

Curriculum Vitae

JULIANA O. PARMA, Ph.D.

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Google Scholar: <https://scholar.google.com.br/citations?user=ZjiWpQcAAAAJ&hl=en&oi=ao>

EDUCATION

Degrees

- | | |
|-------------|---|
| August 2023 | Ph.D., Kinesiology
Auburn University, Auburn/AL – USA
Advisor: Matthew W. Miller, Ph.D.
Dissertation: <i>Effects of Perceptions of Success on Motor Skill Acquisition: A neurophysiological approach</i> |
| June 2018 | Master of Science, Sport Sciences
Universidade Federal de Minas Gerais, Belo Horizonte/MG – Brazil
Advisor: Guilherme M. Lage, Ph.D.
Thesis: <i>Stimulation of the Primary Motor Cortex for the Learning of a Complex Motor Skill</i> |
| July 2016 | Bachelor of Science, Physical Education
Universidade Federal de Minas Gerais, Belo Horizonte/MG – Brazil
Advisor: Franco Noce, Ph.D.
Undergraduate thesis: <i>The Influence of Personality Traits on Decision-Making of Wheelchair Tennis Players</i> |

ACADEMIC APPOINTMENTS

San Francisco State University

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| 2023 - present | Assistant Professor , Department of Kinesiology, College of Health and Social Sciences |
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Auburn University

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| 2022 - 2023 | Graduate Research Assistant , Performance and Exercise Psychophysiology Lab, School of Kinesiology Pangelinan Fellowship |
| 2019 - 2022 | Graduate Teaching Assistant for the School of Kinesiology , College of Education |

Universidade Federal de Minas Gerais

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| 2016 - 2018 | Graduate Research Assistant , Nucleus of Movement Neuroscience, Study Groups in Motor Learning and Development, |
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School of Physical Education, Physical Therapy, and Occupational Therapy | National Council for Scientific and Technological Development Fellowship

2011 - 2012

Undergraduate Research Assistant, Sport Psychology Lab, School of Physical Education, Physiotherapy, and Occupational Therapy | Coordination for the Improvement of Higher Education Personnel Research Fellowship

RESEARCH

My objective is to understand the process of production and refinement of movements. Specifically, my main interest is to understand how people learn new motor skills, the psychological and neural mechanisms underlying the process of skill acquisition, and the factors that can be manipulated to enhance learning and performance. Furthermore, I aim to uncover the neuropsychological factors associated with the production of movement and engagement in physical exercise.

Research Experience

2023 - present

Lead Researcher | San Francisco State University, San Francisco, CA

Role: Experiment design, data collection, data processing, data analysis, interpretation, dissemination of results, and graduate and undergraduate mentoring.

2019 - 2023

Graduate Research Assistant | Performance and Exercise Psychophysiology Lab
Auburn University, Auburn, AL

Role: Experiment design, data collection, data processing, data analysis, interpretation, dissemination of results, and graduate and undergraduate mentoring.

2015 - 2019

Graduate Research Assistant | Study Group in Motor Development and Learning (GEDAM)
Universidade Federal de Minas Gerais, Brazil

Role: Experiment design; data collection, data processing, data analysis, interpretation, dissemination of results, and undergraduate mentoring.

2016 - 2019

Graduate Research Assistant | Nucleus of Movement Neuroscience (NNeuroM)
Universidade Federal de Minas Gerais, Brazil

Role: Experiment design; data collection, data processing, data analysis, interpretation, dissemination of results, and undergraduate mentoring.

2013-2014

Undergraduate Research Assistant | Sport Psychology Lab (LAPES)
Universidade Federal de Minas Gerais, Brazil

Role: Experiment design; data collection, data processing, data analysis, interpretation, and dissemination of results.

