Adriano Percival Calderaro Calvo	Aprovado
2	Jacielle Carolina Ferreira	Classificado
3	Otávia Rodrigo Palacio Favaro	Classificada

FACULDADE DE AGRONOMIA, MEDICINA VETERINÁRIA E ZOOTECNIA
Unidade/Curso: Zootecnia
Área de conhecimento: Zootecnia
Subárea de conhecimento: Nutrição e Produção de Ruminantes
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Nelcino Francisco de Paula	Aprovado
2	Maria Fernanda Soares Queiroz Cerâm	Classificado

Unidade/Cursa: Zootecnia
Área de conhecimento: Zootecnia
Subárea de conhecimento: Bases de Nutrição Animal e Nutrição de Não Ruminantes
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Heder José Davila Lima	Aprovado
2	Adriana Augusto Aquino	Classificado
3	Patrícia de Azevedo Castelo Branco do Vale	Classificado
4	Inês Gameiro Calvara Beloti	Classificado

Unidade/Curso: Zootecnia
Área de conhecimento: Zootecnia
Subárea de conhecimento: Genética e Melhoramento Animal
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Felipe Gomes da Silva	Aprovado
2	Denise Rocha Ayres	Classificado
3	Denca de Araújo Fernandes Pires	Classificado
4	Diego Pagung Ambrosini	Classificado

Unidade/Curso: Zootecnia
Área de conhecimento: Zootecnia
Subárea de conhecimento: Forragicultura e Pastagens
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Thiago Gomes dos Santos Braz	Aprovado
2	Braulio Maia de Lana Sousa	Classificado
3	Fabio Jacobs Dias	Classificado
4	Leandro Coelho de Araújo	Classificado
5	Carlos Eduardo Avelino Cabral	Classificado

Unidade/Curso: Departamento de Clínica Médica Veterinária
Área de conhecimento: Medicina Veterinária
Subárea de conhecimento: Clínico Veterinária; Clínica Médica de Pequenos Animais
Classe: Adjunto - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Arieana do Bom Parto Ferreira de Almeida	Aprovado
2	Ana Silvia Dagnone	Classificado
3	Soraya Regina Secco	Classificado

FACULDADE DE DIREITO
Unidade/Curso: Faculdade de Direito
Área de conhecimento: Direito
Subárea de conhecimento: Direito Civil; Direito Empresarial
Classe: Assistente - Regime de Trabalho: 40 horas - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Luiz Orione Neto	Aprovado
2	Divanir Marcelo de Pieri	Classificado
3	Alessandra Marconatto	Classificado
4	Welder Queiroz dos Santos	Classificado
5	Carlos Eduardo Silva e Souza	Classificada

FACULDADE DE ARQUITETURA, ENGENHARIA E TECNOLOGIA
Unidade/Curso: Departamento de Arquitetura e Urbanismo
Área de conhecimento: Arquitetura e Urbanismo
Subárea de conhecimento: Teoria e História da Arquitetura e Urbanismo e Representação Gráfica
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Luciana Pelacs Mascaro	Aprovado
2	Louise Logsdon	Classificado

Unidade/Cursa: Departamento de Arquitetura e Urbanismo
Área de conhecimento: Arquitetura e Urbanismo ou Engenharia Civil
Subárea de conhecimento: Tecnologia e Representação Gráfica
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Flávia Maria de Moura Santos	Aprovado
2	Erica Mitie Umakoshi	Classificado

Unidade/Curso: Departamento de Arquitetura e Urbanismo
Área de conhecimento: Arquitetura e Urbanismo
Subárea de conhecimento: Urbanismo, Planejamento Urbano e Representação Gráfica
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 02

Nº	NOME	SITUAÇÃO
1	Andrea de Figueiredo Arruda Canavarras	Aprovada
2	Alessandra Cristina dos Santos	Aprovado
3	Osvaldo Alexandre Paris	Classificado

Unidade/Curso: Departamento de Arquitetura e Urbanismo
Área de conhecimento: Arquitetura e Urbanismo
Subárea de conhecimento: Projeto de Arquitetura e Representação Gráfica
Classe: Auxiliar - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 02

Nº	NOME	SITUAÇÃO
1	Alexandre Saul Palma	Aprovado
2	Tula Kirst Romani	Aprovado
3	Emerson Luis Cambraia Itaborahy	Classificado

FACULDADE DE MEDICINA
Unidade/Cursa: Departamento de Ginecalagia e Obstetrícia
Área de conhecimenta: Medicina
Subárea de conhecimento: Saúde da Mulher
Classe: Auxiliar - Regime de Trabalho: 40 horas - N.º de Vagas: 02

Nº	NOME	SITUAÇÃO
1	Rejane Martins Ribeiro Itaborahy	Aprovada
2	Verônica Cristina Moraes Brandão	Aprovado
3	Alessandra Silva Barboza Alves	Classificado
4	Georges Bohter Kabouk	Classificado

Unidade/Curso: Departamento de Clínica Médica
Área de conhecimento: Medicina
Subárea de conhecimento: Saúde do Adulto e do Idosa
Classe: Auxiliar - Regime de Trabalho: 40 horas - N.º de Vagas: 02

Não houve candidato aprovada

INSTITUTO DE BIOCIÊNCIAS
Unidade/Curso: Departamento de Biologia e Zoologia
Área de conhecimento: Ciências Biológicas
Subárea de conhecimento: Morfalogia dos Grupos Recentes
Classe: Adjunto - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Luiz Henrique Garcia Pereira	Aprovado

Unidade/Curso: Departamento de Biologia e Zoologia
Área de conhecimento: Ciências Bialógicas
Subárea de conhecimento: Taxonomia dos Grupos Recentes - Invertebrados
Classe: Adjunta - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Amazonas Chagas	Aprovado
2	Eduardo Gomes de Vasconcelos	Classificada
3	Tiago Fernandes Carrijo	Classificado

INSTITUTO DE COMPUTAÇÃO
Unidade/Curso: Instituto de Computação
Área de conhecimento: Ciência da Computação
Subárea de conhecimento: Computação Gráfica
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Rogério Eduardo da Silva	Aprovado

Unidade/Curso: Instituto de Computação
Área de conhecimento: Ciência da Computação
Subárea de conhecimento: Desenvolvimento Web
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Gustavo Post Sabin	Aprovado
2	Diyago Medeiros Ribeiro	Classificado

Unidade/Curso: Instituto de Computação
Área de conhecimento: Ciência da Computação
Subárea de conhecimento: Engenharia de Saftwarc
Classe: Assistente - Regime de Trabalho: Dedicação Exclusiva - N.º de Vagas: 01

Nº	NOME	SITUAÇÃO
1	Karen da Silva Figueiredo	Aprovado
2	Daniel Avila Vecchiato	Classificado
3	Nilton Hideki Takagi	Classificado

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June 15, 2025

To the United States Citizenship and Immigration Services,

Dear Sir or Madam,

We are pleased to jointly provide this letter in support of Dr. Adriano Percival Calderaro Calvo's EB-1 petition. Our names are Christianne de Faria Coelho Ravagnani and Fabricio Cesar de Paula Ravagnani. We are both senior academics with extensive backgrounds in the fields of Physical Education and Health Sciences in Brazil. I, Christianne, am a Full Professor at the Federal University of Mato Grosso do Sul (UFMS), with over two decades of experience in teaching and research, a Ph.D. in Applied Human Nutrition from the University of São Paulo, and a postdoctoral fellowship in Exercise Science from the University of South Carolina, USA. I currently serve as President of the Brazilian Society of Physical Activity and Health (2024-2026) and have authored over 90 scientific articles and several books. I, Fabricio, am a Professor at the Federal Institute of Mato Grosso do Sul (IFMS), holding a Ph.D. in Health and Development and a postdoctoral fellowship in Exercise Science from the University of South Carolina. I serve as Director of Research, Extension, and Institutional Relations at IFMS and have coordinated multiple scientific fairs and community-based research projects.

Our professional relationship with Dr. Calvo began in 2013 when we worked together as faculty members at the Federal University of Mato Grosso. During that time, we engaged in collaborative research and extension projects focused on athletics performance and community health. Dr. Calvo played a leading role in implementing advanced biomechanical assessment tools within the "Multiprofessional Care in Sports and Health" project. Notably, he was responsible for installing and operationalizing force platform equipment and associated software, enabling the precise evaluation of athletes' static and dynamic balance, jump performance, and muscular strength. This was a pivotal contribution that allowed the research unit to overcome budgetary limitations by eliminating the need for external technical service providers.

Beyond his technical contributions, Dr. Calvo demonstrated outstanding leadership in knowledge sharing. He developed and delivered hands-on training programs for undergraduate and graduate students, ensuring that the knowledge and skills necessary for biomechanical assessments became an institutional asset. His collaborative efforts extended to data management, where he played a key role in processing and analyzing biomechanical metrics, as well as conducting advanced statistical evaluations essential for our research outputs.

Our co-authored publications with Dr. Calvo, including peer-reviewed and high index score articles addressing athletics performance and injury prevention, reflect his dedication to academic excellence and applied research. His methodological rigor and

capacity to translate complex biomechanical data into actionable research findings were fundamental to the success of these studies.

We would also like to highlight Dr. Calvo's interpersonal skills and academic altruism. His ability to mentor students, foster teamwork, and deliver technical support across multidisciplinary research groups was consistently exemplary. His resilience, adaptability, and problem-solving capabilities were crucial in overcoming operational challenges within resource-constrained academic settings.

Given our combined education and professional credentials in physical education and health sciences, we can confidently attest that Dr. Calvo has consistently demonstrated an extraordinary combination of technical skill, research leadership, and international contributions within his field. His track record clearly places him among the most accomplished professionals in the areas of human performance and biomechanics. His rare combination of depth of knowledge, strategic thinking, and consistent involvement in advancing projects to applied research initiatives has made a significant impact on every academic and scientific environment he has engaged with. His contributions in the fields of biomechanics and human performance reflect a level of professional achievements and scientific talent that would greatly benefit institutions in the United States.

Should you require any further information, please feel free to contact us.

Best Regards,

Christianne de Faria Coelho Ravagnani, Ph.D.
Full Professor, Federal University of Mato Grosso do Sul (UFMS)
President of the Brazilian Society of Physical Activity and Health (2024-2026)

Fabricio Cesar de Paula Ravagnani, Ph.D.
Professor and Director of Research, Extension, and Institutional Relations, Federal Institute of Mato Grosso do Sul (IFMS)

Email: christianne.coelho@ufms.br / Phone: +55 67 98463-9314
Email: fabricio.ravagnani@ifms.edu.br / Phone: +55 67 98483-9314



Fabricio Cesar de Paula Ravagnani

Federal Institute of Science and Technology of Mato Grosso Sul (IFMS)

Physical activity and health
school sport
professional education

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Index h	15	9
i10 Index	20	8

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Based on funding authorizations

TITLE	QUOTED BY	YEAR
School physical education: physical activity guide for the Brazilian population KS Silva, A da Silva Bandeira, FC de Paula Ravagnani, EM de Camargo, ... Brazilian Journal of Physical Activity & Health 26, 1-18	61	2021
Pre-season dietary intake of professional soccer players R Raizel, A da Mata Godois, AY Coqueiro, FA Voltarelli, CA Fett, ... Nutrition and health 23 (4), 215-222	50	2017
Physical education for health among school-aged children and adolescents: a scoping review of reviews VV Ramires, PC Dos Santos, VC Barbosa Filho, A da Silva Bandeira, ... Journal of Physical Activity and Health 20 (7), 586-599	40	2023
Mapping recommended strategies to promote active and healthy lifestyles through physical education classes: a scoping review AS Bandeira, FCP Ravagnani, VC Barbosa Filho, VJM de Oliveira, ... International Journal of Behavioral Nutrition and Physical Activity 19 (1), 36	38	2022
Use of dietary supplements among Brazilian athletes HCG Nabuco, VB Rodrigues, WM Barros, FCDP Ravagnani, ... Journal of Nutrition 30 (02), 163-173	38	2017
Impact of an intervention program for lifestyle change on indicators of physical fitness, obesity and food intake of adult individuals C by Faria Coelho, AF Pereira, FC by Paula Ravagnani, E Michelin, ... Brazilian Journal of Physical Activity & Health 15 (1), 21-27	33	2010
Water loss and hydration practice in soccer athletes AM Godois, R Raizel, VB Rodrigues, FCP Ravagnani, CA Fett, ... Brazilian Journal of Sports Medicine 20 (01), 47-50	27	2014
Association between anthropometric variables, glycemic and lipid profile in elderly women AD Reis Filho, CF Coelho, FA Voltarelli, J Ferrari Junior, FCP Ravagnani, ... Brazilian Journal of Geriatrics and Gerontology 14, 675-686	26	2011
The supplementation of L-carnitine does not promote alterations in the resting metabolic rate and in the use of energetic substrates in physically active individuals CF Coelho, JF Mota, FC Ravagnani, RC Burini Arq Bras Endocrinol Metab 54 (1), 37-44	23	2010

TITLE	QUOTED BY	YEAR
Physical activity: spaces and environmental conditions for its practice in a Brazilian capital IJO da Silva, MG Alexandre, FC de Paula Ravagnani, JVP da Silva, ... Brazilian journal of science and movement 22 (3), 53-62	21	2014
L-carnitine supplementation does not promote changes in the resting metabolic rate and in the use of energy substrates in active individuals CF Coelho, JF Mota, FC Ravagnani, RC Burini Brazilian Archives of Endocrinology & Metabology 54, 37-44	18	2010
Factors associated with dietary supplementation among Brazilian athletes HCG Nabuco, VB Rodrigues, VLS Fernandes, FC de Paula Ravagnani, ... Hospital Nutrition 33 (3), 678-684	17	2016
Body composition and objectives in the search for supervised physical activities among beginners in a physical exercise program at the academy of Botucatu-SP FCP Ravagnani, AT Cunha-Junior, R Werk, CF Coelho Fitness & performance journal 6 (3), 147-151	17	2007
Comparison between different bioimpedance devices for evaluating fat percentage AD dos Reis Filho, FC de Paula Ravagnani, MPP de Oliveira, CA Fett, ... Brazilian Journal of Science and Movement 19 (2), 5-12	16	2011
Sport readiness questionnaire with focus on musculoskeletal injuries JA Silveira, CF Coelho, AJ Hernandez, MM Espinosa, APC Calvo, ... Brazilian Journal of Sports Medicine 22 (05), 361-367	15	2016
Use of dietary supplements among Brazilian athletes HCG Nabuco, VB Rodrigues, WM Barros, FCP Ravagnani, MM Espinosa, ... Rev Nutr 30 (2), 163-73	12	2017
Physical profile of the different positions of soccer players FC de Paula Ravagnani, WB Paz, CF Costa, CM Brandão, ... Brazilian Journal of Science and Movement 21 (2), 11-18	12	2013
Effects of high fat diets with baru extract and chocolate on adipocyte area of rats subjected to physical exercise FCP Ravagnani, CFC Ravagnani, JA Braga Neto, FA Voltarelli, ... Brazilian Journal of Sports Medicine 18, 190-194	12	2012
Adequacy of energy and macronutrient intake of food supplements for athletes VB Rodrigues, CFC Ravagnani, HCG Nabuco, FCP Ravagnani, ... Journal of Nutrition 30 (05), 593-603	11	2017
Effect of hyperlipidic diets with baru extract and chocolate on the area of adipocytes of mice subjected to physical exercise FCP Ravagnani, CFC Ravagnani, JA Braga Neto, FA Voltarelli, ... Brazilian Journal of Sports Medicine 18, 190-194	10	2012



Christianne de Faria Coelho Ravagnani

Address to access this CV: http://lattes.cnpq.br/4505610148891729
Lattes ID: **4505610148891729**
Last updated on 08/04/2025

She holds a degree in Physical Education from UEL, a degree in Nutrition from UNIFIL, a master's and doctorate in Applied Human Nutrition from USP, and a postdoctorate in Exercise Science from the University of South Carolina, USA. She was a visiting professor at the University of Padova, Italy (2022). She is a full professor at the Federal University of Mato Grosso do Sul and a faculty advisor for the Postgraduate Program in Movement Sciences at UFMS. She was president of the Committee for the Elaboration of the Proposal for the Postgraduate Program in Physical Education at UFMT (2011) and a member of the Committee for the Elaboration of the Proposal for the Postgraduate Program in Movement Sciences at UFMS (2018). President of the Brazilian Society of Physical Activity and Health (2024-2026). She acted as coordinator of the undergraduate courses in Physical Education, the Lato sensu Postgraduate course in Exercise and Nutrition in Disease and Sport, and the Stricto-sensu course in Physical Education at UFMT. She served on the Scientific Committee of the Brazilian Physical Activity Recommendations for the Brazilian population at the Brazilian Ministry of Health (2020-2021). She has published 96 full articles in national and international journals and 7 books or book chapters. She serves as an associate editor of the Brazilian Journal of Physical Activity and Health. She coordinates the Research Group on Exercise and Nutrition in Health and Performance (PENSARE). Contact: christianne.coelho@ufms.br **(Text provided by the author)**

Identification

Name

Christianne de Faria Coelho Ravagnani

Name in bibliographic citations

COELHO-RAVAGNANI, C.F.;COELHO-RAVAGNANI, CHRISTIANNE F.;RAVAGNANI, CHRISTIANNE;0000-0002-9082-6521;FARIA COELHO-RAVAGNANI, CHRISTIANNE;COELHO-RAVAGNANI, CHRISTIANNE DE FARIA;RAVAGNANI, CHRISTIANNE F.C.;RAVAGNANI, CHRISTIANNE DE FARIA COELHO;F. COELHO-RAVAGNANI, CHRISTIANNE;FARIA COELHO-RAVAGNANI;FARIA COELHO-RAVAGNANI, CHRISTIANNE DE

Lattes iD

http://lattes.cnpq.br/4505610148891729

Orcid iD

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Country of Nationality

Brazil

Address

Professional Address

Federal University of Mato Grosso do Sul.
Federal University of Mato Grosso do Sul Foundation
University
79070900 - Campo Grande, MS - Brazil
Phone: (67) 984639314
Homepage URL: http://www.ufms.br

Academic background/degree

2004 - 2007

PhD in Applied Human Nutrition .
University of São Paulo, USP, Brazil.
Title: Effects of a lifestyle change program on quantitative and qualitative health indicators . Year obtained: 2008. Advisor: Roberto Carlos Burini. Scholarship holder from the Coordination for the Improvement of Higher Education Personnel, CAPES, Brazil. Keywords: subjective sensation; lifestyle; physical exercise.

2001 - 2004

Master's Degree in Applied Human Nutrition .
University of São Paulo, USP, Brazil.
Title: Effect of L-carnitine supplementation on body composition, lipid profile and resting metabolic rate of active adults. Year of Completion: 2004.
Advisor: ROBERTO CARLOS BURINI.
Scholarship holder of the Coordination for the Improvement of Higher Education Personnel, CAPES, Brazil.

2003 - 2004

Specialization in Nutritional Care for Patients and Athletes . (Workload: 405h).
São Paulo State University Júlio de Mesquita Filho, UNESP, Brazil.
Title: Effect of the lifestyle change protocol on the physical fitness of adults participating in a university extension project: influence of body composition.
Advisor: Roberto Carlos Burini.

2001 - 2002

Specialization in Interaction of Nutrition, Physical Exercise and Medicine in . (Workload: 405h).
São Paulo State University Júlio de Mesquita Filho, UNESP, Brazil.
Title: Ergogenic effects of L-carnitine supplementation.
Advisor: Edilson Serpeloni Cyrino.

2001 - 2003

Advanced Training in Nutritional Biochemistry and Dietetics . (Workload: 3400h).
São Paulo State University, UNESP, Brazil.
Title: No monograph. Year of completion: 2003.
Advisor: Roberto Carlos Burini.
Scholarship holder from: Foundation for Agricultural Development, FUNDAP, Brazil.

1996 - 2000

Bachelor's Degree in Physical Education .
State University of Londrina, UEL, Brazil.
Title: NUTRITIONAL CONTROL OF POSSIBLE MECHANISMS OF CENTRAL AND PERIPHERAL FATIGUE.
Advisor: EDILSON SERPELONI CYRINO.

1996 - 1999

Bachelor's degree in NUTRITION .
Philadelphia University Center, UNIFIL, Brazil.

Postdoctoral fellowship

2015 - 2015

Postdoctoral Fellow.
University of South Carolina, USC, United States.
Scholarship holder from: Coordination for the Improvement of Higher Education Personnel, CAPES, Brazil.

Complementary Training

2025 - 2025

CATALISA ICT - MOBILIZE AND LEARN. (Workload: 52h).
Support Service for Micro and Small Businesses in Campo Grande, SEBRAE/MS, Brazil.

2023 - 2023

curso de capacitação English as a Medium of Instruction (EMI) - Advanced. (Carga horária: 20h).

Universidade Federal de Mato Grosso do Sul, UFMS, Brasil.

2019 - 2019

ENGLISH AS A MEDIUM OF INSTRUCTION (EMI),. (Carga horária: 20h).
Universidade Federal de Mato Grosso do Sul, UFMS, Brasil.

2018 - 2018

Curso Excel Básico Turma II. (Carga horária: 32h).
Universidade Federal de Mato Grosso do Sul, UFMS, Brasil.

2017 - 2017

Researcher Connect. (Carga horária: 24h).
Fundação de Apoio e Desenvolvimento do Ensino, Ciência e Tecnologia do MS, FUNDECT/MS, Brasil.

2014 - 2014

Inglês. (Carga horária: 80h).
St Giles International, ST GILES, Estados Unidos.

2014 - 2014

Atividade Física e Saúde Pública. (Carga horária: 50h).
Sociedade Brasileira de Atividade Física e Saúde, SBAFS, Brasil.

2014 - 2014

Inglês. (Carga horária: 80h).
St Giles International, ST GILES, Estados Unidos.

1989 - 1994

Inglês completo - FISK.
Fisk, FISK, Brasil.

Atuação Profissional

Instituto Federal de Educação, Ciência e Tecnologia de Mato Grosso do Sul, IFMS, Brasil.

Vínculo institucional

2018 - Atual

Vínculo: , Enquadramento Funcional:

Universidade Federal de Mato Grosso do Sul, UFMS, Brasil.

Vínculo institucional

2016 - Atual

Vínculo: Servidor Público, Enquadramento Funcional: Docente, Carga horária: 40, Regime: Dedicação exclusiva.

Vínculo institucional

2016 - Atual

Vínculo: Servidor Público, Enquadramento Funcional: Pesquisa e Desenvolvimento, Carga horária: 8

Vínculo institucional

2018 - 2022

Vínculo: Servidor Público, Enquadramento Funcional: Docente, Regime: Dedicação exclusiva.

Outras informações

Membro de colegiado de curso de graduação em Educação Física - EAD

Atividades

06/2023 - Atual

Conselhos, Comissões e Consultoria, UFMS - Faculdade de Educação.

Cargo ou função
Comissão Especial de Seleção de Professor Substituto para os cursos de Educação Física - Bacharelado e Licenciatura.

03/2023 - Atual

Conselhos, Comissões e Consultoria, UFMS - Faculdade de Educação.

Cargo ou função
Membro da Comissão Setorial de Avaliação.

09/2022 - Atual

April 15, 2025

To the United States Citizenship and Immigration Services,

I am writing this letter as Carlos Alexandre Fett, Full Professor at the Federal University of Mato Grosso, where I work both in the undergraduate Physical Education program and in the graduate program in Medicine. Throughout my career, I have been dedicated to research and the training of high-level professionals, accumulating several awards and recognitions in my field (such as the VITAFOR Award, the Honorary Coin from the BOPE, and the Productivity Fellowship in Technological Development and Innovative Extension – DT from CNPQ). Therefore, my recommendation comes with the weight of a long academic and professional trajectory, and it is with great satisfaction that I offer it in support of Dr. Adriano Percival Calderaro Calvo's Green Card petition.

I have known Dr. Calvo for many years, initially as a colleague in the undergraduate Physical Education program at the Federal University of Mato Grosso (UFMT), where we both served as professors. Later, I had the honor of being his postdoctoral supervisor in the Health Sciences program at UFMT. Over the years, I have witnessed his remarkable professional growth and his significant contributions to the fields of biomechanics and human motor behavior.

Dr. Calvo has an exemplary academic trajectory, marked by constant improvement and a pursuit of knowledge. From his undergraduate studies at Sao Paulo State University (UNESP), where he stood out in community outreach and scientific research activities, to his Ph.D. in Mechanical Engineering with an emphasis in Biomedical Engineering, he has consistently demonstrated an unwavering commitment to academic excellence.

