

## **Milena Samora, Ph.D.**

Assistant Professor  
Director, In-PACE Lab  
Department of Health & Human Performance  
Texas State University  
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San Marcos, TX 78666  
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### **EDUCATION**

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<b>Ph.D.</b>	<b>2016 - 2020</b>	<b>Physical Education</b> Faculty of Physical Education University of Brasília, Brasília, DF, Brazil
<b>M.S.</b>	<b>2014 - 2016</b>	<b>Physical Education</b> Faculty of Physical Education Federal University of Triangulo Mineiro, Uberaba, MG, Brazil
<b>Ed.S</b>	<b>2013 - 2014</b>	<b>Exercise Physiology Applied to the Clinic</b> Federal University of Sao Paulo, Sao Paulo, SP, Brazil
<b>B.S.</b>	<b>2006 - 2012</b>	<b>Physical education</b> Faculty of Physical Education Federal University of Uberlandia, Uberlandia, MG, Brazil

### **UNIVERSITY EXPERIENCE**

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<b>2024 - present</b>	<b>Assistant Professor</b> Department of Health and Human Performance Texas State University, San Marcos, United States of America  <u>Courses taught:</u> Advanced Exercise Physiology (graduate; primary instructor) Exercise Physiology (undergraduate; primary instructor) Independent Study Exercise Science (graduate; primary instructor)
<b>2024 - present</b>	<b>Adjunct Professor</b> Department of Kinesiology & Health Education University of Texas at Austin, Austin, United States of America <i>Temporary appointment for research purposes only.</i>
<b>2021 - 2024</b>	<b>Postdoctoral Fellow</b> Department of Kinesiology & Health Education University of Texas at Austin, Austin, United States of America
<b>2019 - 2020</b>	<b>Visiting Research Assistant scholarship</b> Department of Physiology University of Auckland, Auckland, New Zealand <i>I was awarded a scholarship from CAPES, an agency under the Ministry of Education of Brazil, to conduct part of my doctoral research as a Visiting Student for 6 months at</i>

## SAMORA, M

*the Department of Physiology in University of Auckland. I was able to learn a new technique, collect data, write and submit a manuscript. As a result, I have a peer-reviewed publication and an award from the American Physiological Society.*

**2018 - 2019**

**Adjunct Professor**

Faculty of Physical Education  
University of Brasilia, Brasilia, DF, Brazil

Courses taught:

Professional Internships (undergraduate; supervisor)  
Exercise Physiology (undergraduate; primary instructor)  
Measurements and Assessments in Physical Education (undergraduate; primary instructor)

**2016 - 2016**

**Adjunct Professor**

Faculty of Physical Education  
Federal University of Triangulo Mineiro, Uberaba, MG, Brazil

Courses taught:

Professional Internship III – Health (undergraduate; supervisor)  
Fundamentals of Sports II - Team Sports III (Basketball) (undergraduate; primary instructor)  
Fundamentals of Sports II - Team Sports IV (Handball) (undergraduate; primary instructor)  
Mental health, aging, and physical exercise (undergraduate; primary instructor)

**2009 - 2010**

**Visiting Undergraduate Student**

Faculty of Sport Science and Physical Education  
University of Coimbra, Coimbra, Portugal

*I was awarded a scholarship from Federal University of Uberlandia in agreement with a Bank Institution to attend to undergraduate courses for 1 year as a Visiting Undergraduate Student at the Faculty of Sport Science and Physical Education in University of Coimbra. Some of the courses I took were used as leveling courses to fulfill the requirements of my original undergraduate program in Brazil.*

## PROFESSIONAL EXPERIENCE

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**2014 - 2015**

**Women's Team Handball coach**

Djalma Santos Academic Athletic Association  
University of Triangulo Mineiro, Uberaba, MG, Brazil

**2011 - 2019**

**Handball referee**

Minas Gerais Handball Federation, Brazil

## DIRECTED STUDENT LEARNING

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**2016 - 2017**

**Federal University of Triangulo Mineiro, Faculty of Physical Education, Uberaba, MG, Brazil**

Gustavo Edmundo Mota (*Undergraduate Student's Research – Mentor*)  
Fernanda R. C. de Paiva (*Undergraduate Student's Teaching Assistant – Mentor*)  
Gabriela Nicolino Soares (*Undergraduate Student's Teaching Assistant – Mentor*)

## TEACHING PROFESSIONAL DEVELOPMENT ACTIVITIES ATTENDED

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**2024** Teaching Online at Texas State Certification course (0523)

## PEER-REVIEWED PUBLICATIONS

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Huo Y, **Samora M**, Mcculler RK, Stanhope KL, Havel PJ, Harrison ML, Stone AJ. Interleukin-1 Type 1 Receptor Blockade Attenuates the Exaggerated Exercise Pressor Reflex in Male UC Davis Type 2 Diabetic Mellitus (UCD-T2DM) Rats. *J Physiol*. In press. 2024.