Academic Publications

† = Indicates Co-First Author

Peer-reviewed Publications

26- McKay, B., Bacelar, M., **Parma, J. O.**, Miller, M. W., Carter, M. J. (2023). The combination of reporting bias and underpowered study designs has substantially exaggerated the motor learning benefits of self-controlled practice and enhanced expectancies: A meta-analysis. *International Review of Sport and Exercise Psychology*, 1-21.
doi: 10.1080/1750984X.2023.2207255

25- **Parma, J. O.**, Bacelar, M. F. B., Cabral, D. A. R., Lohse, K. R., Hodges, N. J., Miller, M. W. (2023). That looks easy! Evidence against the benefits of an easier criterion of success for enhancing motor learning. *Psychology of Sport and Exercise*, 66.
doi: 10.1016/j.psychsport.2023.102394

24- Cabral, D. A. R. †, Daou, M. †, Bacelar, M. F. B., **Parma, J. O.**, & Miller, M. W. (2023). Does learning a skill with the expectation of teaching it impair the skill's execution under psychological pressure if the skill is learned with analogy instructions? *Psychology of Sport and Exercise*, 66.
doi: 10.1016/j.psychsport.2022.102323

23- Apolinario-Souza, T., **Parma, J. O.**, Carvalho, V. R., Albuquerque, M. R., Lage, G. M., Fernandes, L. A. (2022). Electrocortical activity prior to predictable and unpredictable stimuli requiring a motor response. *Brazilian Journal of Motor Behavior*.

22- Bacelar, M. F. B. †, **Parma, J. O.** †, Murrach, W. M., Miller, M. W. (2022). Meta-analyzing enhanced expectancies on motor learning: positive effects but methodological concerns. *International Review of Sport and Exercise Psychology*, 1-30.
doi: 10.1080/1750984X.2022.2042839

21- Bacelar, M. F. B., **Parma, J. O.**, Cabral, D., Daou, M., Lohse, K. R., Miller, M. W. (2022). Dissociating the contributions of motivational and information processing factors to the self-controlled feedback learning benefit. *Psychology of Sport and Exercise*, 59.
doi: 10.1016/j.psychsport.2021.102119

20- Aparecida Fernandes, L., Romano-Silva, M. A., Figueiredo, L. S., **Parma, J. O.**, Apolinário-Souza, T., & Menezes Lage, G. (2022). Modulation of motor cortices on manual asymmetries. *Kinesiology*, 54(1), 15-24.
doi: 10.26582/k.54.1.2

19- Nogueira, N. G. D. H. M., **Parma, J. O.**, de Assis Leão, S. E. S., de Souza Sales, I., Macedo, L. C., Galvão, A. C. D. R., ... & de Paula Ferreira, B. (2021). Mirror therapy in upper limb motor recovery and activities of daily living, and its neural correlates in stroke individuals: A systematic review and meta-analysis. *Brain Research Bulletin*, 177, 217-238.
doi: 10.1016/j.brainresbull.2021.10.003

18- Penna, E. M., Campos, B. T., Ferreira, R. M., **Parma, J. O.**, Lage, G. M., Coswig, V. S., ... & Prado, L. S. (2021). No Effects of Mental Fatigue and Cerebral Stimulation on Physical Performance of Master Swimmers. *Frontiers in Psychology*, 12, 2432.
doi: 10.3389/fpsyg.2021.656499

17- Nogueira, N. G. D. H. M., de Paula Ferreira, B., Narciso, F. V., **Parma, J. O.**, de Assis Leão, S. E. S., Lage, G. M., & Fernandes, L. A. (2021). Influence of Chronotype on Motor Behavior in Healthy Individuals: Analyses of Manual Dexterity in Different Times of the Day. *Motor Control*, 1(aop), 1-14.
doi: 10.1123/mc.2020-0094

16- **Parma, J. O.** †, Bacelar, M. F. B. †, Miller, M., Cabral, D. A. R., Feiss, R. S., Renaud, O., Sander, D., Krigolson, O. E., Cheval, B. & Boisgontier, M. P. (2021). Relationship between reward-related brain activity and opportunities to sit. *Cortex* (in-principle acceptance).
doi: 10.17605/OSF.IO/TCR7F