During his education, Dr. Calvo engaged in extension and research projects, such as the Pedagogical Studies and Research Group in Athletics (GEPPA), led by Professor Dr. Sara Quenzer Matthiesen. His participation resulted in the creation of educational material on school athletics, scientific articles, and a book entitled "*Atletismo se Aprende na Escola*" (Athletics is Learned at School).

As his postdoctoral supervisor, I had the opportunity to closely follow his innovations in biomechanics. Dr. Calvo demonstrated great expertise in biomechanical instrumentation, using tools such as balance/force platforms, surface electromyography, and motion analysis systems. One of his most notable contributions was the development of an innovative insole that adjusted grip for people with disabilities, demonstrating his ability to apply theoretical knowledge into impactful and practical solutions.

Dr. Calvo collaborated on several projects I coordinated at UFMT, always showing great helpfulness, cordiality, and a strong sense of justice and correctness in his actions. His expertise was fundamental to the success of these projects, and his ability to work in a team and adapt to different contexts is remarkable.

In addition to his technical qualities, Dr. Calvo possesses personal characteristics that make him a distinguished professional. His proactivity, adaptability, professional vision, and willingness for continuous learning are qualities that set him apart and will certainly be valuable to the American community.

Dr. Calvo's trajectory demonstrates a steady progression toward deepening knowledge in the field of human motor behavior. His experience as an Assistant Professor at the Faculty of Physical Education at the Federal University of Mato Grosso and his work at the Brazilian Air Force University (UNIFA) highlight his ability to apply his knowledge in different contexts and to contribute to the training of new professionals.

Considering his multidisciplinary background and international experience, Dr. Calvo has a unique and valuable profile for the academic and professional community in the United States. His expertise in biomechanics, human motor behavior, and exercise physiology, combined with his personal qualities, make him a highly qualified professional capable of contributing across various areas such as health, sports, education, and human factors.

In view of the above, I strongly recommend Dr. Adriano Percival Calderaro Calvo for obtaining the Green Card. I am convinced that he will make significant contributions to American society and will be a valuable member of the community.

Sincerely,



gov.br
Documento assinado digitalmente
CARLOS ALEXANDRE FETT
Data: 08/07/2025 15:38:41-0300
Verifique em https://validar.iti.gov.br

Carlos Alexandre Fett, Ph.D.
Full Professor
Federal University of Mato Grosso
Av. Fernando Correa da Costa 2367, 78060-900, Cuiabá-MT, Brazil
Phone: +55 65 99221-3301
E-mail: fettcarlos@gmail.com



Carlos Alexandre Fett

Address to access this CV: http://lattes.cnpq.br/1802404946212461
Lattes ID: **1802404946212461**
Last updated on 07/07/2025

Founder of the NAFIMES Research Center, which has a registered trademark by UFMT, Productivity in Technological Development and Innovative Extension - DT, associate professor level 4 of the Faculty of Physical Education, coordinator of the master's degree in Physical Education (2016-2019), supervises the doctorate in Health Sciences and the master's degree in Technological Innovation PROFNIT at the Federal University of Mato Grosso. Master in Biological Sciences (Cellular and Molecular Biology) from the São Paulo State University Júlio de Mesquita Filho (2000) and PhD in Medicine (Clinical Medicine) from the University of São Paulo (2005); Fellow at the Washington University School of Medicine St. Louis (USA), in studies of metabolism and chronic diseases, with an emphasis on obesity, AIDS aging and Post-Doctorate from the Federal University of Rio de Janeiro in Sports Nutrition in high-performance athletes. He has experience in Physical Education, with an emphasis on resistance training and combat sports, focusing on the following topics: body composition, muscle hypertrophy, energy metabolism, sports nutrition, and anti-aging technologies. He is a former athlete and director of Judo, Kickboxing, Jiu-Jitsu, Tae Kwon-Do, and Boxing. He is a Brazilian Jiu-Jitsu and Kickboxing Champion and Brazilian Judo Runner-up, having competed in the US Open Judo Championship. **(Text provided by the author)**

Identification

Name

Carlos Alexandre Fett

Name in bibliographic citations

Fett, Carlos Alexandre;Fett Carlos;Carlos Alexandre Fett;Fett CA;FETT, CA;ALEXANDRE FETT, CARLOS;ALEXANDREFETT, CARLOS;FETT, CARLOS A.;FETT, CARLOS;CARLOS ALEXANDRE, FETT

Lattes iD

http://lattes.cnpq.br/1802404946212461

Orcid iD

? https://orcid.org/0000-0002-7522-7985

Country of Nationality

Brazil

Address

Professional Address

Facebook: cafett@hotmail.com

Federal University of Mato Grosso, Office of the Vice-Rector for Education and Undergraduate Studies, Department of Physical Education, Sports Center.
Av. Fernando Correa da Costa, University Campus - Coxipó - Sports Center
Coxipó
78068900 - Cuiabá, MT - Brazil
Phone: (65) 36153380
Ext.: 23
Fax: (65) 36158838
Homepage URL: http://www.ufmt.br

Social media

Academic background/degree

2001 - 2005

Doctorate in Medicine (Clinical Medicine) .
University of São Paulo, USP, Brazil.
Title: "Nutritional metabolic assessment of obese women at baseline and after treatment with a hypocaloric diet and circuit training or walking" , Year obtained: 2005. Advisor: Júlio Sérgio Marchini. Scholarship holder from: Coordination for the Improvement of Higher Education Personnel, CAPES, Brazil. Keywords: Doctorate; obesity; calorimetry; Anthropometry; blood biochemistry; physical conditioning. Major Area: Health Sciences Major Area: Health Sciences / Area: Medicine / Subarea: Clinical Medicine / Specialty: Health and Performance. Major Area: Health Sciences / Area: Nutrition / Subarea: Nutrition Biochemistry / Specialty: Nutrition Biochemistry. Sectors of activity: Personal Health Care; Nutrition and Food; Health Care of Human Populations.

1998 - 2000

Master's Degree in Biological Sciences (Cellular, Molecular Biology, and Microbiology) .
São Paulo State University Júlio de Mesquita Filho, UNESP, Brazil.
Title: Body composition, strength gain, and response to exhaustion during hypertrophic training in the presence of W-3 fatty acid or medium-chain triglyceride supplementation. Year of Completion: 2001.
Advisor: Robert[illegible]arlos Burini.

Scholarship holder from: Coordination for the Improvement of Higher Education Personnel, CAPES, Brazil.
Keywords: master's degree.
Major Area: Biological Sciences.

1997 - 1998

Specialization in Medicine . (Workload: 360h).
Brazilian Medical Association of Oxidology, AMBO, Brazil.
Title: Incidence of dysbiosis in long-distance runners.
Advisor: Miguel M Naveira.

1989 - 1990

Specialization in Physical Preparation Science . (Workload: 390h).
Realengo Educational Center Integrated Colleges Castelo Branco, FICAB, Brazil.
Title: Comparison of body composition of women practicing gym or swimming.
Advisor: Kenji Kido.

2003 - 2003

Improvement Through An IAEA Fellowship - Nutritional and Health . (Workload: 960h).
Washington University in Saint Louis, WUSTL, United States.
Title: Nutritional and Health-Related Environmental Studies. Year of completion: 2003.
Advisor: Kevin Yarasheski.
Scholarship holder from: International Atomic Energy Agency, IAEA, Austria.

1983 - 1987

Bachelor's Degree in Physical Education .
Federal University of Mato Grosso, UFMT, Brazil.

2000 - 2000

Curso técnico/profissionalizante em Suplementos Nutricionais Aplicações Práticas Em Es.
International School Of Sports Nutrition And Human Performance, ISSNHP, Brasil.

1996 - 1996

Curso técnico/profissionalizante em Alimentação Esportiva Avançada.
International School Of Sports Nutrition And Human Performance, ISSNHP, Brasil.

1994 - 1994

Curso técnico/profissionalizante em Drogas no Esporte e Testes Antidoping.
International School Of Sports Nutrition And Human Performance, ISSNHP, Brasil.

1979 - 1982

Ensino Médio (2º grau).
Colégio Salesiano São Gonçalo, CSSG, Brasil.

Pós-doutorado

2012 - 2016

Pós-Doutorado.
Universidade Federal do Estado do Rio de Janeiro, UNIRIO, Brasil.
Bolsista do(a): Coordenação de Aperfeiçoamento de Pessoal de Nível Superior, CAPES, Brasil.
Grande área: Ciências da Saúde

Formação Complementar

2023 - 2023

1st Sambo Master Degree. (Carga horária: 24h).
International Sambo Federation, FIAS, Rússia.

2019 - 2019

Instrutor Tiro com Arco Nível I. (Carga horária: 20h).
Confederação Brasileira de Tiro com Arco, CBTARCO, Brasil.

2018 - 2018

Construção de Portfólios Tecnológicos Estratégicos Utilizando Inteligência. (Carga horária: 24h).
Universidade Federal de Mato Grosso, UFMT, Brasil.

2017 - 2017

Gestão da Inovação: Conceitos e Aplicaçãoes de Transferência de Tecnologia. (Carga horária: 16h).
Instituto Federal de Educação Ciência e Tecnologia de Mato Grosso, IFMT, Brasil.

2012 - 2012

Curso Caixa de Formação de Oficiais de Controle do. (Carga horária: 17h).
Confederação Brasileira de Atletismo, CBAT, Brasil.

2003 - 2003

Intensive English Program 105 Level. (Carga horária: 160h).
Els Language Center, ELS, Estados Unidos.

1996 - 1996

Seminário Internet Comercial. (Carga horária: 4h).
Serviço Brasileiro de Apoio Às Micro e Pequenas Empresas, SEBRAE, Brasil.

1996 - 1996

Oratória a Arte de Falar Em Público. (Carga horária: 16h).
Serviço Brasileiro de Apoio Às Micro e Pequenas Empresas, SEBRAE, Brasil.

1981 - 1983

Inglês. (Carga horária: 200h).
Instituto de Idiomas Yázigi, YÁZIGI, Brasil.

Atuação Profissional

Instituo Cuiabano de Educação, ICE, Brasil.

Vínculo institucional

2007 - 2010

Vínculo: Colaborador, Enquadramento Funcional: Professor de Pós-Graduação, Carga horária: 2

Outras informações

Professor dos módulos de Pós-Graduação Lato Senso em: Gestão do treinamento e da performance desportiva, nas disciplinas de: Anatomia aplicada a educação física; Bioenergética; Treinamento aeróbio e anaeróbio; hidratação, antioxidantes e drogas.

Universidade Federal de Mato Grosso, UFMT, Brasil.

Vínculo institucional

1997 - Atual

Vínculo: Servidor Público, Enquadramento Funcional: Professor efetivo, Adjunto 4, Carga horária: 40, Regime: Dedicação exclusiva.

Atividades

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SÃO PAULO STATE UNIVERSITY
INSTITUTE OF BIOSCIENCES
DEPARTMENT OF PHYSICAL EDUCATION

INSTITUTE OF BIOSCIENCES
RIO CLARO CAMPUS

INSTITUTO DE BIOCIÊNCIAS
CÂMPUS DE RIO CLARO
unesp

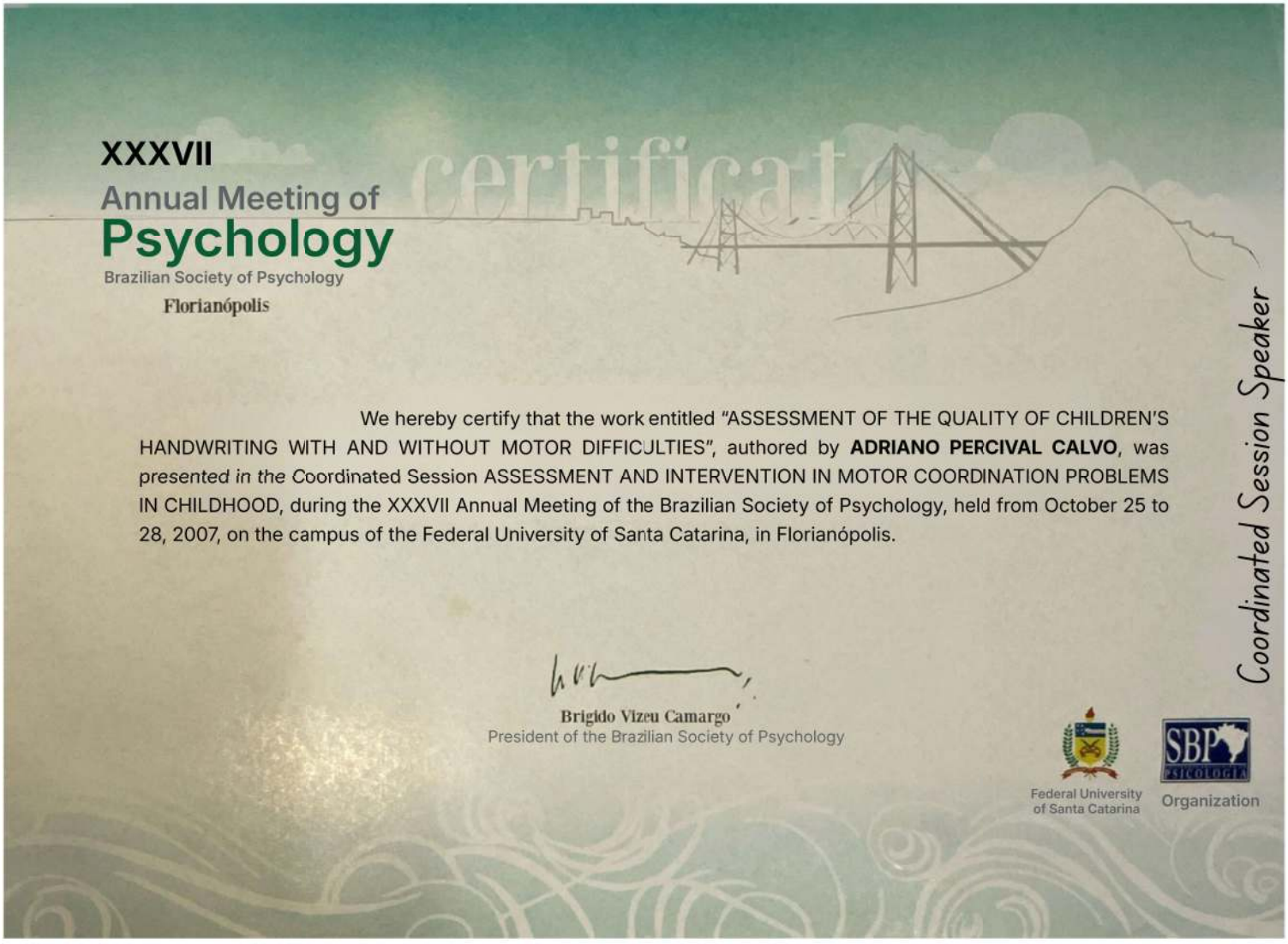
CERTIFICATE

I certify for all legal purposes that *Adriano Percival Calvo* and *Sara Quenzer Matthiesen* participated on October 21, from 2:00 p.m. to 3:30 p.m., as speakers in the roundtable discussion "ATHLETICS AT THE UNIVERSITY: FROM TRAINING TO EXTENSION" at the event CONVERSATIONS WITH THOSE WHO LIKE ATHLETICS IV, promoted by the Group for Pedagogical Studies and Research in Athletics of the Department of Physical Education of UNESP–Rio Claro on October 20 and 21, 2005.

Rio Claro, October 21, 2005

Prof. Dr. Sara Quenzer Matthiesen
General Coordinator of the Event

Speaker



XXXVII

Annual Meeting of

Psychology

Brazilian Society of Psychology

Florianópolis

certificate

We hereby certify that the work entitled "ASSESSMENT OF THE QUALITY OF CHILDREN'S HANDWRITING WITH AND WITHOUT MOTOR DIFFICULTIES", authored by **ADRIANO PERCIVAL CALVO**, was presented in the Coordinated Session ASSESSMENT AND INTERVENTION IN MOTOR COORDINATION PROBLEMS IN CHILDHOOD, during the XXXVII Annual Meeting of the Brazilian Society of Psychology, held from October 25 to 28, 2007, on the campus of the Federal University of Santa Catarina, in Florianópolis.

Brigido Vizeu Camargo
President of the Brazilian Society of Psychology

Federal University of Santa Catarina

Organization

Coordinated Session Speaker

MINISTRY OF DEFENSE
BRAZILIAN ARMY
ARMY DEPARTMENT OF EDUCATION AND CULTURE
(Insp G Ens Ex/1937)

CERTIFICATE

The Army Department of Education and Culture (DECEx) hereby awards this Certificate to *Prof. Dr. ADRIANO PERCIVAL CALDERARO CALVO*, from the Air Force University (UNIFA), for delivering the lecture *"Temporomandibular disorder, psychological distress, and masticatory muscles of air traffic controllers: electromyographic analyses"* at the I National Defense Research Seminar.

Speaker

Rio de Janeiro, RJ, October 10, 2023

Army General RICHARD FERNANDEZ NUNES
Chief of the Army Department of Education and Culture

unesp

SÃO PAULO STATE UNIVERSITY – INSTITUTE OF BIOSCIENCES
DEPARTMENT OF PHYSICAL EDUCATION

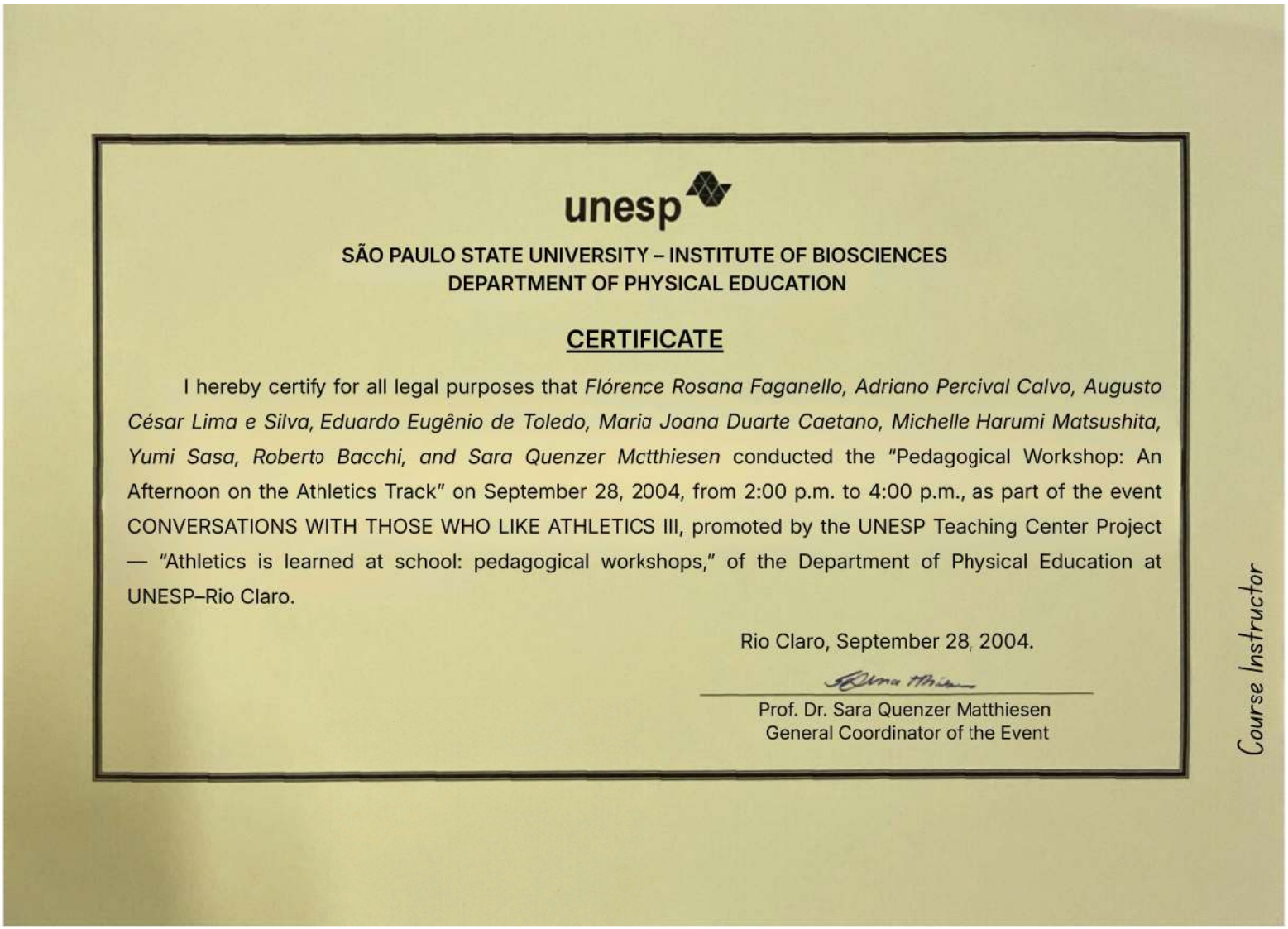
CERTIFICATE

I hereby certify for all legal purposes that ***ADRIANO PERCIVAL CALVO, AUGUSTO CÉSAR LIMA E SILVA, SARA QUENZER MATTHIESEN, and FLORENCE ROSANA FAGANELLO*** taught the "Pedagogical Workshop: Introduction to Athletics in Physical Education Classes," held on September 24, 2004, from 2:00 p.m. to 4:00 p.m., as part of the event CONVERSATIONS WITH THOSE WHO LIKE ATHLETICS III, promoted by the UNESP Teaching Center Project — "Athletics is learned at school: pedagogical workshops," of the Department of Physical Education at UNESP–Rio Claro.

Rio Claro, September 24, 2004.

Prof. Dr. Sara Quenzer Matthiesen
General Coordinator of the Event

Course Instructor



unesp

SÃO PAULO STATE UNIVERSITY – INSTITUTE OF BIOSCIENCES
DEPARTMENT OF PHYSICAL EDUCATION

CERTIFICATE

I hereby certify for all legal purposes that *Flórence Rosana Faganello, Adriano Percival Calvo, Augusto César Lima e Silva, Eduardo Eugênio de Toledo, Maria Joana Duarte Caetano, Michelle Harumi Matsushita, Yumi Sasa, Roberto Bacchi, and Sara Quenzer Matthiesen* conducted the "Pedagogical Workshop: An Afternoon on the Athletics Track" on September 28, 2004, from 2:00 p.m. to 4:00 p.m., as part of the event CONVERSATIONS WITH THOSE WHO LIKE ATHLETICS III, promoted by the UNESP Teaching Center Project — "Athletics is learned at school: pedagogical workshops," of the Department of Physical Education at UNESP–Rio Claro.

Rio Claro, September 28, 2004.

Prof. Dr. Sara Quenzer Matthiesen
General Coordinator of the Event

Course Instructor

unesp

SÃO PAULO STATE UNIVERSITY – INSTITUTE OF BIOSCIENCES
DEPARTMENT OF PHYSICAL EDUCATION

CERTIFICATE

I hereby certify for all legal purposes that **ADRIANO PERCIVAL CALVO** and **SARA QUENZER MATTHIESEN** conducted the Pedagogical Workshop: "Introduction to Throws and Launches in Physical Education Classes", held on November 10, 2004, from 6:00 p.m. to 8:00 p.m., as part of the event *CONVERSATIONS WITH THOSE WHO LIKE ATHLETICS III*, promoted by the UNESP Teaching Center Project — "Athletics is learned at school: pedagogical workshops," of the Department of Physical Education at UNESP–Rio Claro.

Rio Claro, November 10, 2004.

Prof. Dr. Sara Quenzer Matthiesen
General Coordinator of the Event

Course Instructor

São Carlos Educational Foundation
São Carlos City Hall

Course Instructor

DECLARATION

I hereby declare, for all due purposes, that **Adriano Percival Calvo** taught the course "Athletics is Learned at School", offered by the Municipal Department of Education and Culture, under the coordination of the Municipal School of Government/FESC of the São Carlos City Hall, during the period from August 20 to September 10, 2005, with a total workload of 32 hours.