**Samora M**, Huo Y, Stanhope KL, Havel PJ, Kaufman MP, Harrison ML, Stone AJ. Cyclooxygenase products contribute to the exaggerated exercise pressor reflex evoked by static muscle contraction in male UCD-type 2 diabetes mellitus rats. *J Appl Physiol.*, 1;136(5):1226–37, 2024.

**Samora M**, Huo Y, Mcculler RK, Chidurala S, Stanhope K, Havel PJ, Stone AJ, Harrison ML. Spontaneous baroreflex sensitivity is attenuated in male UCD-type 2 diabetes mellitus rats: a link between metabolic and autonomic dysfunction. *Auton Neurosci.*, 249:103117, 2023.

Stone AJ, **Samora M**. Can the exercise reflex still go with the flow? *J Physiol.*, 601(2):4471-4472, 2023.

**Samora M**, Grotle AK, Stone AJ. Altered Cardiovascular Responses to Exercise in Type 1 Diabetes. *Exerc Sport Sci Rev.*, 51(2):65-72, 2023.

Huo Y, Grotle AK, Mcculler RK, **Samora M**, Stanhope K, Havel PJ, Harrison ML, Stone AJ. Exaggerated Exercise Pressor Reflex in Male UC Davis Type 2 Diabetic Rats is Due to the Pathophysiology of the Disease and not Aging. *Front Physiol.*, 10:13:1063326, 2022.

**Samora M**, Huo Y. Sympathetic nervous activation via thin-fiber muscle afferents: the role of insulin. *J Physiol.*, p. 3219-3220, 2022.

Teixeira AL, Nardone M, **Samora M**, Fernandes IA, Ramos PS, Sabino-Carvalho JL, Ricardo DR, Millar PJ, Vianna LC. Potentiation of GABAergic synaptic transmission by diazepam acutely increases resting beat-to-beat blood pressure variability in young adults. *Am J Physiol Reg Int and Comp Physiol.*, v. 322, p. R501-R510, 2022.

Incognito AV, **Samora, M**, Shepherd AD, Cartafina RA, Guimarães GMN, Daher M, Vianna LC, Millar PJ. Sympathetic arterial baroreflex hysteresis in humans: different patterns during low- and high-pressure levels. *Am J Physiol Heart Circ Physiol.*, v. 319, p. H787-H792, 2020.

**Samora, M**, Teixeira, AL, Sabino-Carvalho, JL, Vianna, LC. Sex differences in cardiac vagal reactivation from the end of isometric handgrip exercise and at the onset of muscle metaboreflex isolation. *Auton Neurosci.*, v. 228, p. 102714, 2020.

**Samora M**, Vianna LC, Carmo JC, Macedo V, Dawes M, Phillips A, Paton JFR, Fisher JP. Neurovascular coupling is not influenced by reflex-mediated sympathetic activation via lower body negative pressure in humans. *Am J Physiol Heart Circ Physiol.*, v. 319, p.H22-H31, 2020.

**Samora M**, Vianna LC. Holding up under pressure: a complex interplay between cerebral blood flow and ventilatory responses to alterations in carbon dioxide. *Exp Physiol.*, v. 105, p. 771-772, 2020.

Incognito AV, **Samora M**, Shepherd AD, Cartafina RA, Guimarães GMN, Daher M, Millar PJ, Vianna LC. Arterial baroreflex regulation of muscle sympathetic single unit activity in men: influence of resting blood pressure. *Am J Physiol Heart Circ Physiol.*, v. 318, p. H937-H946, 2020.

**Samora, M**, Incognito, AV, Vianna, LC. Sex Differences in Blood Pressure Regulation during Ischemic Isometric Exercise: the Role of the  $\beta$ -Adrenergic Receptors. *J Appl Physiol.*, v. 127, p. 408-414, 2019.