São Carlos, October 24, 2005

Prof. Dr. Elisete Silva Pedrazzani
Teaching Coordinator
Municipal School of Government

Rua São Sebastião, 2828 – ZIP Code 13560-230 – São Carlos, SP
Phone/Fax: (16) 3372-1325 | 3372-1308
Email: fescpmsc@terra.com.br | fesc@saocarlos.sp.gov.br

ISSN 1980-6574

Motriz

Journal of Physical Education – UNESP
Volume 13 - Number 2 - Supplement 1 - May/Aug 2007

V International Congress of Physical Education and Human Motricity and XI São Paulo Symposium on Physical Education



Program

April 27, 2007 – Friday

8:00 a.m. to 12:00 p.m.
Reception and registration

2:00 p.m. to 6:00 p.m.
Workshop
Chess at school: recreational strategies
Provider: Prof. Dr. Gisele Maria Schwartz – LEL/IB/UNESP
Lecturer: Prof. Danielle Ferreira Christofoletti

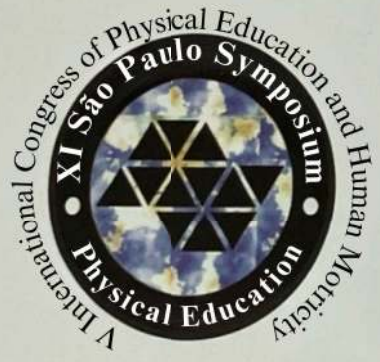
Workshop
Cross-cutting themes in school and in Physical Education: a theoretical–practical perspective
Providers: Prof. Dr. Suraya Cristina Darido and Prof. Dr. Irene Conceição Andrade Rangel – LETPEF/IB/UNESP

Workshop
Physical activity and aging: functional capacity and mental health
Provider: Prof. Dr. Sebastião Gobbi – LAFE/IB/UNESP
Prof. M.Sc. Leandro Ferreira (LAFE, PROFIT),

Workshop
Methodology for genetic analysis of quantitative traits in twins
Provider: Prof. Dr. Eduardo Kokubun – LEES/IB/UNESP
Lecturer: Prof. Marcos Roberto Queiroga UNICENTRO - Guarapuava/PR and Laboratory of Exercise, Sport and Health LEES/UNESP

Workshop
Motor coordination and its forms of assessment
Provider: Prof. Dr. Ana Maria Pellegrini – LABORDAM/IB/UNESP
Prof. Dr. Cynthia Y. Hiraga, M.Sc. Adriano Percival Calvo, M.Sc. Angélica da Rocha Diz, M.Sc. Bruno Nascimento Alleoni and M.Sc. Daniel Traina Gama (LABORDAM/UNESP)

Workshop
Sport psychology applied to high-performance athletes
Provider: Prof. Dr. Afonso Antonio Machado – LEPESPE/IB/UNESP
Prof. M.Sc. Henrique L. Botura, Prof. M.Sc.



FEDERATIVE REPUBLIC OF BRAZIL

SÃO PAULO STATE UNIVERSITY
"JÚLIO DE MESQUITA FILHO"

RIO CLARO CAMPUS
INSTITUTE OF BIOSCIENCES
DEPARTMENT OF PHYSICAL EDUCATION

CERTIFICATE

We hereby certify, for all legal purposes, that **Ana Maria Pellegrini, Cynthia Y. Hiraga, Adriano Percival Calvo, Maria Angélica da Rocha Diz, Bruno Nascimento Alleoni, Daniel Traina Gama,** and **Pámela Bellan** delivered the workshop entitled **"MOTOR COORDINATION AND ITS FORMS OF ASSESSMENT"** at the **V International Congress of Physical Education and Human Motricity and the XI São Paulo Symposium on Physical Education**, held in Rio Claro, SP, from April 27 to 30, 2007, with a total workload of 4 hours.

Rio Claro, April 30, 2007.

PROF. DR. AMILTON FERREIRA
Director of the Institute of Biosciences

PROF. DR. WILSON DO CARMO JR
Head of the Department of Physical Education

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that I have performed the professional translation of this document from Portuguese to English, as a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana

Date: January 15, 2026

unesp

UNIVERSIDADE ESTADUAL PAULISTA
INSTITUTO DE BIOCIENCIAS
DEPARTAMENTO DE EDUCAÇÃO FÍSICA

INSTITUTO DE BIOCIÊNCIAS
CÂMPUS DE RIO CLARO
unesp

CERTIFICADO

Certifico para fins de direito que, *Adriano Percival Calvo; Sara Quenzer Matthiesen*, participaram no dia 21 de Outubro, das 14:00 às 15:30 horas, como palestrantes na mesa redonda "O ATLETISMO NA UNIVERSIDADE: DA FORMAÇÃO À EXTENSÃO" no evento CONVERSAS COM QUEM GOSTA DE ATLETISMO IV, promovido pelo Grupo de Estudos Pedagógicos e Pesquisa em Atletismo do Departamento de Educação Física da UNESP-Rio Claro nos dias 20 e 21 de Outubro de 2005.

Rio Claro, 21 de Outubro de 2005

Profa. Dra. Sara Quenzer Matthiesen
Coordenadora Geral do Evento

Palestrante



XXXVII
Reunião Anual de
Psicologia
Sociedade Brasileira de Psicologia
Florianópolis

certificado

Certificamos que o trabalho intitulado "AVALIAÇÃO DA QUALIDADE DA ESCRITA DE CRIANÇAS COM E SEM DIFICULDADES MOTORAS", de autoria de **ADRIANO PERCIVAL CALVO**, foi apresentado na Sessão Coordenada AVALIAÇÃO E INTERVENÇÃO NOS PROBLEMAS DE COORDENAÇÃO MOTORA NA INFÂNCIA, durante a XXXVII Reunião Anual da Sociedade Brasileira de Psicologia, ocorrida de 25 a 28 de outubro de 2007, no Campus da Universidade Federal de Santa Catarina, em Florianópolis.

Brigido Vizeu Camargo
Presidente da Sociedade Brasileira de Psicologia

Universidade Federal de Santa Catarina

SBP PSICOLOGIA
Realização

Valentin Bazan - coordenador

MINISTÉRIO DA DEFESA
EXÉRCITO BRASILEIRO
DEPARTAMENTO DE EDUCAÇÃO E CULTURA DO EXÉRCITO
(Insp G Ens Ex/1937)

CERTIFICADO

O Departamento de Educação e Cultura do Exército (DECEx) confere o presente Certificado ao *Profº Dr ADRIANO PERCIVAL CALDERARO CALVO*, da *Universidade da Força Aérea (UNIFA)*, pela apresentação da palestra "*Distúrbio temporomandibular, sofrimento psicológico e músculos mastigatórios de controladores de tráfego aéreo: análises eletromiográficas*", no I Seminário de Pesquisa em Defesa Nacional.

Rio de Janeiro, RJ, 10 de outubro de 2023

Gen Ex RICHARD FERNANDEZ NUNES
Chefe do Departamento de Educação e Cultura do Exército

unesp

UNIVERSIDADE ESTADUAL PAULISTA – INSTITUTO DE BIOCIÊNCIAS
DEPARTAMENTO DE EDUCAÇÃO FÍSICA

CERTIFICADO

Certifico para fins de direito que ***ADRIANO PERCIVAL CALVO, AUGUSTO CÉSAR LIMA E SILVA, SARA QUENZER MATTHIESEN e FLÓRENCE ROSANA FAGANELLO*** ministraram a "Oficina Pedagógica: "Introdução ao atletismo em aulas de Educação Física" realizada no dia 24 de setembro de 2004, das 14 às 16:00 horas como parte do evento *CONVERSAS COM QUEM GOSTA DE ATLETISMO III*, promovido pelo Projeto do Núcleo de Ensino da UNESP- "Atletismo se aprende na escola: oficinas pedagógicas" do Departamento de Educação Física da UNESP-Rio Claro.

Rio Claro, 24 de setembro de 2004.

Profa. Dra. Sara Quenzer Matthiesen
Coordenadora geral do evento

Curso ministrado

unesp

UNIVERSIDADE ESTADUAL PAULISTA – INSTITUTO DE BIOCIÊNCIAS
DEPARTAMENTO DE EDUCAÇÃO FÍSICA

CERTIFICADO

Certifico para fins de direito que *Flórence Rosana Faganello, Adriano Percival Calvo, Augusto César Lima e Silva, Eduardo Eugênio de Toledo, Maria Joana Duarte Caetano, Michelle Harumi Matsushita, Yumi Sasa, Roberto Bacchi e Sara Quenzer Matthiesen* desenvolveram a "Oficina pedagógica: Uma tarde na pista de atletismo" no dia 28 de setembro de 2004, das 14 às 16:00 horas como parte do evento *CONVERSAS COM QUEM GOSTA DE ATLETISMO III*, promovido pelo Projeto do Núcleo de Ensino da UNESP- "Atletismo se aprende na escola: oficinas pedagógicas" do Departamento de Educação Física da UNESP-Rio Claro.

Rio Claro, 28 de setembro de 2004.

Profa. Dra. Sara Quenzer Matthiesen
Coordenadora geral do evento

Curso muito bom.

unesp

UNIVERSIDADE ESTADUAL PAULISTA – INSTITUTO DE BIOCIÊNCIAS
DEPARTAMENTO DE EDUCAÇÃO FÍSICA

CERTIFICADO

Certifico para fins de direito que ***ADRIANO PERCIVAL CALVO*** e ***SARA QUENZER MATTHIESEN*** ministraram a Oficina Pedagógica: "Introdução aos arremessos e lançamentos em aulas de Educação Física" realizada no dia 10 de novembro de 2004, das 18 às 20:00 horas como parte do evento *CONVERSAS COM QUEM GOSTA DE ATLETISMO III*, promovido pelo Projeto do Núcleo de Ensino da UNESP- "Atletismo se aprende na escola: oficinas pedagógicas" do Departamento de Educação Física da UNESP-Rio Claro.

Rio Claro, 10 de novembro de 2004.

Profa. Dra. Sara Quenzer Matthiesen
Coordenadora geral do evento

Curso (ministrante)

FESC
Fundação Educacional São Carlos
Prefeitura Municipal de São Carlos

Curso (ministrante)

DECLARAÇÃO

Declaro, para os devidos fins que **Adriano Percival Calvo** ministrou o Curso "Atletismo se Aprende na Escola", oferecido pela Secretaria Municipal de Educação e Cultura, sob a coordenação da Escola Municipal de Governo/FESC da Prefeitura Municipal de São Carlos, no período de 20 de Agosto à 10 de Setembro de 2005, com carga horária de 32 horas.

São Carlos, 24 de outubro de 2005

Profa. Dra. Elisete Silva Pedrazzani
Coordenadora de Ensino
Escola Municipal de Governo

Rua São Sebastião, 2828 CEP 13560-230 São Carlos SP
Fone/fax: (16) 3372 1325 | 3372 1308
email: fescpmsc@terra.com.br | fesc@saocarlos.sp.gov.br

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ISSN 1980-6574

Motriz
Revista de Educação Física - UNESP
Volume 13 • Número 2 • Suplemento 1 • Mai/Ago 2007

Curso (ministrante) IIa

V Congresso Internacional de Educação Física e Motricidade Humana e XI Simpósio Paulista de Educação Física

Programa

27.04.2007 Sexta-feira

8h00 às 12h00
Recepção e credenciamento

14h00 às18h00
Workshop
Xadrez na escola: estratégias recreativas
Provedora: Profa. Dra. Gisele Maria Schwartz - LEL/IB/UNESP
Palestrante: Profa. Danielle Ferreira Christofoletti

Workshop
Temas transversais na escola e na Educação Física: uma perspectiva teórico-prática
Provedoras: Profa. Dra. Suraya Cristina Darido e Profa. Dra. Irene Conceição Andrade Rangel - LETPEF/IB/UNESP

Workshop
Atividade física e envelhecimento: capacidade funcional e saúde mental
Provedor: Prof. Dr. Sebastião Gobbi - LAFE/IB/UNESP
Prof. Ms. Leandro Ferreira (LAFE, PROFIT,

Workshop
Metodologia para análise genética de caracteres quantitativos em gêmeos
Provedor: Prof. Dr. Eduardo Kokubun - LEES/IB/UNESP
Palestrante: Prof. Marcos Roberto Queiroga UNICENTRO – Guarapuava/PR e Laboratório de Exercício, Esporte e Saúde - LEES/UNESP)

Workshop
Coordenação motora e suas formas de avaliação
Provedora: Profa. Dra. Ana Maria Pellegrini - LABORDAM/IB/UNESP
Profa. Dra. Cynthia Y. Hiraga, Msdo. Adriano Percival Calvo, Msda. Angélica da Rocha Diz, Msdo. Bruno Nascimento Alleoni e Msdo. Daniel Traina Gama (LABORDAM/UNESP).

Workshop
Psicologia do esporte aplicada a atletas de alto nível
Provedor: Prof. Dr. Afonso Antonio Machado - LEPESPE/IB/UNESP
Prof. Msd. Henrique L. Botura, Prof. Msd.

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REPÚBLICA FEDERATIVA DO BRASIL

UNIVERSIDADE ESTADUAL PAULISTA
"JÚLIO DE MESQUITA FILHO"

"CAMPUS DE RIO CLARO"
INSTITUTO DE BIOCIÊNCIAS
DEPARTAMENTO DE EDUCAÇÃO FÍSICA

CERTIFICADO

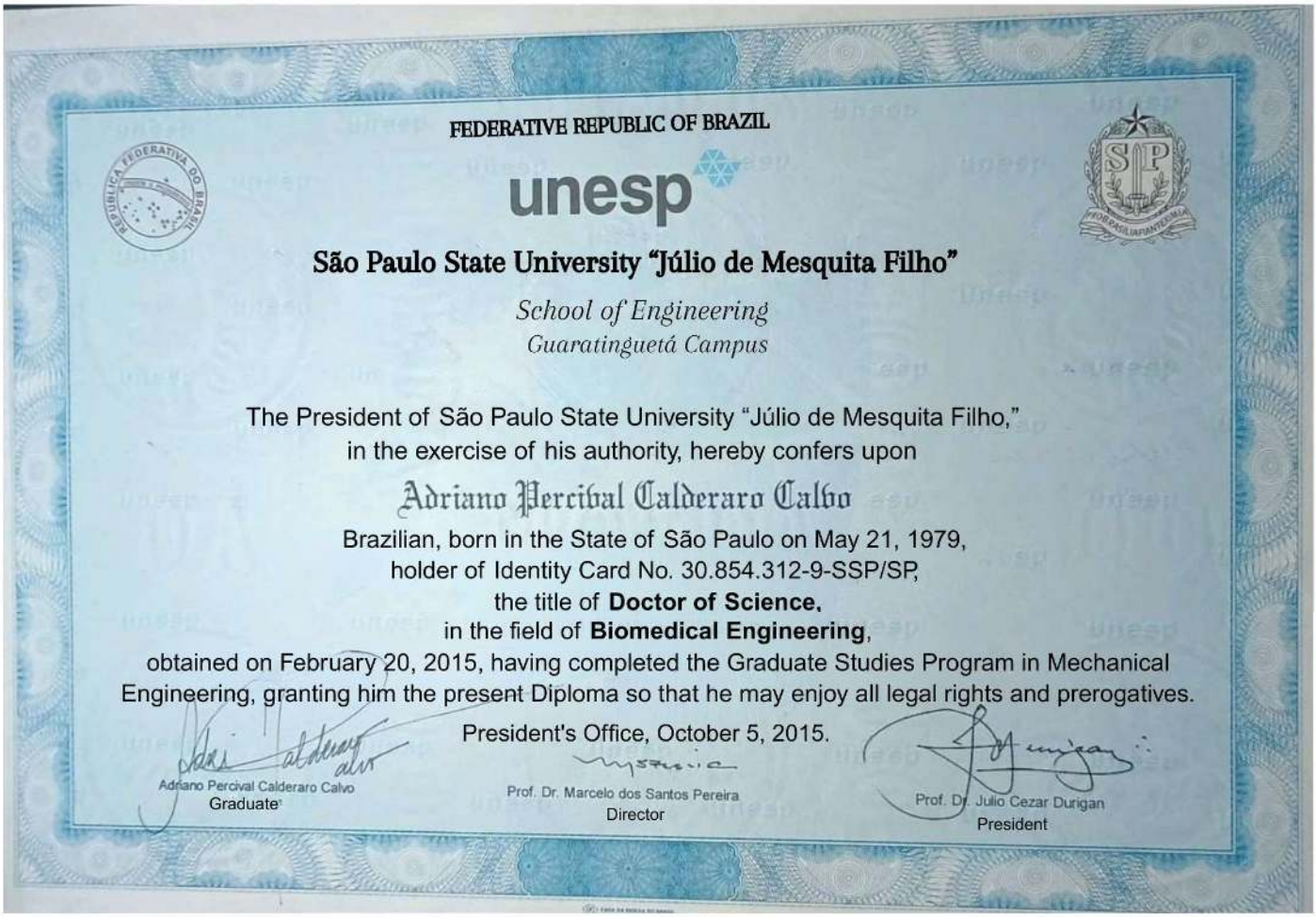
Certificamos para fins de direito que, **Ana Maria Pellegrini, Cythia Y. Hiraga, Adriano Percival Calvo, Maria Angélica da Rocha Diz, Bruno Nascimento Alleoni, Daniel Traina Gama** e **Pámela Bellan**, proferiram o Workshop intitulado **"COORDENAÇÃO MOTORA E SUAS FORMAS DE AVALIAÇÃO"**, no **V Congresso Internacional de Educação Física e Motricidade Humana e XI Simpósio Paulista de Educação Física**, realizado em Rio Claro - SP, no período de 27 a 30 de abril de 2007, com carga horária total de 4 horas.

Rio Claro, 30 de abril de 2007.

PROF. DR. AMILTON FERREIRA
Diretor do Instituto de Biociências

PROF. DR. WILSON DO CARMO JR
Chefe do Depto de Educação Física

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FEDERATIVE REPUBLIC OF BRAZIL

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São Paulo State University "Júlio de Mesquita Filho"

School of Engineering
Guaratinguetá Campus

The President of São Paulo State University "Júlio de Mesquita Filho,"
in the exercise of his authority, hereby confers upon

Adriano Percival Calderaro Calvo

Brazilian, born in the State of São Paulo on May 21, 1979,
holder of Identity Card No. 30.854.312-9-SSP/SP,
the title of **Doctor of Science,**
in the field of **Biomedical Engineering**,
obtained on February 20, 2015, having completed the Graduate Studies Program in Mechanical Engineering, granting him the present Diploma so that he may enjoy all legal rights and prerogatives.

President's Office, October 5, 2015.

Adriano Percival Calderaro Calvo
Graduate

Prof. Dr. Marcelo dos Santos Pereira
Director

Prof. Dr. Julio Cezar Durigan
President

The program was recognized by Ministerial Ordinance No. 1077, dated 08/31/2012, published in the Federal Official Gazette on 09/03/2012, and republished on 09/13/2012.

The title conferred by this Diploma was approved by the University Council on 09/02/2015.

SÃO PAULO STATE UNIVERSITY
"JÚLIO DE MESQUITA FILHO"
GENERAL SECRETARIAT
ACADEMIC RECORDS GROUP

Diploma registered under No. 39491
Process No. 720/18/01/2015, following provisions of Article 48 of Law 9394/1996.
São Paulo, 10/05/2015.

Vitor da Silva Palacios
Head of the Academic Records Group

In accordance,

Prof. Dr. Maria Dalva Silva Pagotto
General Secretary

SÃO PAULO STATE UNIVERSITY
"JÚLIO DE MESQUITA FILHO"
GENERAL SECRETARIAT
ACADEMIC RECORDS GROUP

This document, issued by São Paulo State University "Júlio de Mesquita Filho," is authentic.
São Paulo, 10/05/2015.

SÃO PAULO STATE UNIVERSITY
"JÚLIO DE MESQUITA FILHO"

Academic Records Group
Responsible Official

Vitor da Silva Palacios

No. 038472

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana **Date: August 25, 2025.**



República Federativa do Brasil

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Universidade Estadual Paulista "Júlio de Mesquita Filho"

Faculdade de Engenharia

Câmpus de Guaratinguetá

O Reitor da Universidade Estadual Paulista "Júlio de Mesquita Filho",
no uso de suas atribuições, confere a

Adriano Percival Calderaro Calvo

de nacionalidade brasileira, natural do Estado de São Paulo, nascido a 21 de maio de 1979,
portador da cédula de identidade RG nº 30.854.312-9 — SSP/SP,
o título de Doutor em Ciências,
Área de Engenharia Biomédica,
obtido em 20 de fevereiro de 2015, por ter concluído o Programa de Pós-graduação em Engenharia Mecânica,
outorgando-lhe o presente Diploma, para que possa usufruir de todos os direitos e prerrogativas legais.
Reitoria, 05 de outubro de 2015.

Adriano Percival Calderaro Calvo
Diplomado

Prof. Dr. Marcelo dos Santos Pereira
Diretor

Prof. Dr. Julio Cezar Durigan
Reitor

Programa reconhecido pela Portaria Ministerial nº 1077, de 31/08/2012, publicada no D.O.U. de 03/09/2012, republicada em 13/09/2012.

O título conferido pelo presente Diploma foi homologado pela Congregação em 02/09/2015.

UNIVERSIDADE ESTADUAL PAULISTA
"JÚLIO DE MESQUITA FILHO"
SECRETARIA GERAL
GRUPO DE REGISTROS ACADÊMICOS

Diploma registrado sob n.º 39491
Processo nº 720/18/01/2015, de acordo com o disposto no artigo 48 da Lei 9394/1996.
São Paulo, 05/10/2015.

Vitor da Silva Palacios
Responsável pelo GRA

De acordo.

Profa. Dra. Maria Dalve Silva Pagotto
Secretária Geral

UNIVERSIDADE ESTADUAL PAULISTA
"JÚLIO DE MESQUITA FILHO"
SECRETARIA GERAL
GRUPO DE REGISTROS ACADÊMICOS

O presente documento, expedido pela Universidade Estadual Paulista "Júlio de Mesquita Filho" é autêntico.
São Paulo, 05/10/2015.

UNIVERSIDADE ESTADUAL PAULISTA
"JÚLIO DE MESQUITA FILHO"
RESPONSÁVEL PELO
GRUPO DE REGISTROS ACADÊMICOS

Vitor da Silva Palacios

Nº 038472



RIO DE JANEIRO STATE UNIVERSITY
OFFICE OF THE VICE-PRESIDENT FOR GRADUATE STUDIES AND RESEARCH
DEPARTMENT FOR THE PROMOTION OF GRADUATE EDUCATION

PR2

CERTIFICATE

I hereby certify that ADRIANO PERCIVAL CALDERARO CALVO *has completed a postdoctoral internship, under the supervision of* PAULO DE TARSO VERAS FARINATTI *in the Graduate Program in* EXERCISE AND SPORT SCIENCES, *during the period from* 10/01/2021 *to* 12/31/2022, *developing the project*

PHYSIOLOGICAL EFFECTS IN PILOTS CAUSED BY AEROBATIC MANEUVERS

Rio de Janeiro, MAY 9, 2023.

LUIS ANTONIO CAMPINHO PEREIRA DA MOTA
Vice-President for Graduate Studies and Research

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana **Date: August 25, 2025.**

UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO
PRÓ-REITORIA DE PÓS-GRADUAÇÃO E PESQUISA
DEPARTAMENTO DE FOMENTO AO ENSINO PARA GRADUADOS

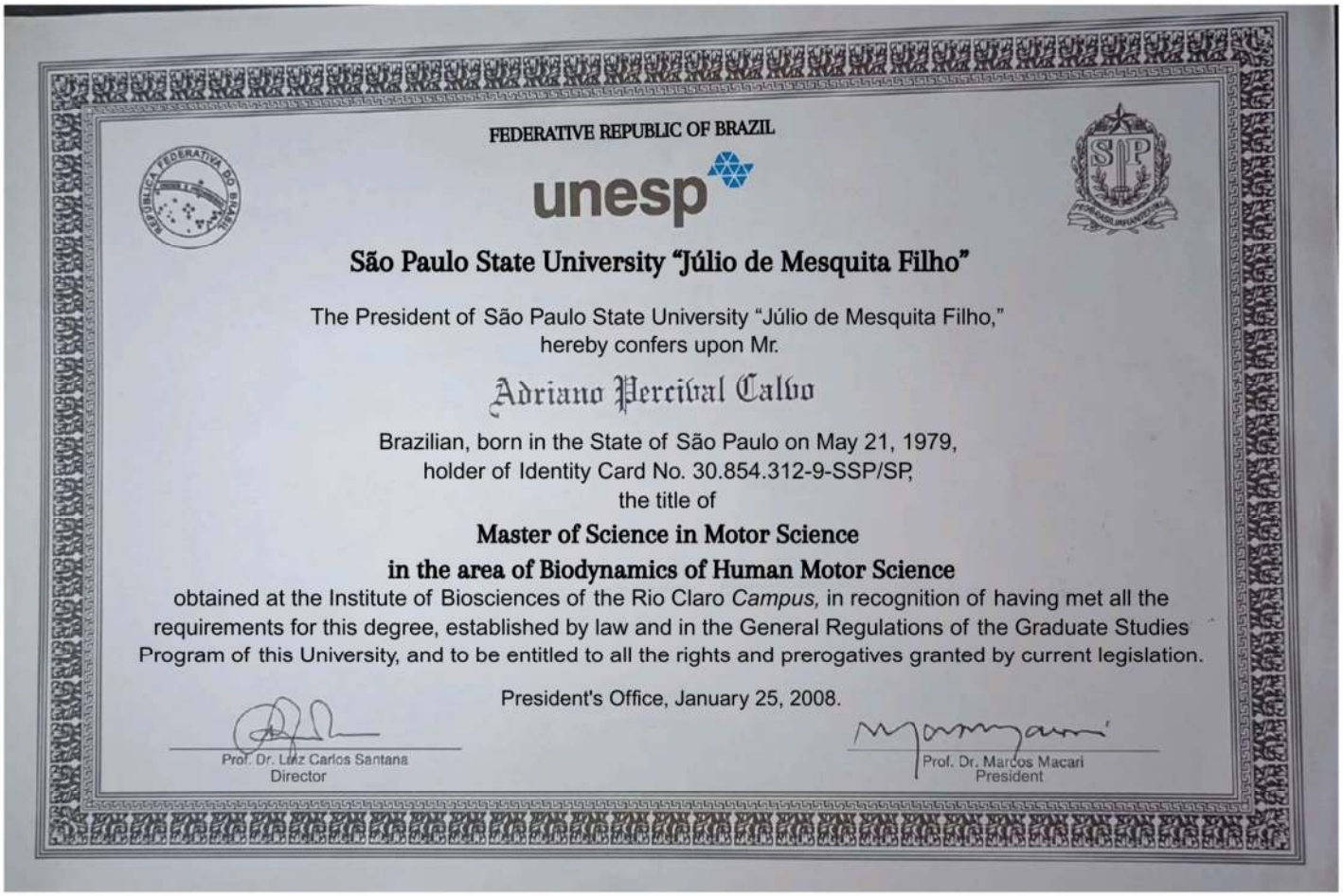
CERTIFICADO

Certifico que ADRIANO PERCIVAL CALDERARO CALVO cumpriu estágio de pós-doutoramento, sob a orientação de PAULO DE TARSO VERAS FARINATTI, no Programa de Pós-Graduação em CIÊNCIAS DO EXERCÍCIO E DO ESPORTE, no período de 01/10/2021 a 31/12/2022, desenvolvendo o projeto

EFEITOS FISIOLÓGICOS EM PILOTOS PROVOCADOS POR MANOBRAS AÉREAS ACROBÁTICAS

Rio de Janeiro, 09 de MAIO de 2023.

LUIS ANTONIO CAMPINHO PEREIRA DA MOTA
PRÓ-REITOR DE PÓS-GRADUAÇÃO E PESQUISA



FEDERATIVE REPUBLIC OF BRAZIL

unesp

São Paulo State University "Júlio de Mesquita Filho"

The President of São Paulo State University "Júlio de Mesquita Filho,"
hereby confers upon Mr.

Adriano Percival Calbo

Brazilian, born in the State of São Paulo on May 21, 1979,
holder of Identity Card No. 30.854.312-9-SSP/SP,
the title of

Master of Science in Motor Science

in the area of Biodynamics of Human Motor Science

obtained at the Institute of Biosciences of the Rio Claro *Campus,* in recognition of having met all the requirements for this degree, established by law and in the General Regulations of the Graduate Studies Program of this University, and to be entitled to all the rights and prerogatives granted by current legislation.

President's Office, January 25, 2008.

Prof. Dr. Luiz Carlos Santana
Director

Prof. Dr. Marcos Macari
President

The program was recognized by Ministerial Ordinance No. 2878, dated 08/24/2005, published in the Federal Official Gazette on 08/0262005

Institute of Biosciences
Rio Claro *Campus*
The title conferred by this Diploma was approved at the Congregation meeting held on August 15, 2007.

Rio Claro, January 25, 2008.

Prof. Dr. Luiz Carlos Santana
Director

SÃO PAULO STATE UNIVERSITY
"JÚLIO DE MESQUITA FILHO"
GENERAL SECRETARIAT
ACADEMIC RECORDS GROUP

Diploma registered under No. 18055
Process No. 1172/28101/2005
following provisions of Article 48 of Law 9394/1996.
São Paulo, 02 / 27 / 2008.

Raquel Schiavon Benatti
Administrative Technical Assistant

In accordance,

Prof. Dr. Maria Dalva Silva Pagotto
General Secretary

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by me, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana **Date: August 26, 2025.**



República Federativa do Brasil

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Universidade Estadual Paulista "Júlio de Mesquita Filho"

O Reitor da Universidade Estadual Paulista "Júlio de Mesquita Filho",
confere ao Senhor

Adriano Percival Calvo

nacionalidade brasileira, natural do Estado de São Paulo, nascido a 21 de maio de 1979,
cédula de identidade RG nº 30.854.312-9-SSP/SP,

o título de

Mestre em Ciências da Motricidade
na Área de Biodinâmica da Motricidade Humana

obtido junto ao Instituto de Biociências do *Campus* de Rio Claro, tendo em vista que satisfez a todas as exigências pertinentes a esse grau, estabelecidas em lei e no Regimento Geral da Pós-graduação desta Universidade e para que possa gozar de todos os direitos e prerrogativas concedidos pela legislação vigente.

Reitoria, 25 de janeiro de 2008.

Prof. Dr. Luiz Carlos Santana
Diretor

Prof. Dr. Marcos Macari
Reitor

Programa reconhecido de acordo com o disposto na Portaria Ministerial n.º 2.878, de 24/08/2005, publicada no D.O.U. de 26/08/2005.

Instituto de Biociências
Campus de Rio Claro

O título conferido pelo presente Diploma foi homologado na reunião da Congregação, realizada em 15 de agosto de 2007.

Rio Claro, 25 de janeiro de 2008.

Prof. Dr. Luiz Carlos Santana
Diretor

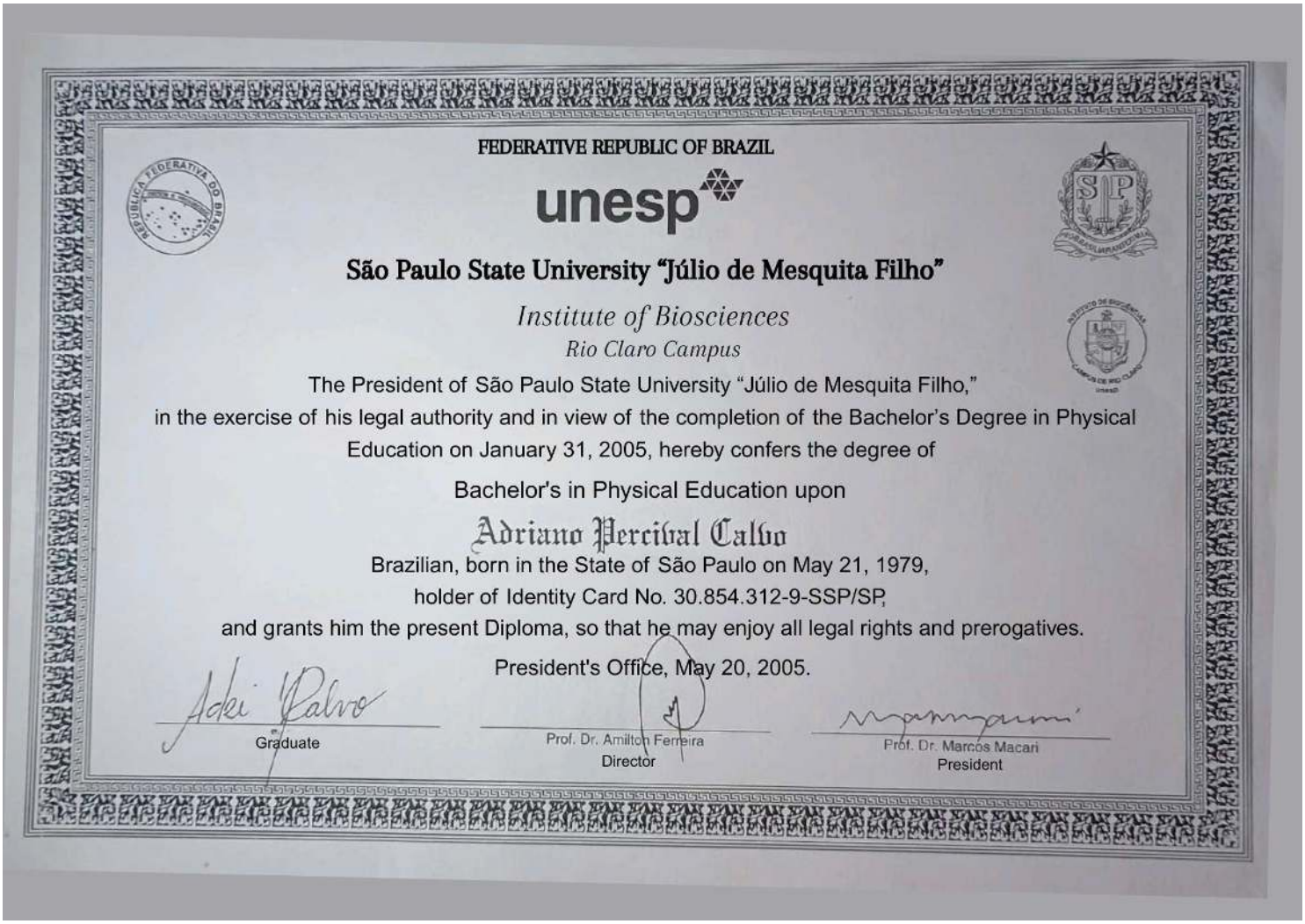
UNIVERSIDADE ESTADUAL PAULISTA
"JÚLIO DE MESQUITA FILHO"
SECRETARIA GERAL
GRUPO DE REGISTROS ACADÊMICOS

Diploma registrado sob n.º 18055
Processo n.º 1172/28101/2005
de acordo com o disposto no artigo 48 da Lei 9394/1996.
São Paulo, 27 / 02 / 2008

Raquel Schiavon Benatti
Assistente Técnico Administrativo

De acordo.

Profa. Dra. Maria Dalva Silva Pagotto
Secretária Geral



FEDERATIVE REPUBLIC OF BRAZIL

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São Paulo State University "Júlio de Mesquita Filho"

Institute of Biosciences

Rio Claro Campus

The President of São Paulo State University "Júlio de Mesquita Filho,"
in the exercise of his legal authority and in view of the completion of the Bachelor's Degree in Physical Education on January 31, 2005, hereby confers the degree of

Bachelor's in Physical Education upon

Adriano Percival Calvo

Brazilian, born in the State of São Paulo on May 21, 1979,
holder of Identity Card No. 30.854.312-9-SSP/SP,
and grants him the present Diploma, so that he may enjoy all legal rights and prerogatives.

President's Office, May 20, 2005.

Graduate

Prof. Dr. Amilton Ferreira
Director

Prof. Dr. Marcos Macari
President

Bachelor's Degree in Physical Education recognized by MEC Ordinance No. 356 and CEE/GP No. 292, dated 06/14/1988, and August 21, 2002, published in the Official Gazette of 06/16/1998 and 08/22/2002.

Institute of Biosciences
Rio Claro *Campus*

The holder of this diploma graduated on March 18, 2005.
The diploma issuance control number is 075/05, at this University Unit.

Rio Claro, May 20, 2005.

Sonia Cibeli Gardezani Cunha Kleiner
Section Supervisor

Profa. Dra. Maria Aparecida Marin Morales
Division Technical Director

SÃO PAULO STATE UNIVERSITY
"JÚLIO DE MESQUITA FILHO"
GENERAL SECRETARIAT
ACADEMIC RECORDS GROUP

Diploma registered under No. 0104814
Process No. 1172/28/01/2005
in accordance with Article 48 of Law 9394/96.
São Paulo, 01 / 16 / 2006.

Raquel Schiavon Benatti
Administrative Technical Assistant

In accordance,

Prof. Dr. Maria Dalva Sila Ragotto
General Secretary

MEC - Ministry of Education
CEE/GP - State Board of Education/Presidency

I, Marina Viana Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Marina Viana **Date: August 25, 2025.**



República Federativa do Brasil

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Universidade Estadual Paulista "Júlio de Mesquita Filho"

Instituto de Biociências

Campus de Rio Claro

O Reitor da Universidade Estadual Paulista "Júlio de Mesquita Filho",
no uso de suas atribuições legais e tendo em vista a conclusão do Curso de Licenciatura em Educação Física
em 31 de janeiro de 2005, confere o grau de

Licenciado em Educação Física a

Adriano Percival Calvo

nacionalidade brasileira, natural do Estado de São Paulo, nascido a 21 de maio de 1979,
cédula de identidade RG nº 30.854.312-9-SSP/SP

e outorga-lhe o presente Diploma, a fim de que possa gozar de todos os direitos e prerrogativas legais.

Reitoria, 20 de maio de 2005.

Diplomado

Prof. Dr. Amilton Ferreira
Diretor

Prof. Dr. Marcos Macari
Reitor

Curso de Licenciatura em Educação Física reconhecido pelas Portarias MEC nº 358 e CEE/GP nº 292, de 14/06/1988 e 21/08/2002, publicadas no D.O. de 16/06/1988 e 22/08/2002.

Instituto de Biociências
Campus de Rio Claro

O portador do presente diploma colou grau em 18 de março de 2005.
O controle de expedição do diploma recebeu o n.º 075/05, nesta Unidade Universitária.

Rio Claro, 20 de maio de 2005.

Sonia Cibeli Gardezani Cunha Kleiner
Supervisora de Seção

Profa. Dra. Maria Aparecida Marin Morales
Diretora Técnica de Divisão

UNIVERSIDADE ESTADUAL PAULISTA
"JÚLIO DE MESQUITA FILHO"
SECRETARIA GERAL
GRUPO DE REGISTROS ACADÊMICOS

Diploma registrado sob n.º 0104814
Processo n.º 1172/28/01/2005
de acordo com o disposto no artigo 48 da Lei 9394/96.
São Paulo, 16 / 01 / 2006.

Raquel Schiavon Benatti
Assistente Técnico Administrativo

De acordo.

Profa. Dra. Maria Dalva Silva Pagotto
Secretária-Geral

ECE Educational Credential Evaluators®
101 West Pleasant Street Suite 200
Milwaukee, WI 53212 USA
ECE.org

COURSE BY COURSE EVALUATION REPORT

Name: Adriano P C CALVO
Date of Birth: 21 May 1979

Reference: J55835
Report Date: 11 December 2024

Purpose: Employment, Immigration, and Professional Licensure
Evaluation report based on original and/or authenticated educational documents.

U.S. Equivalent Summary

- High school diploma
- Bachelor degree, major area of study: Physical Education
- Master degree, major area of study: Biodynamics and Human Movement Science
- Doctorate degree, major area of study: Biomedical Engineering

1. **U.S. Equivalence:** High school diploma

Credential:	Professional Title of Técnico em Processamento de Dados (Technician in Data Processing)
Institution:	Escola de Primeiro e Segundo Grau "Maria Augusta Ribeiro Daher"
Institution Status:	Equivalent of U.S. regional academic accreditation
Country:	Brazil
Date:	1996

2. **U.S. Equivalence:** Bachelor degree, major area of study: Physical Education
Grade Average: 2.96

Credential:	Degree of Licenciado em Educação Física (Licentiate in Physical Education)
Institution:	Universidade Estadual Paulista "Júlio de Mesquita Filho"
Institution Status:	Equivalent of U.S. regional academic accreditation
Country:	Brazil
Date:	2005
Admission Requirement:	U.S. equivalent of a high school diploma
Comments:	This credential prepares the holder to teach physical education in secondary school in this country.

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Courses	U.S. Credits	U.S. Grades
Biology	2.50	A
Introduction to the Theory of Physical Education & Human Motricity	2.50	B
General Human Anatomy	2.00	B
Introduction to Movement Education	2.50	B
Rhythmic Activities & Dance	2.50	A
Fundamentals of Athletics	2.50	A
Philosophy	2.00	C
Anatomy of the Neuromotor Apparatus	2.50	C
Growth & Development	2.50	C
Physical Activities & Basic Exercises	2.50	B
Fundamentals of Sports & Rhythmic Gymnastics	2.50	B
Philosophy of Education	2.50	C
History of Brazilian Education	2.50	B
General Human Physiology	2.00	C
Playful Activities	2.50	B
Fundamentals of Swimming	2.50	B
Fundamentals of Artistic Gymnastics	2.50	A
Kinesiology	2.50	C
Health Education	2.50	A
Developmental Psychology	2.50	B
Structure & Functioning of Elementary & High School	2.50	B
Statistics	2.50	C
Physiology of Human Systems	2.00	C
Neurophysiological Basis of Human Motricity	2.00	C
Expressive Activities	2.50	B
Fundamentals of Handball	2.50	B
Fundamentals of Volleyball	2.50	C
Research Methods & Techniques in Physical Education & Human Motricity	2.50	B
Psychology of Education	2.50	B
Early Childhood Education & Elementary School	2.50	B
Theoretical-Practical Basis of Physical Conditioning *(4)*	2.50	B

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Courses	U.S. Credits	U.S. Grades
Physical Education Programs in Elementary & High School (4)	2.50	B
Sociology (4)	2.00	A
Measurements & Evaluation in Physical Education & Human Motricity (4)	2.50	C
Emergency First Aid (4)	2.50	C
Child Physical Education (4)	2.50	B
Sociology of Education (4)	2.50	A
Didactics of Physical Education (4)	2.50	C
Teaching Practice I (Theory) (4)	2.50	C
Adapted Physical Education (4)	2.50	B
Learning & Motor Control (4)	2.50	C
Advanced Studies in School Physical Education (4)	2.50	A
Methods & Techniques of Qualitative Research on Situated Phenomenon (4)	2.50	A
Teaching Practice III (Special Projects) (4)	2.50	B
Nutrition & Physical Activity (4)	2.50	B
Acrobatic Trampoline (4)	2.50	B
Teaching Practice IV (Special Projects) (4)	2.50	A
Course Final Paper (4)	6.25	A
Teaching Practice II (Internships) (4)	5.00	B
Total semester hours of undergraduate credit:	125.75	

(4) Upper level course

3. **U.S. Equivalence:** Master degree, major area of study: Biodynamics and Human Movement Science

Grade Average: 3.31

Credential: Title of Mestre em Ciências da Motricidade (Master of Motor Sciences) in Biodinâmica da Motricidade Humana (Biodynamics of Human Motricity)

Institution: Universidade Estadual Paulista "Júlio de Mesquita Filho"

Institution Status: Equivalent of U.S. regional academic accreditation

Country: Brazil

Date: 2008

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Courses	U.S. Credits	U.S. Grades
Statistics Applied to Motricity	2.00	A
Memory, Attention, & Automation of Motor Skills	2.00	B
Signal Processing Applied to Motor Behavior	2.00	B
Motor Control	2.00	B
Visual Perception & Action Control	2.00	A
Methodologies for the Kinematic Analysis of Human Movement	3.00	B
Dissertation: "Variation in finger force production focusing on graphic and written production"	34.00	P
Total semester hours of graduate credit:	47.00	

4. **U.S. Equivalence:** Doctorate degree, major area of study: Biomedical Engineering
   Grade Average: 4.00
   Credential: Title of Doutor em Ciências (Doctor in Sciences) in Engenharia Biomédica (Biomedical Engineering)
   Institution: Universidade Estadual Paulista "Júlio de Mesquita Filho"
   Institution Status: Equivalent of U.S. regional academic accreditation
   Country: Brazil
   Date: 2015

Courses	U.S. Credits	U.S. Grades
Kinematics & Dynamics of the Human Body	1.00	A
Instrumentation in Biomechanics	1.00	A
Occupational Biomechanics	1.00	A
Statistics for Small Samples	1.00	A
Thesis: "Acute Effect on Kinetic Parameters in Static and Dynamic Tasks Due to the Use of Proprioceptive Insole"	44.00	P
Total semester hours of graduate credit:	48.00	

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Milwaukee, WI 53212 USA
ECE.org

5. **U.S. Equivalence:** Non-credit study

Credential:	Certificado (Certificate), Program de Pós-Graduação em Ciências do Exercício e do Esporte (Postgraduate Program in Exercise and Sports Sciences)
Institution:	Universidade do Estado do Rio de Janeiro
Country:	Brazil
Date:	2022

• • •

Margaret L. Wenger
Senior Director of Information and Knowledge

- End of Report -

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Educational Credential Evaluators (ECE) is a private, nonprofit organization. We are a charter member of the National Association of Credential Evaluation Services (NACES), an organization founded in 1987 in the United States to promote excellence in the field of credential evaluation. NACES® member organizations demonstrate the highest ethical and professional standards of practice through a rigorous membership process.

ECE® reports identify the local equivalent of foreign educational credentials. Our reports are prepared by qualified professional staff, supported by a library of more than 35,000 publications dealing with international and comparative education and more than 350,000 sample educational credentials.

Our reports are statements solely of educational equivalence. We do not make judgments regarding an individual's English proficiency or eligibility for professional licensure, certification, or registration.

Where appropriate, ECE® reports indicate that the academic study was completed at an institution or program that has comparable recognition. This status means that the institution's academic programs and individual courses merit reciprocal recognition by other educational institutions, government agencies, and employers. Official academic recognition differs from one country to another; most countries grant academic recognition through a ministry of education or other governmental agency.

We report the quantity of post-secondary academic study completed in another country as semester hours of credit and secondary academic study as annual units. Our reports represent one year of full-time academic study typically as 5 to 7 annual units for secondary, 30 to 32 semester hours for undergraduate study, and 12 to 24 semester hours for graduate study. Because educational institutions are autonomous, they will accept only those credits or units that meet their degree or diploma requirements. Therefore, the number of credits or units accepted for transfer may be lower than the number of credits or units on an ECE® report.

GRADES

Grades (marks) are converted to the A, B, C, D, F (4-point) grading scale used around the world. Plus (+) and minus (-) grading symbols are not used because they denote a level of grading precision that is not possible to achieve when one grading system is converted to another.

Grade	Points	Description
A	4	Excellent
B	3	Very good
C	2	Average
D	1	Below average
F	0	Failure

Grades not included in the grade average		
Absent	-	Absent from course or exam
Ex	-	Exempt
I	-	Incomplete
IP	-	In progress
P	-	Pass on a pass/fail basis
S	-	Satisfactory completion of academic work where actual grades were not reported or where the grade was "S" on a satisfactory/unsatisfactory basis
Tr	-	Transfer credit granted
W	-	Withdrawn

Grade averages are calculated by dividing the total number of grade points earned by the total number of credits attempted. See example below.