Sabino-Carvalho, JL; **Samora, M**; Teixeira, AL; Daher, M; Vianna, LC. Circulatory responses at the onset of handgrip exercise in patients with Parkinson disease. *Exp Physiol.*, v. 104, p. 793-799, 2019.

Teixeira AL, **Samora M**, Vianna LC. Muscle metaboreflex activation via post-exercise ischemia as a tool for teaching cardiovascular physiology for undergraduate students. *Adv Physiol Educ.*, v. 43, p. 34-41, 2019.

**Samora M**, Teixeira AL, Sabino-Carvalho JL, Vianna LC. Spontaneous cardiac baroreflex sensitivity is enhanced during post-exercise ischemia in men but not in women. *Eur J Appl Physiol.*, v. 119, p. 103-111, 2019.

Incognito AV, **Samora M**, Cartafina RA, Guimarães GMN, Daher M, Millar PJ, Vianna LC. Pharmacological assessment of the arterial baroreflex in a young healthy obese male with extremely low baseline muscle sympathetic nerve activity. *Clin Auton Res.*, v. 28, p. 593-595, 2018.

Sabino-Carvalho JL, Teixeira AL, **Samora M**, Daher M, Vianna LC. Blunted cardiovascular responses to exercise in Parkinson's disease patients: role of the muscle metaboreflex. *J Neurophysiol.*, v. 120, p. 1516-1524, 2018.

Teixeira AL, **Samora M**, Sabino-Carvalho JL. Group III/IV muscle afferents play an independent role in arterial baroreflex resetting during exercise in humans: is it the end of the road? *J Physiol.*, v. 596, p. 1531-1532, 2018.

Teixeira AL, Ramos PS, **Samora M**, Sabino-Carvalho JL, Ricardo DR, Colombari E, Vianna LC. GABAergic contribution to the muscle mechanoreflex-mediated heart rate responses at the onset of exercise in humans. *Am J Physiol Heart Circ Physiol.*, v. 314, p. H716-H723, 2018.

## ABSTRACTS

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**Samora M**, Mossayebi A, Bunsawat K, Graham J, Stanhope KL, Havel PJ, Harrison ML, Stone AJ. What is the Role of the Carotid Baroreflex in Exaggerating the Exercise Pressor Reflex in Male UCD-Type 2 Diabetes Mellitus Rats?. In: American Physiology Summit 2024, Long Beach, 2024. Physiology, v. 39, 2024.

Mossayebi A, **Samora M**, Harrison ML, Stone AJ. Role of ASIC3 in Evoking the Exercise Pressor Reflex in Type 1 Diabetes Mellitus Rats. In: American Physiology Summit 2024, Long Beach, 2024. Physiology, v. 39, 2024.

**Samora M**, Huo Y, McCuller RK, Chidurala S, Graham J, Stanhope KL, Havel PJ, Stone AJ, Harrison ML. Obesity contributes to an attenuated spontaneous baroreflex sensitivity in UCD-Type 2 diabetic rats. In: Texas Chapter of the American College of Sports Medicine, Waco, 2023. International Journal of Exercise Science, v. 2. p. 1-1, 2023.

**Samora M**, Huo Y, Graham J, Stanhope KL, Havel P, Harrison ML, Stone AJ. Inhibiting cyclooxygenase activity attenuates the exaggerated exercise pressor reflex in male UCD-Type 2 diabetes mellitus rats. In: American Physiology Summit 2023, Long Beach, 2023. Physiology, v. 38, 2023.

Chidurala S, McCuller RK, **Samora M**, Huo Y, Graham J, Stanhope KL, Havel P, Stone AJ, Harrison ML. Role of Anti-Inflammatory Cytokines in the Development of Diabetic Peripheral Neuropathy in Male UCD-Type 2 Diabetic Rats. In: American Physiology Summit 2023, Long Beach, 2023. Physiology, v. 38, 2023.

Mossayebi A, McCuller RK, Huo Y, **Samora M**, Graham J, Stanhope KL, Havel P, Harrison ML, Stone AJ. Exaggerated Exercise Pressor Reflex and Mechanical Allodynia Present at Similar Times in Type 2 Diabetes. In: ACSM Annual Meeting & World Congresses, Denver, 2023. Medicine & Science in Sports & Exercise, 55(9S):p 196, 2023.