8 credits with A (x 4) = 32 points
8 credits with B (x 3) = 24 points
5 credits with C (x 2) = 10 points
6 credits with D (x 1) = 6 points
Total 27 credits and 72 points

Divide points by credits to calculate grade average:
72 ÷ 27 = 2.67

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Date: February 11, 2025
TEC Number: **002052247**
Name on Application: **CALVO, Adriano P C**
Name on Documentation: **CALVO, Adriano Percival**
Date of Birth: May 21, 1979
Type of Evaluation: Teacher's Course Analysis

CREDENTIALS SUMMARY

Recommended U.S. Equivalency: Bachelor's degree in education with a concentration in physical education from a regionally-accredited institution of higher education

Total U.S. Credits and Cumulative Grade Point Average:	**125.50**	**2.96**

Credential I of I

Country of Study: Brazil
Institution: Universidade Estadual Paulista Júlio de Mesquita Filho
(Julio de Mesquita Filho Paulista State University)
Foreign Credential: Grau de Licenciado, 2005
(Degree of Licentiate)
Program of Study: Physical Education
Length of Program: 4 years beyond elementary-secondary education
Dates of Attendance: 2000-2004
Verification: Authenticated
Recommended U.S. Equivalency: ***Bachelor's degree in education with a concentration in physical education from a regionally-accredited institution of higher education***

COURSE ANALYSIS

Grade Conversion:

Original Grade	9.00 - 10.00	7.00 - 8.99	5.00 - 6.99	0.00 - 4.99
U.S. Grade	4.00/A	3.00/B	2.00/C	0.00/F

L = Lower Division **U = Upper Division** **G= Graduate**

SUBJECT	U.S. CREDITS	U.S. GRADES
HUMANITIES AND SOCIAL SCIENCES		
Developmental Psychology	2.50 L	3.00/B
Philosophy	2.00 L	2.00/C
Sociology	2.00 U	4.00/A
MATHEMATICS		
Statistics	2.50 L	2.00/C
SCIENCE AND TECHNOLOGY		
Anatomy of the Neuromotor Apparatus	2.50 L	2.00/C

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Biology	2.50 L	4.00/A
Emergency First-Aid	2.50 U	2.00/C
General Human Anatomy	2.00 L	3.00/B
General Human Physiology	2.00 L	2.00/C
Kinesiology	2.50 L	2.00/C
Neurophysiological Basis of Human Motricity	2.00 L	2.00/C
Physiology of Human Systems	2.00 L	2.00/C
EDUCATION		
Early Childhood Education and Elementary School	2.50 U	3.00/B
Growth and Development	2.50 L	2.00/C
Health Education	2.50 L	4.00/A
History of Brazilian Education	2.50 L	3.00/B
Introduction to Movement Education	2.50 L	3.00/B
Learning and Motor Control	2.50 U	2.00/C
Measurements and Evaluation in Physical Education and Human Motricity	2.50 U	2.00/C
Philosophy of Education	2.50 L	2.00/C
Psychology of Education	2.50 U	3.00/B
Sociology of Education	2.50 U	4.00/A
Structure and Functioning of Elementary and High School	2.50 L	3.00/B
Teaching Practice I (Theory)	2.50 U	2.00/C
Teaching Practice II (Internships)	5.00 U	3.00/B
Teaching Practice III (Special Projects)	2.50 U	3.00/B
Teaching Practice IV (Special Projects)	2.50 U	4.00/A
FIELD OF STUDY: PHYSICAL EDUCATION		
Acrobatic Trampoline-Opt.	2.50 U	3.00/B
Adapted Physical Education	2.50 U	3.00/B
Advanced Studies in School Physical Education-Opt.	2.50 U	4.00/A
Child Physical Education	2.50 U	3.00/B
Course Final Paper	6.00 U	4.00/A
Didactics of Physical Education	2.50 U	2.00/C
Expressive Activities	2.50 U	3.00/B
Fundamentals of Artistic Gymnastics	2.50 L	4.00/A
Fundamentals of Athletics	2.50 L	4.00/A
Fundamentals of Handball	2.50 U	3.00/B
Fundamentals of Sports Rhythmic Gymnastics	2.50 L	3.00/B
Fundamentals of Swimming	2.50 L	3.00/B
Fundamentals of Volleyball	2.50 U	2.00/C
Introduction to the Theory of Physical Education and Human Motricity	2.50 L	3.00/B
Method and Technique of Qualitative Research on Situated Phenomenon-Opt.	2.50 U	4.00/A
Nutrition and Physical Activity-Opt.	2.50 U	3.00/B
Physical Activities and Basic Exercises	2.50 L	3.00/B
Physical Education Programs in Elementary and High School	2.50 U	3.00/B
Playful Activities	2.50 L	3.00/B
Research Methods and Techniques in Physical Education and Human Motricity	2.50 U	3.00/B
Rhythmic Activities and Dance	2.50 L	4.00/A
Theoretical-Practical Basis of Physical Conditioning	2.50 U	3.00/B
U.S. Credits and Cumulative Grade Point Average	***125.50***	***2.96***

Comments:

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The Evaluation Company is a member of the National Association of Credential Evaluation Services (NACES). This evaluation is advisory only.

All documentation submitted to TEC is reviewed internally. At a minimum, TEC requires authentication of the highest post-secondary academic credential per country of study as well as professional credentials from most countries. TEC also requires authentication of secondary school credentials from Vietnam, Dominican Republic, Haiti, and all member countries of the West African Examinations Council. As of the original issuance of this evaluation, verification of authenticity is not possible for most credentials from Afghanistan, Cuba, Eritrea, Gaza Strip, Libya, Myanmar, Sudan, Syria, Ukraine, and Yemen. Any exceptions will be noted in the body of this report.

Records pertaining to this file will be retained until January 30, 2030

Issuing Office - Houston, TX

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General Information and Policy Statements for Services

Located in Houston, Texas, New York, New York, Miami, Florida (intake office), and Los Angeles, California (intake office). The Evaluation Company referred to herein as *TEC,* provides academic credential evaluations, verification, and translations. TEC was incorporated in Texas in 1989, and joined the National Association of Credential Evaluation Services (NACES®) as a regular member in 1996.

TEC does not discriminate on the basis of race, disability, religion, gender, national origin, or age. However, as a private company not supported by any governmental or public funds, TEC retains the right to decline to provide services according to internal business practices and policies.

TEC retains evaluations and translations for five years from the date of file initiation. Questions regarding completed services must be submitted in writing within 30 calendar days of the date the evaluation was issued. Questions submitted after 30 calendar days must be submitted in writing, and accompanied by a non-refundable revision fee of $50.00. This fee covers administrative costs and does not guarantee that any modifications will be made to the evaluation.

Credential Evaluation Policies

The U.S. government does not set standards for the evaluation of foreign educational credentials. TEC bases its evaluations on extensive in-house research, information gained through participation in professional development opportunities, and on-line and print resources. TEC is a member of NACES® but evaluation methodologies and outcomes vary among NACES member organizations. The recipient retains the right to accept, modify, or reject the recommendation(s) listed on the evaluation.

TEC does not knowingly evaluate falsified or altered documents. In cases of confirmed forgeries, TEC shares this information with NACES member organizations and notifies other entities as deemed appropriate.

General Analysis evaluations state recommended U.S. equivalency/ies and establish recognition/accreditation. Course Analysis evaluations additionally list coursework with a converted U.S. grade and credit value for each course, and a cumulative grade point average. Divisional Course Analysis evaluations provide the same information and also indicate the course level as follows: L = lower level (required prerequisites and entry-level undergraduate coursework), U = upper level (advanced-level undergraduate coursework), and G = graduate level (beyond undergraduate level coursework). Engineering and Teacher Course Analysis evaluations group courses by category. Nursing Course Analysis evaluations provide the same information as Divisional Course Analysis evaluations, and also include clinical and/or practical training if listed on the submitted documentation.

Course Analysis evaluations include recommended U.S. semester credit hours. In the U.S., one semester credit hour requires a minimum of 15 contact hours of theoretical instruction or 30 to 45 contact hours of laboratory and/or practical instruction per semester. A typical student enrolled in full-time studies in U.S. higher education earns approximately 30 semester credit hours per academic year.

TEC converts foreign academic credits, units, hours, etc. into U.S. semester credit hours regardless of the number of foreign credits, units, hours earned or completed. Courses may be assigned a lower number of U.S. semester credit hours than the applicant expects to receive; some courses may receive only one or two credits while others may receive no credit at all. Evaluations state the total recommended credit hours and may list courses for which no U.S. credit is recommended.

Foreign grades are converted to U.S. letter grades based on the 4.00 system. Letter grade values are generally: A = 4.00, A- = 3.67, B+ = 3.33, B = 3.00, B- = 2.67, C+ = 2.33, C = 2.00, C- = 1.67, D+ = 1.33, D = 1.00, D- = 0.67/D-, F = 0.00. A grade point average/GPA is a weighted average by which recommended credits per course are multiplied by the 4.00-based grade per course arriving at quality points. The total number of quality points are then divided by the total number of attempted credits. TEC lists the equivalent grade per course, including failures, incomplete, withdrawn, and pass grades. Failures are included in grade point average calculation. In cases of pass/fail grades, pass grades are awarded credit but not factored into the grade point average. If a specific course is attempted multiple times, the evaluation only includes the first and final attempts. The cumulative grade point average/CGPA will reflect both grades.

EXPLANATORY LEGEND AND AUTHENTICITY STATEMENT APPEAR ON FINAL PAGE

ADRIANO PERCIVAL CALDERARO CALVO

Email | percivalcalvo.fab@gmail.com
Phone | +55 (12) 98858-5760

I hold a Bachelor's degree in Physical Education with a Teaching License and have 20 years of experience, including work in early childhood education, elementary levels I and II, high school, undergraduate and postgraduate programs, as well as in academic and scientific activities. I have expertise in motor pedagogy, motor learning, applied biomechanics, and exercise physiology in extreme environments. My academic background includes a Master's degree in Motor Science, a Ph.D. in Sciences (Biomedical Engineering), a postdoctoral fellowship in Exercise and Sport Science, and a visiting professor internship on performance in extreme environments, and I am also a certified data processing technician. I have received awards for cultural activities applied within pedagogical contexts, and for academic excellence at the Air Force University. I am one of the authors of the book "Athletics is learned at school," published in two editions, and 28 peer-reviewed articles published in electronic journals. Additionally, over the past 15 years I have supervised eight master's students and 30 undergraduate thesis projects. My main skills include (i) biomechanics (surface electromyography, force platform, body balance, vertical jump, biological data processing), (ii) applied biostatistical analysis, (iii) kinesiology and applied physiology (sport science, human performance, physical education, high altitude and hypoxia)

WORK EXPERIENCE

ACADEMIC POSITIONS

1. **NAVAL MEDICAL RESEARCH UNIT - NAMRU (DAYTON, OH – U.S.)** 2024 - 2025
   VISITING PROFESSOR IN EXTREME HUMAN PERFORMANCE
   - Conducting biological data processing, conducting statistical analyses, preparing reports, preparing scientific articles

2. **AIR FORCE COMMAND – AIR FORCE UNIVERSITY** 2019 - 2025
   PROFESSOR OF HIGHER EDUCATION
   - Graduate Professor in Operational Human Performance
     - Student advising, research supervision, lecturing, student assessments related to program subjects, organization and management of class records, scientific advising, conducting biological data processing, conducting statistical analyses, preparation of reports, preparation of scientific articles, preparation of scientific texts, and development of research projects.
     - Total number of completed master's advisements: 8

   1. Allan Pedro Nichele. Analysis of Specific Training on Flight Fatigue Symptoms and Musculoskeletal Pain during the Basic Training of Aviation Cadets at the Air Force Academy. 2022.
   2. Cristiano David Leite. Study on the manifestation of Temporomandibular Disorder in Brazilian Air Force military personnel. 2021.
   3. Danielle Filippo de Lemos. Performance of Fighter Pilot Officers in the Hypobaric Chamber Throughout their Careers: Relations with Anthropometric and Physiological Parameters Based on Records from the Institute of Aerospace Medicine. 2021.
   4. Eduardo Augusto Montenegro Duque. Effects of a High-Intensity Military Functional Training Program on Physical Fitness, Musculoskeletal Symptoms, and Symptoms Related to Fatigue in T-27 Instructors at the Brazilian Air Force Academy. 2021.
   5. Adriano Joaquim dos Santos. Characterization of Physical Performance and Physiological Demand of Military Personnel Undergoing Operational Training Courses of the Airborne Rescue Squadron. 2021.
   6. Edson Koury do Nascimento. Analysis of Cardiovascular Autonomic Responses of Military Pilots during a Sequence of Aerobatic Maneuvers. 2021.
   7. Lucio Mauro Campos Silva Junior. Correlation between Anaerobic Physical Performance and Specific Combat Tasks in APHT Operators at the Brazilian Air Force. 2021.

3. **FEDERAL UNIVERSITY OF SÃO PAULO** 2018 - 2019
   PROFESSOR OF HIGHER EDUCATION

- Technical collaborator at the Institute of Science and Technology
  - Supervision of postgraduate students, conducting biological data processing, conducting statistical analyses, preparing reports, preparing scientific articles

4. **FEDERAL UNIVERSITY OF MATO GROSSO** 2013 - 2019

PROFESSOR OF HIGHER EDUCATION

- Professor at the School of Physical Education
  - Undergraduate student supervision, teaching classes, student assessments related to program subjects, organization and management of class records, conducting biological data processing, conducting statistical analyses, preparing reports.
  - Completed master's advisements: 1

1. Fernanda Gabriella Pedroso Marques. IFMT Games: What are the school performance and motivations of participating students? 2019. *(IFMT: Federal Institute of Education, Science and Technology of Mato Grosso)*

5. **UNIVERSITY OF VALE DO PARAIBA** 2009 - 2013

PROFESSOR OF HIGHER EDUCATION

- Professor at the School of Education and Arts
  - Undergraduate student supervision, teaching classes, student assessments related to program subjects, organization and management of class records.
  - Undergraduate thesis advisements: 30

1. Bianca Mendes da Mota. The benefits of Pilates as physical preparation for professional Classical Dancers. 2012.
2. Camila Maringo. Understanding Developmental Coordination Disorder. 2012.
3. Gabriela Marcondes. Proposal of a Physical Assessment Test Battery for Talent Identification in Futsal. 2012.
4. Bruno Akira. Oversight of Physical Education Classes in Schools by the responsible government bodies: CONFEF/CREF and CNE. 2012. *(CONFEF:* Federal Council of Physical Education */ CREF:* Regional Council of Physical Education / CNE: National Council of Education)
5. Giovanni Machado. Resistance Training for Injury Prevention in Road Running. 2012.
6. Camila Aparecida Silva. Futsal: Motor Development of Children in School Physical Education. 2012.
7. Adriana Danielle da Silva. DIDACTIC NOTEBOOK IN SCHOOL PHYSICAL EDUCATION. 2012.
8. Edilson Rodrigues Rezende. General Gymnastics: a way to make school Physical Education Classes more engaging. 2012.
9. Marly Monteiro de Carvalho. General Gymnastics in School Physical Education. 2012.
10. Daniela Marcia de Oliveira dos Santos. Dance for people with disabilities in São José dos Campos. 2012.
11. Wallace Ferreira. Pre-competitive emotional stress in schoolchildren participating in training groups from state schools in São José dos Campos. 2012.
12. Lilison Silva. Motor Development as an ally to Pedagogical Approaches in School Physical Education. 2012.
13. Ana Carolina Medeiros de Menezes / André Luiz Vieira. Are Schools preparing to deal with hypokinetic diseases? 2011.
14. Guilherme de Andrade Bassi / Jonel Rodrigues dos Santos et al. Asthma, school, physical activity, and school Physical Education. 2011.
15. André Luiz Tristão. Games and Playfulness: focusing on activities for 6-year-old children. 2011.
16. Emerson Marinho Souza da Silva. Motor Coordination in childhood as a foundation for adult life. 2011.
17. Vinícius Maciel. Physical Capacities and Motor Behavior in judo and jiu-jitsu. 2010.
18. Marcio Rosa Muniz and Luiz Fernando Ferreira. Stigmas of Physical Detraining. 2010.
19. Daniela F. Santos; Luba D. F. Santos; Silvana de S. Pereira. Training Methods and Techniques for the Gluteal Muscles. 2010.
20. Rodney Kotesky; Aridmir L. Oliveira; and Ronaldo M. da Fonseca. Analysis of the Center of Mass of Athletes during attack in Volleyball. 2010.
21. Luis Otávio Guerra Sanches; and Samuel Pompeo Lima. Injuries in rodeo practitioners: incidence of ailments in bull riders. 2010.
22. Aline Blanque; Pâmela R. dos Santos; Fernanda C. Fratus. Body Awareness. 2010.
23. Saulo R. F. Lopes; Jander V. M. Lazaroni; Flávio G. Nunes. Training Methods and Programs for the Elderly. 2010.
24. Nathalie Isaura Ramos; Luiza Viola Romani. Comparative study of handgrip strength between handball athletes and non-athletes. 2010.
25. Fernanda Rodrigues de Almeida; Juliana Apda. de Vilas Boas. Anterior Cruciate Ligament Injury: importance of pre-surgical resistance training. 2010.

26. Mariana Angélica de S. Campos; Halana Ferraz Santos. Stress resulting from training in child judokas. 2010.
27. Germano de Souza; Carlos Eduardo Dias Ferreira. Core Training: a new way of strengthening for performance improvement and quality of life. 2010.
28. Elisandra Martins Maioli; Fernanda Rodrigues Pereira de Souza. Injury rate among gym instructors working in fitness centers. 2010 .
29. Vicente Antonio de Faria Junior. Soccer player: dream and reality. 2010.
30. Valdemar de Araújo; Weyllon R. Duarte; and Julio C. de Almeida. The Football pass for children aged 11 to 12 years. 2010.

MEMBER OF THE EDITORIAL BOARD

6. MOTRIZ – PHYSICAL EDUCATION JOURNAL (E-ISSN: 1980-6574) 2023 - PRESENT
   ASSOCIATE EDITOR

OTHER POSITIONS

7. SÃO PAULO STATE DEPARTMENT OF EDUCATION 2006 - 2011
   BASIC EDUCATION TEACHER
   - Teaching school physical education classes, student assessments related to course subjects, organization and management of class records

8. BRAZILIAN ARMY 1998 - 1998
   SECOND CLASS PRIVATE

EDUCATION

POSTDOCTORATE IN EXERCISE AND SPORT SCIENCE [CAPES 4.0]
(CAPES: Coordination for the Improvement of Higher Education Personnel)
STATE UNIVERSITY OF RIO DE JANEIRO (UERJ)
RIO DE JANEIRO, RIO DE JANEIRO, BRAZIL
2021 - 2022

PH.D. IN SCIENCES (BIOMEDICAL ENGINEERING AREA) – [CAPES/MEC: 5.0]
(MEC: Ministry of Education)
COLLEGE OF ENGINEERING OF GUARATINGUETÁ
JULIO DE MESQUITA FILHO STATE UNIVERSITY OF SÃO PAULO
GUARATINGUETÁ, SÃO PAULO, BRAZIL
2011 - 2015

MASTER'S DEGREE IN HUMAN MOTOR SCIENCE [CAPES/MEC: 5.0]
JULIO DE MESQUITA FILHO STATE UNIVERSITY OF SÃO PAULO
RIO CLARO, SÃO PAULO, BRAZIL
2005–2007

BACHELOR'S DEGREE IN PHYSICAL EDUCATION [ENADE/MEC: 5.0; CC/MEC: 4.0]
(ENADE: National Student Performance Exam)
EQUIVALENCE: BACHELOR IN PHYSICAL EDUCATION WITH TEACHING LICENSE
SÃO PAULO STATE UNIVERSITY JULIO DE MESQUITA FILHO
RIO CLARO, SÃO PAULO, BRAZIL
2001-2005

DATA PROCESSING TECHNICIAN
MARIA RIBEIRO RIBEIRO DAHER SCHOOL
JACAREÍ, SÃO PAULO, BRAZIL
DECEMBER/1996

MAIN COURSES / SEMINARS

- **SPEAKER**

1. **I SEMINAR ON NATIONAL DEFENSE RESEARCH** (RIO DE JANEIRO) 11/2023. Title: Temporomandibular Disorder in Air Traffic Controllers: prevalence and effects.

- **PRESENTATION OF STUDIES AT SCIENTIFIC EVENTS**

1. Incidence of Simulator Sickness in Brazilian Aviation Cadets using Flight Trainers: preliminary results. 2024.
2. PREVALENCE OF MUSCULOSKELETAL SYMPTOMS IN AVIATION CADETS AND THEIR IMPLICATIONS. 2023.
3. RELATIONSHIP BETWEEN PERFORMANCE ON THE TACTICAL CIRCUIT TRACK AND PHYSICAL CAPACITIES IN TACTICAL PRE-HOSPITAL CARE OPERATORS OF THE BRAZILIAN AIR FORCE. 2023.
4. CHARACTERIZATION OF THE PHYSIOLOGICAL DEMAND OF THE BRAZILIAN AIR FORCE COMMAND COURSE. 2023.
5. Prevalence of Fatigue in Female Cadets at the Air Force Academy and its relationship with Performance in the Fitness and Conditioning Test. 2023.
6. Hypobaric Hypoxia Tolerance of Aircrew: successive exposure. 2023.
7. Metabolic adaptations in Brazilian jet pilots. 2023.
8. Qualitative Analysis of Gastrocnemius EMG during AGSM. 2023.
9. Ergonomic Aspects in the C-105 Cockpit in the presence of the Electronic Flight Bag. 2023.
10. Effect of Fatigue on Physical Performance of Male Cadets at the Air Force Academy. 2023.
11. Temporomandibular Disorder, Psychological Distress, and Masticatory Muscles of Air Traffic Controllers: electromyographic analyses. 2023.
12. ANALYSIS OF THE EMG SIGNAL OF THE GASTROCNEMIUS DURING TWO 30-SECOND AGSM SESSIONS. 2022.
13. Electromyography of facial muscles of Military Air Traffic Controllers (ATCO) of the Brazilian Air Force during simulator exercises. 2021.
14. Study of the manifestation of temporomandibular dysfunction in brazilian Air Force Military personnel. 2021.
15. Functional muscle fatigue of cadets in a force simulator of the t-27 Tucano aircraft. 2021.
16. Exploratory Readings on Operational Performance of Aircrew subjected to successive Hypoxia trainings. 2021. (Work presentation/Other).
17. Prediction of Lower Back Pain in Brazilian Air Force Helicopter Pilots through Isometric Muscle Endurance of the Lumbopelvic Region. 2021.
18. The Effect of Specific Physical Training on Musculoskeletal Symptoms and Fatigue Among Brazilian T-27 Flight Instructors. 2021. (Work Presentation/Symposium).
19. Lumbopelvic muscle endurance asymmetry predicts low back pain intensity in Helicopter Pilots from Brazilian Air Force.?. 2021.
20. OCCUPATIONAL PROFILE OF THE OPERATOR OF AIR DEFENSE SYSTEMS OF THE BRAZILIAN AIR FORCE. 2021.
21. Study of the manifestation of temporomandibular dysfunction in Brazilian Air Force Military personnel. 2020.
22. THREE WEEKLY PHYSICAL EXERCISE SESSIONS: COMPARISON OF BODY COMPOSITION AND BASAL METABOLIC RATE AMONG ELDERLY BASED ON PHYSICAL ACTIVITY. 2019.
23. PEREIRA, C.H.C.N.; CALVO, ADRIANO PERCIVAL CALDERARO ; URBAN, M.F.R.; PROCOPIO, L. ; ZANGARO, R. ; CARVALHO, R. A.. Dynamic Balance and Muscle Activity of individuals with Lower Limb Amputation using Prostheses. 2019.

24. KNEE EXTENSOR STRENGTH ASYMMETRY IDENTIFIED BY DIFFERENT DYNAMIC PARAMETERS. 2017.
25. ANALYSIS OF FORCE PRODUCTION RESTRICTION IMPOSED BY BOOT USE IN THE COUNTERMOVEMENT JUMP. 2017.
26. RELATIONSHIP BETWEEN MAXIMUM STRENGTH AND STRENGTH ENDURANCE IN ISOMETRIC EXERCISES WITH UPPER LIMBS. 2017.
27. ASSOCIATION BETWEEN THE TAPPING TEST AND VERTICAL JUMPS. 2017.
28. EFFECTS OF THE DURATION OF ADDITIONAL SOMATOSENSORY INFORMATION ON POSTURAL CONTROL: THE PROJECT. 2014.
29. THE INFLUENCE OF INSOLE USE ON THE ORTHOSTATIC BALANCE OF A PATIENT WITH MULTIPLE SCLEROSIS. 2014.
30. PLANTAR SOMATOSENSORY STIMULATION ASSOCIATED WITH RESISTANCE TRAINING INTERVENTION: IMPROVEMENTS OBSERVED IN THE ORTHOSTATIC BALANCE OF AN OBESE AND DIABETIC PATIENT? CASE STUDY. 2014.
31. CASE STUDY: ORTHOSTATIC BALANCE OF AN OBESE WOMAN WITH TYPE 2 DIABETES SUBMITTED TO 8 WEEKS OF RESISTANCE TRAINING. 2014.
32. EFFECT OF RESISTANCE TRAINING ON THE ORTHOSTATIC BALANCE OF A PATIENT WITH MULTIPLE SCLEROSIS - CASE STUDY. 2014.
33. EFFECTS OF BALLROOM DANCE PRACTICE ON UNIPODAL BALANCE IN ELDERLY WOMEN PARTICIPATING IN THE HEALTHY LONGEVITY PROGRAM FEF/UFMT. 2014. (*FEF: School of Physical Education / UFMT: Federal University of Mato Grosso)*
34. EFFECTS OF BALLROOM DANCE PRACTICE ON AGILITY AND LOWER LIMB MUSCLE STRENGTH IN ELDERLY WOMEN PARTICIPATING IN THE HEALTHY LONGEVITY PROGRAM FEF/UFMT. 2014.
35. IS THERE A CORRELATION BETWEEN ORTHOSTATIC BALANCE AND POSTURE IN HEARING-IMPAIRED INDIVIDUALS? THE PROJECT. 2014.
36. EFFECTIVENESS OF PROPRIOCEPTIVE INSOLES ON UNIPODAL BALANCE ON THE DOMINANT LOWER LIMB FOR SUPPORT IN HEALTHY ADULTS. 2014.
37. EFFECT OF RESISTANCE TRAINING BASED ON TYPE OF FOOTWEAR (BAREFOOT, CONVENTIONAL, PROPRIOCEPTIVE) ON THE ORTHOSTATIC BALANCE OF AN INDIVIDUAL WITH MULTIPLE SCLEROSIS. 2014.
38. EFFECTIVENESS OF PROPRIOCEPTIVE INSOLES ON UNIPODAL BALANCE ON THE NON-DOMINANT LOWER LIMB FOR SUPPORT IN HEALTHY ADULTS. 2014.
39. Proprioceptive Insole improves Unipodal Balance on the Non-Dominant Lower Limb of Healthy Adults. 2013.
40. EFFECTIVENESS OF PROPRIOCEPTIVE INSOLES ON UNIPODAL BALANCE IN YOUNG ADULTS: PRELIMINARY RESULTS. 2013.
41. Assessment of writing quality in children with and without motor difficulties. 2007.
42. Kinetic and kinematic characteristics of poor and good handwriting. 2007.
43. Are writing difficulties associated with motor difficulties? 2007.
44. Workshop: Motor Coordination and its Forms of Assessment. 2007
45. Athletics in school Physical Education classes: comparison between two studies conducted with UNESP - Rio Claro University Students. 2005. *(UNESP: São Paulo State University)*
46. II Seminar of Studies and Research in Physical Education Professional Training. 2004
47. VI Scientific Initiation Symposium. 2004
48. Conversation with those who like Athletics III. 2004

49. XXVI International Symposium on Sports Science. 2003
50. VII São Paulo State Congress on educator training: theories and practices - images and projects. 2003
51. V Scientific Initiation Symposium of the Rio Claro Campus. 2002.