**Samora M**, Huo Y, McCuller RK, Chidurala S, Graham J, Stanhope KL, Havel PJ, Stone AJ, Harrison ML. Obesity contributes to an attenuated spontaneous baroreflex sensitivity in UCD-Type 2 diabetic rats. In: ACSM Annual Meeting & World Congresses, Denver, 2023. Medicine & Science in Sports & Exercise, 55(9S):p 389, 2023.

Huo Y, Bell B, **Samora M**, Graham J, Stanhope KL, Havel PJ, Harrison ML, Stone AJ. Pro-inflammatory Cytokine IL-1 $\beta$  Contributes to the Exaggerated Exercise Pressor Reflex in UC, Davis-Type 2 Diabetes Mellitus Rats. In: Experimental Biology, Philadelphia, 2022. The FASEB Journal, v. 36, 2022.

Teixeira AL, Nardone M, **Samora M**, Fernandes IA, Ramos PS, Sabino-Carvalho JL, Ricardo DR, Millar PJ, Vianna LC. Potentiation of GABAergic synaptic transmission by diazepam acutely increases resting beat-to-beat blood pressure variability in young adults. In: Experimental Biology, Philadelphia, 2022. The FASEB Journal, v. 36, 2022.

**Samora M**, Teixeira AL, Sabino-Carvalho JL, Vianna LC. Cholinergic-mediated Circulatory Responses at the Onset of Isometric Exercise: Does Sex Matter?. In: Experimental Biology, Philadelphia, 2022. The FASEB Journal, v. 36, 2022.

**Samora M**, Vianna LC, Carmo JC, Macedo V, Dawes M, Phillips A, Paton JFR, Fisher JP. Neurovascular Coupling is Not Attenuated During Reflex-Mediated Sympathetic Activation via Lower Body Negative Pressure in Humans. In: Experimental Biology, Online, 2020. The FASEB Journal, v. 34., 2020.

**Samora M**, Incognito AV, Vianna LC. Sex Differences in Blood Pressure Regulation During Isometric Exercise: The Role of the  $\beta$ -Adrenergic Receptors. In: Experimental Biology, Orlando, 2019. The FASEB Journal, v. 33. p. 561.7, 2019.

Sabino-Carvalho JL, **Samora M**, Teixeira AL, Vianna LC. Hemodynamic Responses at the Onset of Handgrip Exercise in Patients with Parkinson Disease. In: Experimental Biology, Orlando, 2019. The FASEB Journal, v. 33. p. 746.6, 2019.

Incognito AV, **Samora M**, Shepherd AD, Cartafina RA, Guimaraes GM, Daher M, Millar PJ, Vianna LC. Arterial Baroreflex Control of Multi- and Single-Unit Muscle Sympathetic Nerve Activity in Young Unmedicated Hypertensives. In: Experimental Biology, Orlando, 2019. The FASEB Journal, v. 33. p. 565.8, 2019.

**Samora M**, Teixeira AL, Sabino-Carvalho JL, Vianna LC. Muscle Metaboreflex Modulation of Spontaneous Cardiac Baroreflex Sensitivity: Does Sex Matter? In: Experimental Biology, San Diego, 2018. The FASEB Journal, v.32, p.730.2, 2018.

Teixeira AL, Ramos PS, **Samora M**, Sabino-Carvalho JL, Ricardo DR, Colombari E, Vianna LC. GABAergic contribution to the muscle mechanoreflex-mediated heart rate responses at the onset of exercise in humans. In: Experimental Biology, San Diego, 2018. The FASEB Journal, v.32, p.891.7, 2018.

Sabino-Carvalho JL, Teixeira AL, **Samora M**, Daher M, Vianna LC. Blunted cardiovascular responses to exercise in Parkinson's disease patients: role of the muscle metaboreflex. In: Experimental Biology, San Diego, 2018. The FASEB Journal, v.32, p.884.5, 2018.

**Samora M**, Teixeira AL, Antonino D, Carmo JC, Ritti-Dias R, Vianna LC. Sex Differences in Blood Pressure Control Following a Single Bout of Isometric Handgrip Exercise. In: Experimental Biology, Chicago, 2017. The FASEB Journal, v.31, p.1056.5, 2017.