PROFESSIONAL LICENSE

- **Regional Council of Physical Education (CREF 11)**
  - Mato Grosso and Mato Grosso do Sul Region
  - CREF: 003131 – G/MT
  - Status: inactive

- **Regional Council of Physical Education (CREF 1)**
  - Rio de Janeiro Region
  - CREF: RJ-058995
  - Status: inactive
  - .
- **Regional Council of Physical Education (CREF 4)**
  - São Paulo Region
  - CREF: 059159 - G/SP
  - Status: inactive

AWARDS AND HONORS

- **UNIFA PROFESSIONAL DISTINCTION 2022 – ACADEMIC**
  AIR FORCE UNIVERSITY, RIO DE JANEIRO, RIO DE JANEIRO, BRAZIL
  Institutional selection among employees with the same position.

- **AWARDS FOR THE PROJECT: Art to Humanize Traffic**
  Through a dance performance that highlighted the importance of traffic laws at no cost to public school students in the region, presented monthly in various theaters and cinemas in the area. I participated as one of the dancers in this extension project developed at UNESP during my undergraduate Physical Education studies.

  i. **QUALITY BRASIL MERCOSUL**, INTERNATIONAL QUALITY SERVICE – I.Q.S. 2003.
  ii. **TOP SOCIAL AWARD ADVB 2002**, ADVB - ASSOCIATION OF SALES AND MARKETING EXECUTIVES IN BRAZIL.
  iii. **HONORABLE MENTION - COMPANY CATEGORY**, XIII VOLVO TRAFFIC SAFETY AWARD. 2002.

PUBLISHED BOOKS

i. MATTHIESEN, S. Q. ; CALVO, A. P. ; SILVA, A. C. L. ; GEMENTE, F. R. F. . Athletics is Learned at School. **2nd ed**. Jundiaí: Fontoura, 2009. Vol. 1. 128 pages.

ii. MATTHIESEN, S. Q. ; CALVO, A. P. ; FAGANELLO, F. R. ; SILVA, A. C. L. E. . Athletics is Learned at School. **1st ed**. Jundiaí: Fontoura, 2005. Vol. 1. 128 pages.

PUBLISHED BOOK CHAPTERS

i. CALVO, ADRIANO PERCIVAL CALDERANO. Development of a Dynamic Model as an Evaluative Activity in the Kinesiology Course: Experience Report. In: Evando Carlos Moreira; Raquel Stoilov Pereira (Ed.). Good practices in professional training in physical education. 1st ed. Curitiba / PR: Appris, 2021, vol. 1, pp. 1-1.

ii. MATTHIESEN, S. Q.; CALVO, A. P.; SILVA, A. C. L. E.; FAGANELLO, F. R.. Athletics is learned at school: The UNESP/Rio Claro Teaching Center Project 2003. In: Teaching Centers of Unesp - Publication 2006 -. (Ed.). Teaching Centers of Unesp. 1st ed. São Paulo: UNESP, 2006, vol. 1, pp. 587-611.

iii. MATTHIESEN, S. Q.; CALVO, A. P. Athletics is learned at school: Pedagogical Workshops. In: Teaching Centers of Unesp (Ed.). Teaching Centers of Unesp - Publication 2006. 1st ed. São Paulo: UNESP, 2006, vol. 1, pp. 611-618.

PUBLISHED ARTICLES

Articles Accepted for Publication: English Language [2 papers]

i. CALVO, ADRIANO P. C.. Health Risk Factors and Lifestyle: a comparison between Brazilian athletes and non-athletes. BRAZILIAN JOURNAL OF PHYSICAL ACTIVITY AND HEALTH, 2025.

ii. CALVO, ADRIANO PERCIVAL CALDERARO; FILIPPO, D.. Hypobaric Hypoxia in Aircrew: a brief review on etiology, risks, and preventive exercises. UNIFA JOURNAL, 2025.

Production List in English Language [6 papers]

iii. Silva, D. R., **CALVO**, APC., ... (2024). The application of directional preference for chronic non-specific knee pain: A pragmatic, controlled, randomized clinical trial. *Journal of Bodywork and Movement Therapies*, 40, 739–746 https://doi.org/10.1016/j.jbmt.2024.05.019

iv. David, C. L., ... **CALVO**, APC. (2024). Temporomandibular Disorder and Psychological Distress Relationships in Air Traffic Controllers. *Agulhas Negras Journal*, *8* (Special Issue), 37–49. https://doi.org/10.70545/ran.v8iEspecial.12811

v. Pires Junior, P., ... **CALVO**, APC., ... (2024). Anti-G Straining Maneuver: A Narrative Review. *Agulhas Negras Journal*, 8 (Special Issue), 26–36. https://doi.org/10.70545/ran.v8iEspecial.12810

vi. Marques, ACDF., **CALVO**, APC., ... (2023). Forearm Muscle Activity and Handgrip Profile Between Physically Active and Sedentary Older Women. *Readings: Physical Education and Sports*, 28(306), 107–122. https://doi.org/10.46642/efd.v28i306.7195

vii. Cruz, LEO., **CALVO**, APC., ... (2021). Pain and Lumbar Muscle Activation before and after Functional Task in Nonspecific Chronic Low Back Pain. *International Journal of Biomedical and Biological Engineering*, 15(6), 214–218.

viii. U Ultramari, VRLM., **CALVO**, APC., ... (2020). Physical and functional aspects of persons with multiple sclerosis practicing Tai-Geiko: Randomized Trial. *Clinics, 75*, e1272. https://doi.org/10.6061/clinics/2020/e1272

Production List in Spanish Language [1 paper]

i. Salinas, JAR., ... **CALVO**, APC., ... (2024). Relationship between weight training practice and handgrip strength in brazilian jiu-jitsu athletes. *Readings: Physical Education and Sports*, *28*(309), 44–55. https://doi.org/10.46642/efd.v28i309.7178

Production List in Portuguese Language [18 papers]

i. Charleaux, V., **CALVO**, APC., ... (2024). Musculoskeletal Discomfort in Brazilian Air Force Transport Pilots. *Agulhas Negras Journal*, *8*(Special Issue), 1–13. https://doi.org/10.70545/ran.v8iEspecial.12581

ii. Marques, FGP., ... **CALVO**, APC., ... (2024). Sports practice and academic performance in high school at the Federal Institute of Mato Grosso. *Connections*, 22, e024023. https://doi.org/10.20396/conex.v22i00.8671813

iii. Arcanjo, FDS., **CALVO**, APC., ... (2024). Personality Profile and Attention of Brazilian Air Defense Operators. *Psychology and Health in Debate*, *10*(1), 41–59. https://doi.org/10.22289/2446-922X.V10N1A4

iv. Duque, E., ... **CALVO**, A. (2023). Prevalence of musculoskeletal symptoms and fatigue in t-27 flight instructors of the Brazilian Air Force and associated factors. *Journal of Physical Education*, *91*(4), 310-326. https://doi.org/10.37310/ref.v91i4.2861

v. Santos, AJD., ... **CALVO**, APC., ... (2023). Characterization of physical performance and psychophysiological demand of military personnel undergoing Special Operations courses: A descriptive study. *Journal of Physical Education, 92*(1), 42–53. https://doi.org/10.37310/ref.v92i1.2918

vi. Belo Júnior, JE., ... **CALVO**, APC., ... (2022). Time of holding strength in t-27 Tucano aircraft simulator doesn't depend on maximum manual grip strength in brazilian air force cadets. *Brazilian Journal of Development, 8*(5), 40662–40676. https://doi.org/10.34117/bjdv8n5-514

vii. Valente, JMRSDP., **CALVO**, APC., ... (2021). Analysis of contrast sensitivity in military aircrew: Exploratory Study. *Brazilian Journal of Development, 7(11), 102914–102928*. https://doi.org/10.34117/bjdv7n11-083

viii. Silva, MRDS., ... **CALVO**, APC., ... (2020). Reliability of an isometric test for measuring the strength of the hip abductors and adductors. *Bioscience Journal*, *36*(3), 1043–1050. https://doi.org/10.14393/BJ-v36n3a2020-42693

ix. Silveira Júnior, JA. da; ... **CALVO**, APC., ... (2016). Sport Readiness Questionnaire focused on Musculoskeletal Injuries. *Brazilian Journal of Sports Medicine, 22*(5), 361–367. https://doi.org/10.1590/1517-869220162205159806

x. **CALVO**, AP., ... (2014). Writing quality: intervention based on variation in finger force production. Occupational Therapy Notebooks of UFSCar *(Federal University of São Carlos),* 22(2), 317–325. https://doi.org/10.4322/cto.2014.053

xi. Ribeiro, BZ., ... **CALVO**, APC. (2013). Historical evolution of women in the Olympic Games. *Readings, Physical Education and Sports, Buenos Aires, 18*, 179.

xii. **CALVO**, AP., ... (2012). Diagnosis of the content of School Physical Education: athletics in focus. *Buenos Aires Digital Journal, 164*.

xiii. **CALVO**, AP., ... (2011). Athletics is present in school physical education classes. *Readings, Physical Education and Sports: Digital Journal, Buenos Aires, Year, 16*.

xiv. Ferreira, CED., ... **CALVO**, AP., ... (2011). Core training: its applications and effects in sports. *EFDeportes.Com – Digital Journal, 16, 163*.

xv. Kotesky, R., ... **CALVO**, AP., ... (2011). CM evaluation method: Application for sports training environments: *Readings: Physical Education and Sports, 158, 201*.

xvi. Muniz, MR., ... **CALVO**, AP., ... (2011). Stigmas of physical detraining. *Digital Journal Buenos Aires, 16*(1).

xvii. Matthiesen, SQ., **CALVO**, APC., ... (2005). Athletics is learned at school. *Motricity, 1(1), 36–47*.

EVENT ORGANIZATION

Participation in committees for event organization

i. VI Seminar on Research in Operational Human Performance. 2024.

ii. I National Defense Research Seminar: Panel – Biopsychosocial Factors on Operational Performance. 2023.

iii. III Seminar on Research in Operational Human Performance. 2021.

iv. III Workshop on Exploratory Readings in Operational Human Performance. 2021.

v. II Workshop on Exploratory Readings in Operational Human Performance. 2020.

vi. II Seminar on Research in Operational Human Development. 2020.

vii. Conversations with those who like Athletics III. 2004.

viii. VIII High School Challenge. 2003.

ix. VII University Athletics Festival: Field Events. 2003.

x. III Motriz Journal Meeting. 2003.

xi. Conversations with those who like Athletics II. 2003.

xii. I Motriz Journal Meeting. 2002.

xiii. III University Athletics Festival: Field Events. 2001.

xiv. II Mini School Olympics. 2001.

VOLUNTEER WORK

- **Associate Editor of Peer-Reviewed Scientific Journal**
  - 2023 – Present: Motriz Journal: Physical Education Journal (E-ISSN: 1980-6574)

- ***Ad hoc* Reviewer for Various Scientific Journals**
  - 2018 – 2020: BODYCONSCIOUSNESS (SÃO PAULO)
  - 2022 – 2022: UNIFA JOURNAL
  - 2023 – 2023: MEIRA MATTOS COLLECTION – MILITARY SCIENCES JOURNAL (ONLINE)
  - 2024 – 2024: BODYWORK AND MOVEMENT THERAPIES JOURNAL
  - 2024 – 2024: RETOS
  - 2024 – 2024: Agulhas Negras Journal

- **São Paulo State University Júlio de Mesquita Filho** (total: 236 hours)
  Institute of Biosciences of Rio Claro, Physical Education Department
  Collaborating Link (volunteering) in university extensions
    i. **04/2002 – 06/2002:** Athletics for children – Pre-sports activities; 30 hours
    ii. **03/2002 – 06/2002:** Athletics for children; 54 hours.
    iii. **08/2001 – 02/2002:** Dance; 57 hours.
    iv. **03/2001 – 12/2001:** Resistance Exercise / Weight Training; 95 hours

OTHER SKILLS

i. **Academic-scientific in Applied Biomechanics**
   i. surface electromyography,
   ii. force and balance platform,
   iii. biological data processing,
ii. **Academic-scientific in applied Biostatistical Analyses,**
iii. **Scientific in Applied Kinesiology and Physiology**
   i. sports science,
   ii. human performance,
   iii. physical education
   iv. high altitude and hypoxia

August/2025.

I, Carolina Favero da Silva, telephone number 415 425-2508, mailing address P.O. Box 90487, San Diego, CA 92169, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.


_____ Date: August 15, 2025.

ADRIANO PERCIVAL CALDERARO CALVO

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Sou Bacharel em Educação Física com Teaching License com 20 anos de experiência incluindo atuação no ensino infantil, fundamental I e II, médio, graduação e pós-graduação, e em atividades academico-científicas. Possuo expertise sobre pedagogia da motricidade, aprendizagem motora, biomecânica aplicada, fisiologia do exercício aplicada em ambiente extremo. Minha formação contempla título de mestre em ciência da motricidade, doutor em ciências (engenharia biomédica), pós-doutorado em ciência do exercício e do esporte, e estágio de professor visitante em desempenho em ambiente extremo, e sou técnico em processamento de dados. Possuo premiações oriundas de atividades culturais aplicadas com contexto pedagógico, e de destaque academico na Universidade da Força Aérea. Sou um dos autores do livro "Atlestimo se aprende na escola", publicado em duas edições, e 28 artigos publicados em periódicos revisados por pares disponibilizados eletronicamente. Além disso, desde nos últimos 15 anos orientei oito discentes em projetos de mestrado e 30 discentes em trabalhos de conclusão de curso de graduação. Minhas principais habilidades são quanto a (I) biomecânica (eletromiografia de superficie, plataforma de força, equilibrio corporal, salto vertical, processamento de dados biologicos), (ii) análises bioestatística aplicada, (iii) cinesiologia e fisiologia aplicada (ciência do esporte, performance humana, educação física, high altitude and hipóxia)

EXPERIÊNCIA

ACADEMIC POSITIONS

1. **NAVAL MEDICAL RESEARCH UNIT - NAMRU (DAYTON, OH – U.S.)** 2024 - 2025
   VISITING PROFESSOR EM EXTREME HUMAN PERFORMANCE
   - Condução de processamento de dados biológicos, condução de análises estatísticas, elaboração de relatórios, elaboração de artigos científicos

2. **COMANDO DA FORÇA AÉREA – UNIVERSIDADE DA FORÇA AÉREA** 2019 -2025
   PROFESSOR DO MAGISTÉRIO SUPERIOR
   - Professor da Pós-graduação em Desempenho Humano Operacional
     - Orientação de discentes, supervisão de pesquisas, ministrar aulas, avaliações de discentes quanto ao curso-disciplinas, organização e gerenciamento de diário de classe, assessoria científica, condução de processamento de dados biológicos, condução de análises estatísticas, elaboração de relatórios, elaboração de artigos científicos, elaboração de textos científicos, elaboração de projetos de pesquisa.
     - Total de orientações de mestrado concluídas: 8

   1. Allan Pedro Nichele. Análise do Treinamento Específico nos Sintomas da Fadiga de Voo e Dores Osteomusculares durante Estágio Básico dos Cadetes Aviadores da Academia da Força Aérea. 2022.
   2. Cristiano David Leite. Estudo da manifestação da Disfunção Temporomandibular em militares da Força Aérea Brasileira. 2021
   3. Danielle Filippo de Lemos. Desempenho de Oficiais Aviadores de Caça na Câmara Hipobárica ao Longo da Carreira: Relações com Parâmetros Antropométricos e Fisiológicos Baseado nos Arquivos do Istituto de medicina Aeroespacial. 2021.
   4. Eduardo Augusto Montenegro Duque. Efeitos de um Programa de Treinamento Funcional Militar de Alta Intensidade sobre Aptidão Física, Sintomas Osteomusculares e Sintomas relacionadas a Fadiga de Instrutor de T-27 da Academia da Força Aérea Brasileira. 2021.
   5. Adriano Joaquim dos Santos. Caracterização da Performance Física e Demanda Fisiológica de Militares Submetidos aos Cursos de Formação Operacional do Esquadrão Aeroterrestre de Salvamento. 2021.
   6. Edson Koury do Nascimento. Análise de Respostas Autonômicas Cardiovasculares de Pilotos Militares durante sequencia de Manobras Acrobáticas. 2021.
   7. Lucio Mauro Campos Silva Junior. Correlação entre Desempenho Físico Anaeróbio e Tarefas Específicas de Combate em Operadores de APHT NA FAB. 2021.

3. **UNIVERSIDADE FEDERAL DE SÃO PAULO** 2018 - 2019
   PROFESSOR DO MAGISTÉRIO SUPERIOR

- Colaborador técnico no Instituto de Ciência e Tecnologia
  - Orientação de discentes de pós-graduação, condução de processamento de dados biológicos, condução de análises estatísticas, elaboração de relatórios, elaboração de artigos científicos

.

4. **UNIVERSIDADE FEDERAL DO MATO GROSSO** 2013 - 2019
   PROFESSOR DO MAGISTÉRIO SUPERIOR
   - Professor da Faculdade de Educação Física
     - Orientação de discentes de graduação, ministrar aulas, avaliações de discentes quanto ao curso-disciplinas, organização e gerenciamento de diário de classe, condução de processamento de dados biológicos, condução de análises estatísticas, elaboração de relatórios.
     - Orientações de mestrado concluídas: 1

1. Fernanda Gabriella Pedroso Marques. Jogos do IFMT: Qual o desempenho escolar e as motivações para os alunos participantes?. 2019.

5. **UNIVERSIDADE DO VALE DO PARAIBA** 2009 - 2013
   PROFESSOR DO MAGISTÉRIO SUPERIOR
   - Professor da Faculdade de Educação e Artes
     - Orientação de discentes de graduação, ministrar aulas, avaliações de discentes quanto ao curso-disciplinas, organização e gerenciamento de diário de classe.
     - Orientações de trabalhos de conclusão de curso: 30

1. Bianca Mendes da Mota. Os benefícios do Pilates como preparação física para Bailarinos Clássicos Profissionais. 2012.
2. Camila Maringo. Compreendendo o Transtorno do Desenvolvimento da Coordenação. 2012.
3. Gabriela Marcondes. Proposta de Bateria de Testes de Avaliação Física para Detecção de Talentos para o Futsal. 2012.
4. Bruno Akira. Fiscalização das aulas de Educação Física nas Escolas perante o órgão do governo responsável: CONFEF/CREF e CNE.. 2012.
5. Giovanni Machado. Treinamento Resistido para Prevenção de Lesões na Corrida de Rua. 2012.
6. Camila Aparecida Silva. Futsal: Desenvolvimento Motor De Crianças na Educação Física Escolar. 2012.
7. Adriana Danielle da Silva. CADERNO DIDÁTICO NA EDUCAÇÃO FÍSICA ESCOLAR. 2012.
8. Edilson Rodrigues Rezende. Ginástica Geral: uma maneira de tornar as aulas de Educação Física Escolar mais atrativas.. 2012.
9. Marly Monteiro de carvalho. Ginástica Geral na Educação Física Escolar. 2012.
10. Daniela Marcia de Oliveira dos Santos. Dança para pessoas com deficiência em São José dos Campos. 2012.
11. Wallace ferreira. O estresse emocional pré-competitivo em escolares integrantes de turmas de treinamento de escolas estaduais de São josé dos Campos. 2012.
12. Lilison Silva. Desenvolvimento Motor como aliado das Abordagens Pedagógicas da Educação Física escolar. 2012.
13. Ana Carolina Medeiros de Menezes/ André Luiz Vieira. As Escolas estão se preparando para lidar com as doenças hipocinéticas?. 2011.
14. Guilherme de Andrade Bassi/Jonel Rodrigues dos Santos et al. A asma, a escola, a atividade física e a Educação Física escolar. 2011.
15. André Luiz Tristão. Jogos e Ludicidade: focalizando ações para crianças de 6 anos de idade. 2011.
16. Emerson Marinho Souza da Silva. Coordenação Motora na infância como base na formação da vida adulta. 2011.
17. Vinícius Maciel. Capacidades Físicas e Comprtamento Motor no judô e jiu-jitsu. 2010.
18. Marcio Rosa Muniz e Luiz Fernando Ferreira. Estigmas do Destreinamento Físico. 2010.
19. Daniela F. Santos; Luba D. F. Santos; Silvana de S. Pereira. Métodos e Técnicas de Treinamento para os Glúteos. 2010.
20. Rodney Kotesky; Aridmir L. Oliveira; e Ronaldo M. da Fonseca. Análise do Centro de Massa de Atletas durante o ataque no Voleibol. 2010.
21. Luis Otávio Guerra Sanches; e Samuel Pompeo Lima. Lesões nos praticantes de rodeio: incidência de acometimentos em peões de touro. 2010.
22. Aline Blanque; Pâmela R. dos Santos; Fernanda C. Fratus. Consciencia Corporal. 2010.
23. Saulo R. F. Lopes; Jander V. M. Lazaroni; Flávio G. Nunes. Métodos e Programas de Treinamento para Idosos. 2010
24. Nathalie Isaura Ramos; Luiza Viola Romani. Estudo comparativo de força de preensão manual entre atletas de handebol e não atletas. 2010.
25. Fernanda Rodrigues de Almeida; Juliana Apda. de Vilas Boas. Lesão do Ligamento Cruzado Anterior: importância do treinamento resistido pré-cirurgicamente. 2010.

26. Mariana Angélica de S. Campos; Halana Ferraz Santos. Estresse decorrente do treinamento em crianças judocas. 2010.
27. Germano de Souza; Carlos Eduardo Dias Ferreira. Core Training: uma nova forma de fortalecimento para a melhoria de desempenho e qualidade de vida. 2010.
28. Elisandra Martins Maioli;Fernanda Rodrigues Pereira de Souza. Índice de lesões em professores de ginástica que atuam em academias. 2010.
29. Vicente Antonio de Faria Junior. Jogador de futebol: sonho e realidade. 2010.
30. Valdemar de Araújo; Weyllon R. Duarte; e Julio C. de Almeida. O passe de Futebol para crianças entre 11 e 12 anos. 2010.

MEMBER OF EDITORIAL BOARD

6. MOTRIZ – REVISTA DE EDUCAÇÃO FÍSICA (E-ISSN: 1980-6574) 2023 - PRESENTE
   EDITOR ASSOCIADO

OTHER POSITIONS

7. SECRETARIA DE EDUCAÇÃO DO ESTADO DE SÃO PAULO 2006 - 2011
   PROFESSOR DO ENSINO BÁSICO
   - Ministrar aulas de educação física escolar, avaliações de discentes quanto ao curso-disciplinas, organização e gerenciamento de diário de classe

8. EXÉRCITO BRASILEIRO 1998 – 1998
   SOLDADE DE SEGUNDA CLASSE

EDUCAÇÃO

POS DOUTORADO EM CIÊNCIA DO EXERCÍCIO E ESPORTE [CAPES 4.0]
UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO (UERJ)
RIO DE JANEIRO, RJ, BRASIL
2021 – 2022

DOUTORADO EM CIÊNCIAS (ÁREA ENGENHARIA BIOMÉDICA) – [CAPES/MEC: 5.0]
FACULDADE DE ENGENHARIA DE GUARATINGUETÁ
UNIVERSIDADE ESTADUAL PAULISTA JULIO DE MESQUITA FILHO
GUARATINGUETÁ, SP, BRASIL
2011-2015

MESTRADO EM CIÊNCIAS DA MOTRICIDADE HUMANA [CAPES/MEC: 5.0]
UNIVERSIDADE ESTADUAL PAULISTA JULIO DE MESQUITA FILHO
RIO CLARO, SP, BRASIL
2005-2007

LICENCIATURA EM EDUCAÇÃO FÍSICA [ENADE/MEC: 5.0; CC/MEC: 4.0]
EQUIVALÊNCIA: BACHAREL IN PHYSICAL EDUCATION WITH TEACHING LICENSE
UNIVERSIDADE ESTADUAL PAULISTA JULIO DE MESQUITA FILHO
RIO CLARO, SP, BRASIL
2001-2005

TÉCNICO EM PROCESSAMENTO DE DADOS
ESCOLA MARIA RIBEIRO RIBEIRO DAHER
JACAREÍ, SP, BRASIL
DEZEMBRO/1996

PRINCIPAIS CURSOS / SEMINÁRIOS

- **PALESTRANTE**

1. **I SEMINÁRIO DE PESQUISA EM DEFESA NACIONAL** (RIO DE JANEIRO) 11/2023.Título: Disturbio Temporomandibular em Controladores de Tráfego Aéreo: prevalência e efeitos

- **APRESENTAÇÃO DE ESTUDOS EM EVENTOS CIENTÍFICOS**

1. Incidência de Simulator Sickness nos Cadetes Aviadores Brasileiros utilizando Treinadores de Voo: resultados preliminares. 2024.
2. PREVALÊNCIA DE SINTOMAS MUSCULOESQUELÉTICOS EM CADETES AVIADORES E SUAS IMPLICAÇÕES. 2023.
3. RELAÇÃO ENTRE O DESEMPENHO NA PISTA DE CIRCUITO TÁTICO E CAPACIDADES FÍSICA EM OPERADORES DE ATENDIMENTO PRÉ-HOSPITALAR TÁTICO DA FORÇA AÉREA BRASILEIRA. 2023.
4. CARACTERIZAÇÃO DA DEMANDA FISIOLÓGICA DO CURSO DE COMANDOS DA FORÇA AÉREA BRASILEIRA. 2023.
5. Prevalência de Fadiga em Cadetes Mulheres da Academia da Força Aérea e suas relações com o Desempenho no Teste de Aptidão e Condicionamento Físico. 2023.
6. Tolerância à Hipóxia Hipobárica de Aeronavegantes: exposição sucessiva. 2023.
7. Metabolic adaptations in Brazilian jet pilots. 2023.
8. Análise Qualitativa de EMG do Gastrocnêmio durante a AGSM. 2023.
9. Aspectos Ergonômicos na Cabine do C-105 na presença da Mala de Voo Eletrônica. 2023.
10. Efeito da Fadiga sobre Desempenho Físico de Cadetes Homens da Academia da Força Aérea. 2023.
11. Distúrbio Temporomandibular, Sofrimento Psicológico e Músculos Mastigatórios de Controladores de Tráfego Aéreo: análises eletromiográficas. 2023.
12. ANÁLISE DO SINAL DE EMG DO GASTROCNÊMIO DURANTE DUAS SESSÕES DE 30S DE AGSM. 2022.
13. Eletromiografia de músculos faciais de Controladores Militares de Tráfego Aéreo (ATCO) da Força Aérea Brasileira durante exercícios em simulador. 2021.
14. Estudo da manifestação da disfunção temporomandibular em militares da Força Aérea Brasileira. 2021.
15. Fadiga muscular funcional de cadetes em simulador de forças da aeronave T-27 Tucano. 2021.
16. Leituras Exploratórias sobre Desempenho Operacional de Aeronavegantes submetidos a treinamentos sucessivos em Hipóxia. 2021. (Apresentação de Trabalho/Outra).
17. Predição da Dor Lombar de Pilotos de Helicóptero da Força Aérea Brasileira por meio da Resistência Muscular Isométrica da Região Lombopélvica. 2021.
18. The Effect of Specific Physical Training on Musculoskeletal Symptoms and Fatigue Among Brazilian T-27 Fligth Instructors. 2021. (Apresentação de Trabalho/Simpósio).
19. Lumbopelvic muscle endurance asymmetry predicts low back pain intensity in Helicopter Pilots from Brazilian Air Force.?. 2021.
20. PERFIL OCUPACIONAL DO LOCADOR DE DEFESA ANTIAÉREA DA FORÇA AÉREA BRASILEIRA. 2021.
21. Estudo da manifestação da disfunção temporomandibular em militares da Força Aérea Brasileira 2020.
22. TRÊS SESSÕES DE EXERCÍCIOS FÍSICOS SEMANAIS: COMPARAÇÃO DA COMPOSIÇÃO CORPORAL E DA TAXA DE METABOLISMO BASAL ENTRE IDOSOS EM FUN ÇÃO DA PRÁTICA FÍSICA. 2019.
23. PEREIRA, C. H. C. N. ; CALVO, ADRIANO PERCIVAL CALDERARO ; URBAN, M. F. R. ; PROCOPIO, L. ; ZANGARO, R. ; CARVALHO, R. A. . O Equilíbrio Dinámico y Actividad Muscular de individuos con Amputación de Miembro Inferior que usan Prótesis. 2019.

24. ASSIMETRIA DE FORÇA DE EXTENSORES DE JOELHO IDENTIFICADA POR DIFERENTES PARÂMETROS DINÂMICOS. 2017.
25. ANÁLISE DA RESTRIÇÃO DE PRODUÇÃO DE FORÇA IMPOSTA PELO USO DO COTURNO NO SALTO COM CONTRAMOVIMENTO. 2017.
26. RELAÇÃO ENTRE FORÇA MÁXIMA E RESISTÊNCIA DE FORÇA EM EXERCÍCIOS ISOMÉTRICOS COM MEMBROS SUPERIORES. 2017.
27. ASSOCIAÇÃO ENTRE TAPPING TEST E SALTOS VERTICAIS. 2017.
28. EFEITOS DO TEMPO DE PERMANÊNCIA DE INFORMAÇÃO SOMATOSSENSORIAL ADICIONAL NO CONTROLE POSTURAL: O PROJETO. 2014.
29. A INFLUÊNCIA DA UTILIZAÇÃO DE PALMILHA NO EQUILÍBRIO ORTOSTÁTICO DE UM PACIENTE COM ESCLEROSE MÚLTIPLA. 2014.
30. ESTIMULAÇÃO SOMATOSSENSORIAL PLANTAR ASSOCIADAS A INTERVENÇÃO COM TREINAMENTO RESISTIDO: MELHORIAS OBSERVADAS NO EQUILÍBRIO ORTOESTÁTICO DE UMA PACIENTE OBESA E DIABÉTICA ? ESTUDO DE CASO. 2014.
31. ESTUDO DE CASO: EQUILÍBRIO ORTOSTÁTICO DE MULHER OBESA E DIABÉTICA TIPO 2 SUBMETIDA A 8 SEMANA DE TREINAMENTO RESISTIDO. 2014.
32. EFEITO DO TREINAMENTO RESISTIDO NO EQUILÍBRIO ORTOSTÁTICO DE UM PACIENTE COM ESCLEROSE MÚLTIPLA - ESTUDO DE CASO. 2014.
33. EFEITOS DA PRÁTICA DA DANÇA DE SALÃO NO EQUILÍBRIO UNIPODAL EM IDOSAS PARTICIPANTES DO PROGRAMA LONGEVIDADE SAUDÁVEL FEF/UFMT. 2014.
34. EFEITOS DA PRÁTICA DE DANÇA DE SALÃO NA AGILIDADE E NA FORÇA MUSCULAR DE MEMBROS INFERIORES DE IDOSAS PRATICANTES DO PROGRAMA LONGEVIDADE SAUDAVEL FEF/UFMT. 2014.
35. HÁ CORRELAÇÃO ENTRE EQUILÍBRIO ORTOSTÁTICO E A POSTURA DO DEFICIENTE AUDITIVO? O PROJETO. 2014.
36. EFETIVIDADE DE PALMILHA PROPRIOCEPTIVA NO EQUILÍBRIO UNIPODAL SOBRE MEMBRO INFERIOR DOMINANTE PARA SUPORTE DE ADULTOS SAUDÁVEIS. 2014.
37. EFEITO DO TREINAMENTO RESISTIDO EM FUNÇÃO DO TIPO DE CALÇADO (DESCALÇO, CONVENCIONAL, PROPRIOCEPTIVO) NO EQUILÍBRIO ORTOSTÁTICO DE UM INDIVÍDUO COM ESCLEROSE MÚLTIPLA. 2014.
38. EFETIVIDADE DE PALMILHA PROPRIOCEPTIVA NO EQUILÍBRIO UNIPODAL SOBRE MEMBRO INFERIOR NÃO-DOMINANTE PARA SUSTENTAÇÃO DE ADULTOS SAUDÁVEIS. 2014.
39. Palmilha Proprioceptiva melhora o Equilíbrio Unipodal sobre Membro Inferior Não-dominante de Adultos Saudáveis. 2013.
40. EFETIVIDADE DE PALMILHA PROPRIOCEPTIVA NO EQUILÍBRIO UNIPODAL DE JOVENS ADULTOS: RESULTADOS PRELIMINARES. 2013.
41. Avaliação da qualidade da escrita de crianças com e sem dificuldades motoras. 2007.
42. Kinetic and kinematic characteristics of poor and good handwriting. 2007.
43. Estariam as dificuldades da escrita associadas às dificuldades motoras?. 2007.
44. Worhshop: Coordenação Motora e suas Formas de Avaliação. 2007
45. Atletismo nas aulas de Educação Física Escolar: comparação entre dois estudos realizados com universitários da UNESP - Rio Claro. 2005.
46. II Seminário de Estudos e Pesquisas em Formação Profissional da Educação Física. 2004.
47. VI Simpósio de Iniciação Científica. 2004.
48. Conversa com quem gosta de Atletismo III. 2004.

49. XXVI Simpósio Internacional de Ciências do Esporte. 2003.

50. VII Congresso Estadual Paulista sobre formação de educadores: teorias e práticas - imagens e projetos. 2003.

51. V Simpósio de Iniciação Cinetífica do Campus de Rio Claro. 2002.

LICENÇA PROFISSIONAL

- **Conselho Regional de Educação Física (CREF 11)**
  - Regional de Mato Grosso e Mato Grosso do Sul
  - CREF: 003131 – G/MT
  - Situação: inativo

- **Conselho Regional de Educação Física (CREF 1)**
  - Regional do Rio de Janeiro
  - CREF: RJ-058995
  - Situação: inativo
  - .
- **Conselho Regional de Educação Física (CREF 4)**
  - Regional de São Paulo
  - CREF: 059159 - G/SP
  - Situação: inativo

PRÊMIOS E HONRARIAS

- **DESTAQUE PROFISSIONAL UNIFA 2022 – ACADÊMICO**
  UNIVERSIDADE DA FORÇA AÉREA, RIO DE JANEIRO, RJ, BRASIL
  Seleção insitucional entre funcionários com mesmo cargo.

- **PREMIAÇÕES DO PROJETO: Arte para Humanizar o Trânsito**
  Por meio de um espetáculo de dança que explorava a importância das leis de transito sem custos para escolares de escolas publicas da região que foi apresentado mensalmente em diferentes teatros e cinemas da região. Eu atuei como um dos dançarinos do projeto de extensão desenvolvido na UNESP no meu período de graduação em Educação Física.

  i. **QUALITY BRASIL MERCOSUL**, INTERNACIONAL QUALITY SERVICE – I.Q.S. 2003.
  ii. **PREMIO TOP SOCIAL ADVB 2002**, ADVB - ASSOCIAÇÃO DOS DIRIGENTES DE VENDAS E MARKETING NO BRASIL.
  iii. **MENÇÃO HONROSA - CATEGORIA EMPRESA,** XIII PRÊMIO VOLVO DE SEGURANÇA NO TRÂNSITO. 2002.

LIVROS PUBLICADOS

i. MATTHIESEN, S. Q. ; CALVO, A. P. ; SILVA, A. C. L. ; GEMENTE, F. R. F. . Atletismo se aprende na escola. **2ª. ed.** Jundiaí: Fontoura, 2009. v. 1. 128p.

ii. MATTHIESEN, S. Q. ; CALVO, A. P. ; FAGANELLO, F. R. ; SILVA, A. C. L. E. . Atletismo se aprende na escola. **1ª. ed**. Jundiaí: Fontoura, 2005. v. 1. 128p.

CAPITULOS DE LIVROS PUBLICADOS

i. CALVO, ADRIANO PERCIVAL CALDERANO. Elaboração de Maquete Dinâmica como Atividade Avaliativa na Disciplina de Cinesiologia: relato de experiência. In: Evando Carlos Moreira; Raquel Stoilov Pereira. (Org.). Boas práticas na formação profissional em educação física. 1ed.Curitiba / PR: Appris, 2021, v. 1, p. 1-1.

ii. MATTHIESEN, S. Q. ; CALVO, A. P. ; SILVA, A. C. L. E. ; FAGANELLO, F. R. . Atletismo se aprende na escola: o Projeto do Núcleo de Ensino da UNESP/Rio Claro 2003.. In: Núcleos de Ensino da Unesp - Publicação 2006 -. (Org.). Núcleo de Ensino da UNESP. 1ed.São Paulo: UNESP, 2006, v. 1ª, p. 587-611.

iii. MATTHIESEN, S. Q. ; CALVO, A. P. . Atletismo se aprende na escola: Oficinas Pedagógicas. In: Núcleo de Ensino da Unesp. (Org.). Núcleos de Ensino da Unesp - Publicação 2006.. 1ed.São Paulo: UNESP, 2006, v. 1, p. 611-618.

ARTIGOS PUBLICADOS

Artigos aceitos para publicação: English Language [2 papers]

i. CALVO, ADRIANO P. C.. Health Risk Factors and Lifestyle: a comparison between Brazilian athletes and non-athletes. REVISTA BRASILEIRA DE ATIVIDADE FÍSICA E SAÚDE, 2025.

ii. CALVO, ADRIANO PERCIVAL CALDERARO; FILIPPO, D. . Hypobaric Hypoxia in Aircrew: a brief review on etiology, risks, and preventive exercises. REVISTA DA UNIFA, 2025.

Production List in English Language [6 papers]

iii. Silva, D. R., **CALVO**, APC., ... (2024). The application of directional preference for chronic non-specific knee pain: A pragmatic, controlled, randomized clinical trial. *Journal of Bodywork and Movement Therapies*, *40*, 739–746. https://doi.org/10.1016/j.jbmt.2024.05.019

iv. David, C. L., ... **CALVO**, APC. (2024). Temporomandibular Disorder and Psychological Distress Relationships in Air Traffic Controllers. *Revista Agulhas Negras*, *8* (Especial), 37–49. https://doi.org/10.70545/ran.v8iEspecial.12811

v. Pires Junior, P., ... **CALVO**, APC., ... (2024). Anti-G Straining Maneuver: A narrative review. *Revista Agulhas Negras*, *8*(Especial), 26–36. https://doi.org/10.70545/ran.v8iEspecial.12810

vi. Marques, ACDF, **CALVO**, APC, ... (2023). Forearm Muscle Activity and Handgrip Profile Between Physically Active and Sedentary Older Women. *Lecturas: Educación Física y Deportes*, *28*(306), 107–122. https://doi.org/10.46642/efd.v28i306.7195

vii. Cruz, LEO, **CALVO**, APC, ... (2021). Pain and Lumbar Muscle Activation before and after Functional Task in Nonspecific Chronic Low Back Pain. *International Journal of Biomedical and Biological Engineering*, *15*(6), 214–218.

viii. Ultramari, VRLM, **CALVO**, APC, ... (2020). Physical and functional aspects of persons with multiple sclerosis practicing Tai-Geiko: Randomized trial. *Clinics*, *75*, e1272. https://doi.org/10.6061/clinics/2020/e1272

Production List in Spanish Language [1 paper]

i. Salinas, JAR.,... **CALVO**, APC, ... (2024). Relación entre práctica de musculación y fuerza de prensión manual de atletas de jiu-jitsu brasileño. *Lecturas: Educación Física y Deportes*, *28*(309), 44–55. https://doi.org/10.46642/efd.v28i309.7178

Production List in Portuguese Language [18 papers]

i. Charleaux, V., **CALVO**, APC, ... (2024). Desconforto Musculoesquelético em Pilotos de Transporte da Força Aérea Brasileira. *Revista Agulhas Negras*, *8*(Especial), 1–13. https://doi.org/10.70545/ran.v8iEspecial.12581

ii. Marques, FGP, ... **CALVO**, APC, ... (2024). Prática esportiva e desempenho acadêmico no ensino médio do Instituto Federal de Mato Grosso. *Conexões*, *22*, e024023. https://doi.org/10.20396/conex.v22i00.8671813

iii. Arcanjo, FDS., **CALVO**, APC, ... (2024). Perfil de Personalidade e Atenção de Locadores da Defesa Antiaérea Brasileira. *Psicologia e Saúde em Debate*, *10*(1), 41–59. https://doi.org/10.22289/2446-922X.V10N1A4

iv. Duque, E., ... **CALVO**, A. (2023). Prevalência de sintomas musculoesqueléticos e fadiga em pilotos instrutores de T-27 da Força Aérea Brasileira e fatores associados. *Revista de Educação Física / Journal of Physical Education*, *91*(4), 310–326. https://doi.org/10.37310/ref.v91i4.2861

v. Santos, AJD, ... **CALVO**, APC, ...(2023). Caracterização de desempenho físico e demanda psicofisiológica de militares submetidos a cursos de Operações Especiais: Um estudo descritivo. *Revista de Educação Física / Journal of Physical Education*, *92*(1), 42–53. https://doi.org/10.37310/ref.v92i1.2918

vi. Belo Júnior, JE., ... **CALVO**, APC, ... (2022). Time of holding strength in T-27 Tucano aircraft simulator doesn't depend maximum manual grip strength in brazilian air force cadets. *Brazilian Journal of Development*, *8*(5), 40662–40676. https://doi.org/10.34117/bjdv8n5-514

vii. Valente, JMRSDP, **CALVO**, APC, ... (2021). Analysis of contrast sensitivity in military aircrew: Exploratory study. *Brazilian Journal of Development*, *7*(11), 102914–102928. https://doi.org/10.34117/bjdv7n11-083

viii. Silva, MRDS., ... **CALVO**, APC, ... (2020). Reliability of an isometric test for measuring the strength of the hip abductors and adductors. *Bioscience Journal*, *36*(3), 1043–1050. https://doi.org/10.14393/BJ-v36n3a2020-42693

ix. Silveira Júnior, JA da; ... **CALVO**, APC, ... (2016). Sport Readiness Questionnaire focused on Musculoskeletal Injuries. *Brazilian Journal of Sports Medicine*, *22*(5), 361–367. https://doi.org/10.1590/1517-869220162205159806

x. **CALVO,** AP, ... (2014). Qualidade da escrita: Intervenção baseada na variação da produção de força dos dedos. Cadernos de Terapia Ocupacional Da UFSCar, 22(2), 317–325. https://doi.org/10.4322/cto.2014.053

xi. Ribeiro, BZ., ... **CALVO**, APC (2013). Evolução histórica das mulheres nos Jogos Olímpicos. *Lecturas, Educación Física y Deportes, Buenos Aires*, *18*, 179.

xii. **CALVO** AP., ... (2012). Diagnóstico do conteúdo da Educação Física Escolar: O atletismo em foco. *Revista Digital Buenos Aires*, *164*.

xiii. **CALVO**, AP, ... (2011). O atletismo está presente nas aulas de educação física escolar. *Lecturas, Educación Física y Deportes: Revista Digital, Buenos Aires, Ano*, *16*.

xiv. Ferreira, CED., ... **CALVO**, AP ... (2011). Core training: Suas aplicações e seus efeitos nos esportes. *EFDeportes. Com–Revista Digital*, *16*, 163.

xv. Kotesky, R., ... **CALVO**, AP .... (2011). Método de avaliação do CM: Aplicação destinada à ambientes de treinamento desportivo. *Lecturas: Educación Física y Deportes*, *158*, 201.

xvi. Muniz, MR, ... **CALVO**, AP, ... (2011). Estigmas do destreinamento físico. *Rev. Digit. Buenos Aires*, *16*(1).

xvii. Matthiesen, SQ., **CALVO**, APC., ... (2005). Atletismo se aprende na escola. *Motricidade*, *1*(1), 36–47.

ORGANIZAÇÃO DE EVENTOS

Integração de comissões para organização de eventos

i. VI Seminário de Pesquisas em Desempenho Humano Operacional. 2024..

ii. I Seminário de Pesquisa em Defesa Nacional: Painel - Fatores biopsicossociais sobre o desempenho operacional. 2023.

iii. III Seminário de Pesquisas em Desempenho Humano Operacional. 2021.

iv. III Workshop de Leituras Exploratórias em Desempenho Humano Operacional. 2021.

v. II Workshop de Leituras Exploratórias em Desempenho Humano Operacional. 2020.

vi. II Seminário de Pesquisas em Desenvolvimento Humano Operacional. 2020.

vii. Conversas com quem gosta de Atletismo III. 2004.

viii. VIII Gincana do Ensino Médio. 2003.

ix. VII Festival Universitário de Atletismo: Provas de Campo. 2003.

x. III Encontro Revista Motriz. 2003.

xi. Conversas com quem gosta de Atletismo II. 2003.

xii. I Encontro da Revista Motriz. 2002.

xiii. III Festival Universitário de Atletismo: Provas de campo. 2001.

xiv. II Mini Olimpiada Escolar. 2001.

TRABALHO VOLUNTÁRIO

- **Editor Associado de Periódico Científico Revisado por Pares**
  - 2023 – atualidade: Revista Motriz: Revista de Educação Física - (E-ISSN: 1980-6574)

- **Revisor *ad hoc* em Periódicos científicos diversos**
  - 2018 – 2020: CORPOCONSCIÊNCIA (SÃO PAULO)
  - 2022 – 2022: REVISTA DA UNIFA
  - 2023 – 2023: COLEÇÃO MEIRA MATTOS - REVISTA DAS CIÊNCIAS MILITARES (ONLINE)
  - 2024 – 2024: JOURNAL OF BODYWORK AND MOVEMENT THERAPIES
  - 2024 – 2024: RETOS
  - 2024 – 2024: Revista Agulhas Negras

- **Universidade Estadual Paulista Júlio de Mesquista Filho** (total: 236 horas)
  Instituto de Biociências de Rio Claro, Departamento de Educação Física
  Vínculo Colaborador (voluntariado) de extensões universitárias
    i. **04/2002 – 06/2002:** Atletismo para crianças - Atividades pré-desportivas; 30 horas
    ii. **03/2002 – 06/2002:** Atletismo para crianças; 54 horas.
    iii. **08/2001 – 02/2002:** Dança; 57 horas.
    iv. **03/2001 – 12/2001:** Exercício Resistido / Musculação; 95 horas

OUTRAS HABILIDADES

i. Acadêmico-científica em Biomecânica aplicada
   i. eletromiografia de superficie,
   ii. plataforma de força e equilibrio,
   iii. processamento de dados biologicos,

ii. Acadêmico-científica em Análises bioestatística aplicadas,

iii. Científica em Cinesiologia e Fisiologia aplicadas
   i. ciência do esporte,
   ii. performance humana,
   iii. educação física,
   iv. high altitude and hipóxia

Agosto 2025.

Exhibit H: Personal Documents

GC980380

Assinatura do titular / Signature du titulaire
Bearer's signature / Firma del titular

Este passaporte deve ser assinado pelo titular, salvo em caso de incapacidade.

Ce passeport doit être signé par le titulaire, sauf en cas d'incapacité.

This passport must be signed, except where the bearer is unable to do so.

Este pasaporte debe ser firmado por el titular, salvo en caso de incapacidad.