Santos SS, **Samora M**. Behavior of the Paralympic Weightlifting Team in Regional and National Competitions in 2010 and 2011 In: XIV Sports Sciences and Physical Education Congress of Portuguese-Speaking Countries, Belo Horizonte, 2012. Minas Gerais Physical Education Magazine, v.2. p.999 – 1007, 2012.

**Samora M**, Santos SS. Percentage of fat and aerobic capacity of street cleaners in the city of Uberlandia-MG In: 35th International Symposium on Sports Sciences, Sao Paulo, 2012. Sport and physical activity: the legacy for the health of the population, v.20. p.145 – 145, 2012.

**Samora M**. Anthropometric profile of the swimmers of categories child and adult Uberlandia - MG In: III Congreso Internacional de Ciencias del Deporte y la Educación Physics - VI Seminario Nacional de Nutrición, Medicina y Performance, Pontevedra, 2010. Alicante: Alto Rendimiento, v.13, 2010.

**Samora M**, Lelis GA. Peculiarities of the structure and operation of a recreational 'cantonment': an experience report In: III Congreso Internacional de Ciencias del Deporte y la Educación Physics - VI Seminario Nacional de Nutrición, Medicina y Rendimiento, Pontevedra, 2010. Alicante: Alto Rendimiento, v.13, 2010.

## WORKS NOT IN PRINT

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**Samora M**, Vianna LC, Carmo JC, Macedo V, Dawes M, Phillips A, Paton JFR, Fisher JP. Neurovascular coupling in the human brain: does sympathetic activation matter?. Poster Presentation at Central Cardiorespiratory Control: future directions (C<sup>3</sup>:FD), 2019.

**Samora M**, Vianna LC. Difference between sexes in blood pressure regulation during ischemic isometric exercise: function of  $\beta$ -adrenergic receptors. Poster Presentation at the XXIII Brazilian Symposium on Cardiovascular Physiology, 2019.

**Samora M**, Miranda I, Vianna LC. Slower heart rate recovery in women at onset of post exercise ischemia following isometric exercise. Poster Presentation at the 2nd Pan American Congress of Physiological Science, 2019.

Sabino-Carvalho JL, Teixeira AL, **Samora M**, Vianna LC. Blunted Cardiovascular Responses to Muscle Metaboreflex Activation in Parkinson Disease Patients with Orthostatic Hypotension. In: 38<sup>th</sup> World

Congress of the International Union of Physiological Sciences, Rio de Janeiro, 2017. Rhythms of Life, 2017.

**Samora M**, Teixeira AL, Sabino-Carvalho JL, Vianna LC. Cardiac baroreflex hysteresis during muscle metaboreflex activation in humans. In: 38<sup>th</sup> World Congress of the International Union of Physiological Sciences, Rio de Janeiro, 2017. Rhythms of Life, 2017.

**Samora M**, Santos WLM, Chriguer RSS, Barbosa Neto O. Chronic administration of Erythropoietin causes cardiac and renal fibrosis in rats submitted to exercise training. Poster Presentation at the International Convention on Science, Education and Medicine in Sport, 2016.

**Samora M**, Santos WLM, Rocha A, Mota GR, Marocolo Júnior M, Barbosa Neto O. Effect of physical training through swimming on liver morphology and epididymal fat in Wistar rats treated with a high-fat diet. Poster Presentation at the XXIX Annual Meeting of the Federation of Experimental Biology Societies, 2014.

#### **INVITED TALKS, LECTURES, AND PRESENTATIONS**

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**2024 Blood flow at rest and during exercise**

*Lecture at Human Cardiovascular Control course for graduate students  
Department of Kinesiology & Health Education  
The University of Texas at Austin*

**2024 Neural control of circulation in type 2 diabetes**

*Movement and Cognitive Rehabilitation Science Seminar  
Department of Kinesiology & Health Education  
The University of Texas at Austin*

**2023 Scientific rigor and critical thinking in research: the responsibility of the scientists**

*Lecture at Doctoral Seminar course for graduate students  
Department of Kinesiology & Health Education  
The University of Texas at Austin*

**2021 Physical inactivity during the pandemic: challenges for the cardiovascular system of adults**

*International Congress on Intervention in Health and Exercise  
University of Pernambuco, PE, Brazil*

**2021 Sex differences in the neural control of blood pressure during isometric exercise**

*Scientific meeting of the Exercise, Nutrition, and Applied Physiology Research Group  
Graduate Program of Physical Education, Department of Sports Science  
Federal University of Triangulo Mineiro, Uberaba, MG, Brazil*

**2020 The influence of sex on the neural control of circulation during exercise**

*Scientific meeting of the Exercise Physiology in Health and Human Performance Research Group  
University of Uberaba, Uberaba, MG, Brazil*

**2020 Neurovascular coupling is not influenced by lower body negative pressure in humans**

*Cerebral Blood Flow Virtual Seminar Series*

- 2020**     **Sex Matters: Neural Control of Blood Pressure During Exercise**  
*55th Annual Congress of Brazilian Society of Physiology*
- 2016**     **Training, professional performance, and experience in handball**  
*Lecture at Professional Experience in Physical Education and Sports course for undergraduate students*  
*Faculty of Physical Education*  
*Federal University of Triangulo Mineiro, Uberaba, MG, Brazil*
- 2014**     **Endocrine and metabolic adaptations in physical exercise**  
*Lecture at Exercise Physiology Academic League*  
*University of Triangulo Mineiro, Uberaba, MG, Brazil*
- 2014**     **Physical Activity and Obesity**  
*Lecture at Physical Education and Human Diversity course for undergraduate students*  
*Faculty of Physical Education*  
*Federal University of Uberlandia, Uberlandia, MG, Brazil*

#### **SCHOLARLY / CREATIVE GRANTS AND CONTRACTS**

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- 2025**     **Research Enhancement Program – Texas State University**  
*The mechanical component of the arterial baroreflex in type 2 diabetes: the role of oxidative stress. Internal grant funded from February 2025 to May 2026. \$16,000.00*  
*Samora, Milena (Principal), McAllister, Matthew J (Co-Principal).*

#### **AWARDS/HONORS**

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- 2022**     APS Select Award - Distinction in scholarship in the AJP-Regulatory, Integrative and Comparative Physiology, American Physiological Society for the article “*Potentiation of GABAergic synaptic transmission by diazepam acutely increases resting beat-to-beat blood pressure variability in young adults*”.
- 2022**     Honorable mention for University of Brasilia Graduate Thesis Award, University of Brasilia, DF, Brazil  
*Recognition award for the best thesis defended in 2021 and 2022 among all doctoral theses from University of Brasilia.*
- 2021**     Approved in 1<sup>st</sup> place for an Adjunct Professor position at the Federal University of Triangulo Mineiro, Uberaba, MG, Brazil  
*The job offer was not accepted because I moved to US to start my postdoctoral training.*
- 2021**     CAPES Thesis Award 2021 Edition, CAPES (Coordination for the Improvement of Higher Education Personnel), Brazil  
*My thesis was selected for the award among all the doctoral theses in Brazil defended in 2021 in the areas of physical education, speech therapy, physiotherapy, and occupational therapy. This is a very prestigious national award and the criteria for the selection are as follows: originality of the work, relevance to scientific, technological, cultural, social, and innovation development, and added value by the educational system to the candidate. I earned a national postdoctoral fellowship sponsored by CAPES, but I did not accept the offer because I decided to do a postdoc at the University of Texas at Austin instead.*



- 2021** Internal Selection for the CAPES Thesis Award 2021 Edition, Graduate Program in Physical Education, University of Brasilia, DF, Brazil  
*My thesis was selected among the doctoral thesis defended in 2021 in the Program of Physical Education of the University of Brasilia and was, therefore, eligible to compete for the national CAPES Thesis Award.*
- 2020** NCAR Research Recognition Award, American Physiological Society
- 2019** Honorable Mention at the XXIII Brazilian Symposium on Cardiovascular Physiology, Araraquara, SP, Brazil
- 2019** International Early Career Physiologist Travel Award, American Physiological Society
- 2019** Pan-American Congress Travel Award, American Physiological Society  
**2017** IUPS Travel Award, American Physiological Society
- 2016** PhD scholarship sponsored by CAPES (Coordination for the Improvement of Higher Education Personnel)
- 2014** Master scholarship sponsored by CAPES (Coordination for the Improvement of Higher Education Personnel)

#### **SCHOLARLY/CREATIVE PROFESSIONAL DEVELOPMENT ACTIVITIES**

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**2024 – present Scholarship & Teaching Excellence Program (STEP)**