REPÚBLICA FEDERATIVA DO BRASIL

PASSAPORTE
PASSPORT

TIPO / TYPE: P
PAÍS EMISSOR / ISSUING COUNTRY: BRA
PASSAPORTE Nº / PASSPORT No: GC980380

SOBRENOME / SURNAME
CALDERARO CALVO



NOME / GIVEN NAMES
ADRIANO PERCIVAL

NACIONALIDADE / NATIONALITY
BRASILEIRO(A)

DATA DO NASCIMENTO / DATE OF BIRTH
21 MAI/MAY 1979

IDENTIDADE Nº / PERSONAL No

SEXO / SEX: M
NATURALIDADE / PLACE OF BIRTH: JACAREÍ/SP

FILIAÇÃO / FILIATION
PERCIVAL CALVO

MARIA REQUENA MACHADO CALVO

DATA DE EXPEDIÇÃO / DATE OF ISSUE
20 SET/SEP 2021

AUTORIDADE / AUTHORITY
SR/DPF/RJ

VÁLIDO ATÉ / DATE OF EXPIRY
19 SET/SEP 2031

P<BRACALDERARO<CALVO<<ADRIANO<PERCIVAL<<<<<<
GC980380<2BRA7905218M3109199<<<<<<<<<<<<<<06

Scanned with CamScanner

PASSAPORTE
PASSPORT

REPÚBLICA FEDERATIVA DO BRASIL

TIPO / TYPE
P

PAÍS EMISSOR / ISSUING COUNTRY
BRA

PASSAPORTE Nº / PASSPORT No.
SB169669



SOBRENOME / SURNAME
CALDERARO CALVO

NOME / GIVEN NAMES
ADRIANO PERCIVAL

NACIONALIDADE / NATIONALITY
BRASILEIRO

DATA DE NASCIMENTO / DATE OF BIRTH
21 MAI/MAY 1979

IDENTIDADE Nº / PERSONAL No.

SEXO / SEX
M

NATURALIDADE / PLACE OF BIRTH
JACAREÍ, SP, BRASIL

DATA DE EXPEDIÇÃO / DATE OF ISSUE
05 FEV/FEB 2024

AUTORIDADE / AUTHORITY
DDAC/MRE

VÁLIDO ATÉ / DATE OF EXPIRY
04 FEV/FEB 2029

P<BRACALDERARO<CALVO<<ADRIANO<PERCIVAL<<<<<<

SB169669<4BRA7905218M2902049<<<<<<<<<<<<<<08


VISA
UNITED STATES OF AMERICA
Issuing Post Name
BRASILIA
Control Number
20240398690001
Surname
CALDERARO CALVO
Given Name
ADRIANO PERCIVAL
Visa Type /Class
O A2
Passport Number
SB169669
Sex
M
Birth Date
21MAY1979
Nationality
BRZL
Entries
M
Issue Date
15FEB2024
Expiration Date
07FEB2026
1001
Annotation
NAVAL AEROSPACE MEDICAL RESEARCH LABORATORY
DAYTON, OH
U5781018
VNUSACALDERARO<CALVO<<ADRIANO<PERCIVAL<<<<<<
SB169669<4BRA7905218M2602073A2BRAOW5KE162062

FEDERATIVE REPUBLIC OF BRAZIL
CIVIL REGISTRY OFFICE OF NATURAL PERSONS

1154512CE000000026115625Z
Check the Authenticity of the Seal
https://selodigital.tjsp.br/

Full Birth Certificate

NAME:

ADRIANO PERCIVAL CALVO

REGISTRATION:

115451 01 55 1979 1 00109 094 0011153 46

I CERTIFY AND ATTEST that in Book A-109, page 94, record no. 11153, there is the birth record faithfully reproduced in its ENTIRE CONTENT: Book A – No. 109 No. 11.153 Retirement fee paid under item D135.00 S 13.50 T148.50 G096/79 R2354/AA. BIRTH RECORD On May (05) twenty-two (22), one thousand nine hundred seventy-nine (1979), in this city of Jacareí, in the State of São Paulo at the Registry Office, appeared PERCIVAL CALVO, mechanic, and, before the witnesses named below and signed at the end, declared that on the twenty-first (21st), yesterday, at fifteen (15) hours and fifteen (15) minutes, at the Maternity of the local Santa Casa, a male child of white race was born who was given the name ADRIANO PERCIVAL CALVO, the first given name, son of the declarant, thirty-four (34) years old, and of MARIA REQUENA MACHADO CALVO, homemaker, thirty-three (33) years old, both FROM this district, married in this registry office, residing here, Rua São Luiz, two hundred thirty-two (232), Jardim Dindinha, being the paternal grandparents Pascaso Calvo and Itagyba Ozória da Conceição, and maternal grandparents Eudoxio Machado Osses and Catarina Requena Machado. Nothing further was declared: I attest. Read and found to be in accordance, signs together with the witnesses Osmar Braga, accountant, ID 386.027 SP, and Maria da Penha Guareia, registrar clerk, ID 031031/528-SP, residing here. The declarant presented his marriage certificate No. 9.061, pages 191, of book B-46. I, Carlos José de Moraes, authorized clerk, typed it. And I, Meirinira Barbosa de Moraes, Interim Clerk, subscribe and sign. Percival Calvo, Osmar Braga, Maria da Penha Guareia, Meirinira Barbosa de Moraes. ANNOTATION MARRIED to Michele Calderaro Calvo on 24/02/2012, in Jacareí/SP, as per record no. 34261, page 267, book B-176, adopting the name ADRIANO PERCIVAL CALDERARO CALVO. Jacareí 02/27/2012. Andréa da Silva CPF. The registrant is enrolled under no. 266.452.848-37, according to a search conducted today in the Civil Registry Information Center - CRC. Jacareí, April 8, 2025. I, Caroline da Silva Barbancho, Clerk, certify. (Book 109, page 94, r. 11153)

Civil Registry Office of Natural Persons
Marcelo Salaroli de Oliveira – Registrar
Jacareí/SP
Av. Cap. Joaquim Pinheiro do Prado, 79, Centro
Centro, ZIP Code: 12327-160
cartorio@rcjacarei.org
Phone: (12)3952-4948

The content of this certificate is true. I certify.
Jacareí, April 10, 2025.

-----//signature//-----

Caroline da Silva Barbancho
Clerk

Fees 74.03 Sefaz 14.81 City 3.70
TOTAL 92.54 (Carolina da Silva Barbancho)

IA001645913

I, André Vinícius Inacio Penna Mello, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Date: May 14, 2025

REPÚBLICA FEDERATIVA DO BRASIL
REGISTRO CIVIL DAS PESSOAS NATURAIS

1154512CE0000000261156252
Consulta de Autenticidade do Selo:
https://selodigital.tjsp.jus.br/

Certidão de Nascimento em Inteiro Teor

NOME:

ADRIANO PERCIVAL CALVO

MATRÍCULA:

115451 01 55 1979 1 00109 094 0011153 46

CERTIFICO E DOU FÉ que no Livro A-109, fls. 94, registro nº 11153, consta o registro de nascimento aqui fielmente reproduzido em INTEIRO TEOR: Livro A - N.o 109 Pág. 094 N.o 11.153 Taxa de Aposentadoria paga por verba D135,00 S 13,50 T148,50 G096/79 R2354/AA ASSENTO DE NASCIMENTO Em vinte e dois (22) de maio (05) de mil novecentos e setenta e nove(1.979), nesta cidade de Jacareí, do Estado de São Paulo em Cartório, compareceu PERCIVAL CALVO, mecanico e, perante as testemunhas adiante nomeadas e no fim assinadas, declarou que, no dia vinte e um (21), ontem, às quinze (15) horas e quinze (15) minutos, na Maternidade da Santa Casa local nasceu uma criança do sexo masculino de côr branca que recebeu o nome de ADRIANO PERCIVAL CALVO, primeiro do prenome filho dele declarante, de trinta e quatro (34) anos de idade, e de MARIA REQUENA MACHADO CALVO, do lar, de trinta e três (33) anos de idade, naturais deste distrito, casados neste cartório, aqui residentes, Rua São Luiz, duzentos e trinta e dois (232), Jardim Dindinha sendo avós paternos Pascaso Calvo e Itagyba Ozória da Conceição e maternos Eudoxio Machado Osses e Catarina Requena Machado. Nada mais declarou: dou fé. Lido e achado conforme, assina com as testemunhas Osmar Braga, contador, RG. 386.027 SP e Maria da Penha Guareia, cartorária, CP 031031/528ª-SP, aqui residentes. O declarante apresentou certidão de casamento nº 9.061, fls. 191, do livro B-46. Eu,a.Carlos José de Moraes, escrevente autorizado, datilografei. E eu,a.Meirinira Barbosa de Moraes, Escrivã Interina, subscrevo e assino.a.Percival Calvo, Osmar Braga, Maria da Penha Guareia, Meirinira Barbosa de Moraes. AVERBAÇOES CASOU-SE com Michele Calderaro Calvo aos 24/02/2012 em Jacareí/SP, conforme assento nº 34261, fls. 267, livro B-176, adotando o nome de ADRIANO PERCIVAL CALDERARO CALVO. Jacareí, 27/02/2012.a.Andréa da Silva CPF O registrado está inscrito no 266.452.848-37, conforme consulta realizada hoje na Central de Informações do Registro Civil-CRC. Jacarei, 08 de abril de 2025. Caroline da Silva Barbancho, Escrevente, dou fé. (Livro 109, fls. 94, r. 11153)

Oficial de Registro Civil das Pessoas Naturais
Marcelo Salaroli de Oliveira-Oficial
Jacareí/SP
Av. Cap. Joaquim Pinheiro do Prado, 79, Centro
Centro, CEP: 12327-160
cartorio@rcjacarei.org
Tel: (12)3952-4948

O conteúdo da certidão é verdadeiro. Dou fé.
Jacareí, 10 de abril de 2025

Caroline da Silva Barbancho
Escrevente

Emolumentos 74,03 Sefaz 14,81 Município 3,70
TOTAL 92,54(Caroline da Silva Barbancho)

IA 001645913

FEDERATIVE REPUBLIC OF BRAZIL
CIVIL REGISTRY OF NATURAL PERSONS

MARRIAGE CERTIFICATE

Married names:

ADRIANO PERCIVAL CALDERARO CALVO	CPF: 266.452.848-37
MICHELE CALDERARO CALVO	CPF: 295.534.598-97

Registration
115451 01 55 2012 2 00176 267 0034261 71

Full names prior to marriage, dates and places of birth, nationality, and parentage of the spouses
ADRIANO PERCIVAL CALVO, Brazilian nationality, born in Jacareí, State of São Paulo, on May 21, 1979, son of PERCIVAL CALVO and MARIA REQUENA MACHADO CALVO
MICHELE CALDERARO DE ALMEIDA, Brazilian Nationality, born in São José dos Campos, State of São Paulo, on April 26, 1981, daughter of BRAZ CALDERARO DE ALMEIDA and ROSELI CARDOSO FARIA DE ALMEIDA

DATE OF MARRIAGE REGISTRATION (IN FULL)	Day	Month	Year
February twenty-four, two thousand twelve	24	02	2012

Marriage Property System
PARTIAL COMMUNITY OF PROPERTY

NAME THAT EACH SPOUSE STARTED USING (IN CASE OF CHANGES)
ADRIANO PERCIVAL CALDERARO CALVO
MICHELE CALDERARO CALVO

Annotations/Notations to be added
I had nothing more to certify

Registration Annotations
No record. * The registration annotations above do not exempt the interested party from presenting the original document when required by the requesting authority.

Civil Registry Officer of Natural Persons and of Interdictions and Guardianships of the Headquarters of the District of Jacareí SP – CNS 115451

Registering Officer Marcelo Salaroli de Oliveira

City of Jacareí – SP

Av. Cap. Joaquim Pinheiro do Prado, 79
Centro, Jacareí, SP, ZIP Code 12327-160

cartorio@rcjacarei.org
12-3952-4948

The content of this certificate is true. I certify.
Jacareí, February 19, 2018.

----------//**signature**//----------

Kátia Cristina Moreira Ferreira
Authorized Clerk

Fees: R$32.02
City: R$1.28
Ipesp: R$5.12
TOTAL: R$32.02
(Bruno de Oliveira Delgado Siqueira Rosa)

11545-1-AA 000096275

I, André Vinícius Inacio Penna Mello, certify that the professional translation of this document from Portuguese to English has been performed by myself, a qualified translator fluent in both languages, and that the following is an accurate and complete translation of the document.

Date: May 14, 2025

REPÚBLICA FEDERATIVA DO BRASIL
REGISTRO CIVIL DAS PESSOAS NATURAIS

CERTIDÃO DE CASAMENTO

Nomes de casados:

ADRIANO PERCIVAL CALDERARO CALVO	CPF: 266.452.848-37
MICHELE CALDERARO CALVO	CPF: 295.534.598-97

Matrícula:
115451 01 55 2012 2 00176 267 0034261 71

Nomes completos anteriores ao casamento, datas e locais de nascimento, nacionalidade e filiações dos cônjuges
ADRIANO PERCIVAL CALVO, nacionalidade brasileira, nascido em Jacareí, Estado de São Paulo, a 21 de maio de 1979, filho de PERCIVAL CALVO e MARIA REQUENA MACHADO CALVO
MICHELE CALDERARO DE ALMEIDA, nacionalidade brasileira, nascida em São José dos Campos, Estado de São Paulo, a 26 de abril de 1981, filha de BRAZ CALDERARO DE ALMEIDA e ROSELI CARDOSO FARIA DE ALMEIDA

Data de registro do casamento (por extenso)	*Dia*	*Mês*	*Ano*
Vinte e quatro de fevereiro de dois mil e doze	24	02	2012

Regime de bens do casamento
COMUNHÃO PARCIAL DE BENS

Nome que cada um dos cônjuges passou a utilizar (quando houver alteração)
ADRIANO PERCIVAL CALDERARO CALVO
MICHELE CALDERARO CALVO

Averbações/Anotações à Acrescer
Nada mais me cumpria certificar.

Anotações de Cadastro
Nada consta. *As anotações de cadastro acima não dispensam a apresentação do documento original, quando exigida pelo órgão solicitante.

Oficial de Registro Civil das Pessoas Naturais
e de Interdições e Tutelas da Sede da Comarca de Jacareí SP - CNS 115451

Oficial de Registro Marcelo Salaroli de Oliveira

Município de Jacareí - SP

Av. Cap. Joaquim Pinheiro do Prado, 79
Centro, Jacareí, SP, Cep 12327-160

cartorio@rcjacarei.org
12-3952-4948

O conteúdo da certidão é verdadeiro.Dou fé.
Jacareí, 19 de fevereiro de 2018

Kátia Cristina Moreira Ferreira
Escrevente Autorizada

Emolumentos: R$ 32,02
Município: R$ 1,28
Ipesp: R$ 5,12
TOTAL:R$ 32,02
(Bruno de Oliveira Delgado Siqueira Rosa)

11545-1-AA 00009627S

11545-1-096001-099000-0118

GD575550

Assinatura do titular / Signature du titulaire
Bearer's signature / Firma del titular

Este passaporte deve ser assinado pelo titular, salvo em caso de incapacidade.

Ce passeport doit être signé par le titulaire, sauf en cas d'incapacité.

This passport must be signed, except where the bearer is unable to do so.

Este pasaporte debe ser firmado por el titular, salvo en caso de incapacidad.

REPÚBLICA FEDERATIVA DO BRASIL

PASSAPORTE
PASSPORT



TIPO / TYPE: P
PAÍS EMISSOR / ISSUING COUNTRY: BRA
PASSAPORTE Nº / PASSPORT No.: GD575550

SOBRENOME / SURNAME
CALDERARO CALVO

NOME / GIVEN NAMES
MICHELE

NACIONALIDADE / NATIONALITY
BRASILEIRO(A)

DATA DO NASCIMENTO / DATE OF BIRTH
26 ABR/APR 1981

IDENTIDADE Nº / PERSONAL No.

SEXO / SEX
F

NATURALIDADE / PLACE OF BIRTH
SÃO JOSÉ DOS CAMPOS/SP

FILIAÇÃO / FILIATION
BRAZ CALDERARO DE ALMEIDA

ROSELI CARDOSO FARIA DE ALMEIDA

DATA DE EXPEDIÇÃO / DATE OF ISSUE
19 JAN/JAN 2022

AUTORIDADE / AUTHORITY
SR/DPF/RJ

VÁLIDO ATÉ / DATE OF EXPIRY
18 JAN/JAN 2032

P<BRACALDERARO<CALVO<<MICHELE<<<<<<<<<<<<<<<
GD575550<0BRA8104269F3201185<<<<<<<<<<<<<<02

Scanned with CamScanner

PASSAPORTE
PASSPORT

REPÚBLICA FEDERATIVA DO BRASIL

TIPO / TYPE
P

PAÍS EMISSOR / ISSUING COUNTRY
BRA

PASSAPORTE Nº / PASSPORT No.
SB169668

SOBRENOME / SURNAME
CALDERARO CALVO

NOME / GIVEN NAMES
MICHELE

NACIONALIDADE / NATIONALITY
BRASILEIRA

DATA DE NASCIMENTO / DATE OF BIRTH
26 ABR/APR 1981

IDENTIDADE Nº / PERSONAL No.

SEXO / SEX
F

NATURALIDADE / PLACE OF BIRTH
SÃO JOSÉ DOS CAMPOS, SP, BRASIL

DATA DE EXPEDIÇÃO / DATE OF ISSUE
05 FEV/FEB 2024

AUTORIDADE / AUTHORITY
DDAC/MRE

VÁLIDO ATÉ / DATE OF EXPIRY
21 OUT/OCT 2025



P<BRACALDERARO<CALVO<<MICHELE<<<<<<<<<<<<<<<
SB169668<1BRA8104269F2510217<<<<<<<<<<<<<<00



VISA

UNITED STATES OF AMERICA

Issuing Post Name
BRASILIA

Control Number
20240398690002

Surname
CALDERARO CALVO

Given Name
MICHELE

Visa Type /Class
O A2

Passport Number
SB169668

Sex
F

Birth Date
26APR1981

Nationality
BRZL

Entries
M

Issue Date
15FEB2024

Expiration Date
07FEB2026

1010

Annotation
P.A.: ADRIANO PERCIVAL CALDERARO CALVO
NAVAL AEROSPACE MEDICAL RESEARCH LABORATORY
DAYTON, OH

**

VNUSACALDERARO<CALVO<<MICHELE<<<<<<<<<<<<<<<<

SB169668<1BRA8104269F2602073A2BRA0W5KD252269

FEDERATIVE REPUBLIC OF BRAZIL
CIVIL REGISTRY OF NATURAL PERSONS

BIRTH CERTIFICATE

Name: MICHELE CALDERARO DE ALMEIDA

REGISTRATION:
123026 01 55 2011 1 00144 281 0040611 13

DATE OF BIRTH IN FULL	DAY	MONTH	YEAR
April twenty-six, nineteen eighty-one	26	04	1981

TIME OF BIRTH	CITY OF BIRTH AND STATE
12:05 AM	São José dos Campos - SP

CITY OF REGISTRATION AND STATE	PLACE OF BIRTH	SEX
São José dos Campos - SP	Nossa Senhora de Fátima Hospital	female

PARENTS
Father: BRAZ CALDERARO DE ALMEIDA, born in Conceição dos Ouros - MG
Mother: ROSELI CARDOSO FARIA DE ALMEIDA, born in Brasópolis- MG

GRANDPARENTS
Paternal: JOSÉ CALDERARO and ANTONIA ALMEIDA CALDERARO
Maternal: BENEDITO CARDOSO DE FARIA and MARIA GLÓRIA DA SILVA FARIA

TWINS	NAME AND REGISTRATION OF THE TWINS
NO	NOTHING ON RECORD

DATE OF REGISTRATION IN FULL	LIVE BIRTH REGISTRATION NUMBER
July eighteen, two thousand eleven	NOTHING ON RECORD

NOTES / ANNOTATIONS
NOTHING ON RECORD

The content of the certificate is true. I certify.
São José dos Campos - SP, 07/18/2011:

Regina Celia Coimbra Martes
Clerk

CIVIL REGISTRY OF THE 1st SUBDISTRICT - Rua Major Antonio Domingues, 84 – Centro
I RECOGNIZE by SIMILARITY I 1 Signatures (5) WITHOUT ECONOMIC VALUE of: ////////////////
Regina Celia Coimbra Martes //
which matches the pattern registered in this office. I certify
SJCAMPOS, July 18, 2011.
In witness thereof
Sandra Regina Bassi - Clerk
Total value: R$ 3.50. ****VALID ONLY WITH AUTHENTICITY SEAL********
Print: 206504 - Seal(s): 167329-AA

1st CIVIL REGISTRY OFFICE

Notarial College of Brazil
State of São Paulo
SIGNATURE 1
1004AA167329

Regina Célia Coimbra Martes
Authorized Clerk

Fees:
Registrar: ..... R$ 19.59
IPESP: ..... R$ 3.95
Total: ..... R$ 24.40
Receipt No. 161
Typed by: **Regina**

Registrar of Natural Persons, Guardianships, and Conservatorships of the 1st Subdistrict of the Headquarters
Bachelor Horácio da Silva Martes

1st SUBDISTRICT OF THE CIVIL REGISTRY

City and District of São José dos Campos - State of São Paulo
Rua Major Antonio Domingues, 84 - Centro - Zip Code: 12.245-750
Fax: (012) 3922-6823 - CNPJ No. 50.460.815/0001-21**

1356G-AA 245421

VALID THROUGHOUT THE NATIONAL TERRITORY WITHOUT AMENDMENTS AND/OR ERASURES

I, Marina Viana Silva, certify that I, a qualified translator fluent in both languages, have performed the professional translation of this document from Portuguese to English and that the following is an accurate and complete translation of the document.

Marina Viana **Date: May 15, 2025.**

REPÚBLICA FEDERATIVA DO BRASIL
REGISTRO CIVIL DAS PESSOAS NATURAIS

CERTIDÃO DE NASCIMENTO

Nome: MICHELE CALDERARO DE ALMEIDA

MATRÍCULA:
123026 01 55 2011 1 00144 281 0040611 13

DATA DE NASCIMENTO POR EXTENSO	DIA	MÊS	ANO
vinte e seis de abril de mil novecentos e oitenta e um	26	04	1981

HORA	MUNICÍPIO DE NASCIMENTO E UNIDADE DA FEDERAÇÃO
00:05	São José dos Campos - SP.

MUNICÍPIO DE REGISTRO E UNIDADE DA FEDERAÇÃO	LOCAL DE NASCIMENTO	SEXO
São José dos Campos - SP	Hospital Nossa Senhora de Fátima	feminino

FILIAÇÃO
Pai: BRAZ CALDERARO DE ALMEIDA, natural de Conceição dos Ouros - MG
Mãe: ROSELI CARDOSO FARIA DE ALMEIDA, natural de Brasópolis - MG

AVÓS
Paternos: JOSÉ CALDERARO e ANTONIA ALMEIDA CALDERARO
Maternos: BENEDITO CARDOSO DE FARIA e MARIA GLÓRIA DA SILVA FARIA

GÊMEOS	NOME E MATRICULA DO GÊMEO(S)
Não	Nada Consta.

DATA DO REGISTRO POR EXTENSO	NÚMERO DA DECLARAÇÃO DE NASCIDO VIVO
dezoito de julho de dois mil e onze	Nada Consta.

OBSERVAÇÕES AVERBAÇÕES
Nada Consta.

O Conteúdo da certidão é verdadeiro. Dou fé.
São José dos Campos - SP, 18/07/2011:

REGISTRO CIVIL DO 1º SUBDISTRITO - Rua Major Antonio Domingues, 84 - Centro
RELACIONADO POR SEMELHANÇA 1 Tira(s) SEM VALOR ECONÔMICO de:
Regina Celia Coimbra Martes
a qual confere com o padrão registrado nesta serventia. Dou fé.
SJCAMPOS, 18 de Julho de 2011.
Em Testemunho da verdade
Sandra Regina Bassi - Escrevente
Valor total:R$ 3,50. ****VALIDO SOMENTE COM SELO DE AUTENTICIDADE****
Impressão:206504 - Selo(s): 167329-AA

Regina Celia Coimbra Martes
Escrevente

Regina Célia Coimbra Martes
Escrevente Autorizada

Colégio Notarial do Brasil
Estado de São Paulo
FIRMA 1
1004AA167329

Custas:
Oficial: ..R$ 19.59
IPESP:..... R$ 3.95
Total: ....R$ 24.40
Guia nº 161
Digitado por: Regina

Oficial de Registro Civil das Pessoas Naturais e de Interdições e Tutelas do 1º Subdistrito da Sede
Bel. Horácio da Silva Martes

Município e Comarca de São José dos Campos - Estado de São Paulo
Rua Major Antonio Domingues, 84 - Centro - CEP: 12.245-750
Telefax: (0**12) 3922-6823 - CNPJ nº 50.460.815/0001-21

VÁLIDO EM TODO O TERRITÓRIO NACIONAL SEM EMENDAS E/OU RASURAS

1356G-AA 245421