*Texas State University*

**2024 - present Collaborative Institutional Training Initiative (CITI) – TXST**

*Basic course, Occupational Health and Safety Program*

**2024 - present Online courses at Texas State University**

*TXST Cybersecurity Training, Preventing Harassment and Discrimination (EEO & Title IX), Tools for an Ethical Workplace (Ethics and Compliance)*

**2021 - 2024 AALAS Learning Library at The University of Texas at Austin**

*Online courses: Rodent surgery, Aseptic Technique for rodent survival surgery, Inhalation Anesthesia Systems for Rodents, Introduction to mice, Introduction to rats, Post-procedure care of mice and rats in research: minimizing pain and distress*

*In person training: Principles of Rodent Anesthesia, Introduction to Rat Biotechnology, Techniques in Aseptic Surgery and Anesthesia in Research Animals*

**2021 - 2024 Online courses at The University of Texas at Austin**

*New Employee Welcome and Orientation, Title IX Basics, Information Security Awareness, Compliance & Ethics Program at UT Austin, Workplace Discrimination and Harassment (EEO), Working with controlled substances, Bloodborne Pathogens, EMS for Waste Generators, Hazardous Waste Management, Portable Fire Extinguisher Basic, Receiving Hazardous Materials, Cryogen Safety, Biological Safety, Compressed Gases, Laboratory Safety Refresher, Laboratory Safety, Hazard Communication.*

**2023 Reviewer Certificate Program**

*American Physiological Society, USA*

- 2022     Leading with Decency: strong leadership strategies, leadership types and common pitfalls**  
*The University of Texas at Austin, Austin, TX, USA*
- 2021     Motor learning in human growth and development**  
*Metropolitan College of the State of Sao Paulo, Brazil*
- 2019     Short-term course in BLS for Health Professionals**  
*Resuscitation Skills, New Zealand*
- 2019     Short-term course in Spring 2019 Research Induction Course**  
*The University of Auckland, Auckland, New Zealand*
- 2017     Short-term course in Written Production in English: Essay**  
*University of Brasilia, Brasilia, Brazil*
- 2015     Scientific visit at the Laboratory of Cellular and Molecular Exercise Physiology**  
*School of Physical Education and Sport, University of Sao Paulo, Brazil*
- 2015     Short-term course in International Scientific Writing Minicourse**  
*University of Uberaba, Uberaba, Brazil*
- 2015     Short-term course in Zumba - Basic 1 - International Course**  
*Brasilia Capital Fitness, Brazil*
- 2015     University extension in Speaking and Listening in English - Intermediate, level B1**  
*Federal University of Triangulo Mineiro Language Center, NUCLI/UFTM, Brazil*
- 2015     Short-term course in Modular Practical Theoretical course**  
*University of Sao Paulo, Sao Paulo, Brazil*
- 2014     Short-term course on New physiological concepts of adipose tissue**  
*Federation of Experimental Biology Societies, Sao Paulo, Brazil*
- 2014     Short-term course in Prospecting, recruitment, and team loyalty**  
*Goiania Capital Fitness, Brazil*
- 2014     Short-term course in Academy Management**  
*Goiania Capital Fitness, Brazil*
- 2014     Short-term course on Weight Loss**  
*Goiania Capital Fitness, Brazil*
- 2014     Short-term course in Neuroscience Applied to Physical Exercises**  
*Faculty of Physical Education, Federal University of Uberlandia, Brazil*
- 2014     Short-term course in Animal Management in Experimental Vivariums**  
*Federation of Experimental Biology Societies, Sao Paulo, Brazil*
- 2013     Short-term course in Nutrition and Sports Supplementation**  
*Instituto Passo 1, Brazil*
- 2012     Short-term course in Personal Trainer - Exercise Prescription**  
*Faculty of Physical Education, Federal University of Uberlandia, Brazil*

- 2012 Short-term course in Statistical Technical Assessment of Volleyball**  
*Volleyball Corporate University, Brazil*
- 2012 Short-term course in Physical Exercise and Fatigue**  
*Institute of Genetics and Biochemistry, Federal University of Uberlandia, Brazil*
- 2012 Short-term course in Muscular Strength Training**  
*Study Center of the Physical Fitness Laboratory of Sao Caetano do Sul, Sao Caetano Do Sul, Brazil*
- 2011 Short-term course in Handball Referee Training**  
*Minas Gerais Student Sports Federation, Brazil*
- 2010 Short-term course in Physical preparation for team sports**  
*Sportis - Formación Deportiva y Universidade de Vigo, Spain*
- 2010 Short-term course in Training control from biochemistry**  
*Sportis - Formación Deportiva y Universidade de Vigo, Spain*
- 2009 Short-term course in Athletics Internship Referee Course**  
*District Athletics Association of Coimbra, Portugal*
- 2008 Short-term course in 1st Recreation Monitor Training**  
*Casa da Terra Adventure, Brazil*
- 2008 Short-term course in Futsal Pedagogical Referee**  
*Uberlandia Regional Education Superintendence, Brazil*
- 2007 Short-term course in Pedagogical Handball Referee**  
*Uberlandia Regional Education Superintendence, Brazil*
- 2007 Short course in Swimming Arbitration**  
*Brazilian Water Sports Confederation, Brazil*
- 2006 Short course in Arbitration in Athletics**  
*Brazilian Athletics Confederation, Brazil*
- 2002 English course**  
*FISK, Brazil*

## **MEDIA RECOGNITION**

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- 2021 Graduate student from the Faculty of Physical Education at the University of Brasilia receives CAPES Thesis Award**  
<https://fef.unb.br/index.php/noticias/209-egressa-do-ppgef-unb-recebe-premio-capes-de-tese-2021>
- 2021 Six thesis developed at University of Brasilia win CAPES Thesis Award**  
<https://www.correiobraziliense.com.br/euestudante/ensino-superior/2021/09/4950588-seis-teses-desenvolvidas-na-unb-levam-o-premio-capes-2021.html>

- 2021 University of Brasilia thesis are awarded at CAPES**  
<https://www.correiobraziliense.com.br/cidades-df/2021/09/4950631-teses-da-unb-sao-premiadas-no-capes-2021.html>
- 2021 Explain your thesis by UnBTV: men and women regulate blood pressure differently during exercise**  
<https://www.youtube.com/watch?v=wacPJ5xaMul>
- 2021 In Thesis Program – Special Edition by Faculty of Physical Education of University of Brasilia**  
<https://www.youtube.com/watch?v=-UnO9maqMBI>

## SERVICE

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### Department/School

- 2024 - present** ESS Graduate Admissions Committee  
**2024** Content Review/Presentation Judging, Scholars' Day Ballots – Fall 2024

### Professional

- 2022 - present** **Evaluation committee member**  
 Graduate Women in Science (GWIS) National Fellowship Program
- 2022 - 2024** **Postdoctoral committee member**  
 Society for Advancing Gender Equity in STEM (SAGES) - University of Texas at Austin
- 2018 - 2024** **Associate Editor**  
 Brazilian Journal of Sports Sciences

### Ad hoc Reviewer, Journals

- 2024 - present** Autonomic Neuroscience: Basic and Clinical  
**2024 - present** Experimental Physiology  
**2024 - present** Journal of Cardiovascular Pharmacology  
**2024 - present** BMC Cardiovascular Disorders  
**2023 - present** The Journal of Physiology  
**2023 - present** The FASEB journal  
**2023 - present** Frontiers in Physiology  
**2022 - present** Advances in Physiology Education  
**2022 - present** American Journal of Physiology-Heart and Circulatory Physiology  
**2021 - present** American Journal of Physiology-Regulatory Integrative and Comparative Physiology
- 2021 - present** European Journal of Sport Science  
**2020 - present** Physiological Reports  
**2018 - present** International Journal of Cardiovascular Sciences (online)  
**2017 - present** Brazilian Journal of Sports Sciences

**Organization Memberships**

<b>2023 - present</b>	The American College of Sports Medicine (ACSM) (member)
<b>2022 - present</b>	Graduate Women in Science (GWIS) National Fellowship Program (member)
<b>2022 - present</b>	Texas Chapter of American College of Sports Medicine (member)
<b>2022 - 2024</b>	Society for Advancing Gender Equity in STEM (SAGES)-University of Texas at Austin (member)
<b>2019 - 2020</b>	The Physiological Society of New Zealand (member)
<b>2017 - 2019</b>	Brazilian Society Physiology (member)
<b>2016 - present</b>	The American Physiological Society (APS) (member)