15- Cheval, B., Cabral, D. A. R., Daou, M., Bacelar, M. F. B., **Parma, J. O.**, Forestier, C., Orsholits, D., Maltagliati, S., Sander, D., Boisgontier, M. P., & Miller, M. W. (2021). Inhibitory control elicited by physical activity and inactivity stimuli: an electroencephalography study. *Motivation Science*, 7(4), 386-399.
doi: 10.1037/mot0000236

14- Cheval, B., Daou, M., Cabral, D. A. R., Bacelar, M. F. B., **Parma, J. O.**, Forestier, C., Orsholits, D., Sander, D., Boisgontier, M. P., & Miller, M. W. (2020). Higher inhibitory control is required to escape the innate attraction to effort minimization. *Psychology of Sport and Exercise*, 51, 101781.
doi: 10.1016/j.psychsport.2020.101781

13- Prazeres, J. S. F., Silva, L. H., Paula, L. V., **Parma, J. O.**, Hamdan, M. G., Ferreira, R. M. (2020). Analysis of the behavior of volleyball coaches of Youth female categories. *Motricidade*, 16(4), 1-18.
doi: 10.6063/motricidade.20255

12- **Parma, J. O.**, Profeta, V. L. D. S., Andrade, A. G. P. D., Lage, G. M., & Apolinário-Souza, T. (2020). TDCS of the Primary Motor Cortex: Learning the Absolute Dimension of a Complex Motor Task. *Journal of Motor Behavior*, 1-14.
doi: 10.1080/00222895.2020.1792823

11- Cheval, B., Daou, M., Cabral, D. A. R., Bacelar, M. F. B., **Parma, J. O.**, Forestier, C., Orsholits, D., Sander, D., Boisgontier, M. P., & Miller, M. W. (2020). Higher inhibitory control is required to escape the innate attraction to effort minimization. *Psychology of Sport and Exercise*, 51.
doi: 10.1016/j.psychsport.2020.101781.

10- Apolinário-Souza, T., Santos Almeida, A. F., Lelis-Torres, N., **Parma, J. O.**, Pereira, G. S., & Menezes Lage, G. (2020). Molecular mechanisms associated with the benefits of variable practice in motor learning. *Journal of Motor Behavior*, 52(5), 515-526.
doi: 10.1080/00222895.2019.1649997

9- Nogueira, N. G. D. H. M., de Miranda, D. M., Albuquerque, M. R., de Paula Ferreira, B., Batista, M. T. S., **Parma, J. O.**, ... & Lage, G. M. (2020). Motor learning and COMT Val158met polymorphism: Analyses of oculomotor behavior and corticocortical communication. *Neurobiology of Learning and Memory*, 168, 107157.
doi: 10.1016/j.nlm.2020.107157

- 8- **Parma, J. O.**, Costa, V. T. D., Andrade, A. G. P. D., Cavalcante, G., Hackfort, D., & Noce, F. (2019). Relation of personality traits and decision-making in wheelchair tennis players. *International Journal of Sport and Exercise Psychology*, 17(1), 52-63.
doi: 10.1080/1612197X.2016.1275742
- 7- Bicalho, L. E. A., Albuquerque, M. R., Ugrinowitsch, H., Da Costa, V. T., **Parma, J. O.**, dos Santos Ribeiro, T., & Lage, G. M. (2019). Oculomotor behavior and the level of repetition in motor practice: Effects on pupil dilation, eyeblinks and visual scanning. *Human movement science*, 64, 142-152.
doi: 10.1016/j.humov.2019.02.001
- 6- Apolinário-Souza, T., Santos-Almeida, A. F., Torres, N. L., **Parma, J. O.**, Fernandes, L. A., Pereira, G. S., & Lage, G. M. (2019, September). Association Between Fast and Slow Learning and Molecular Processes in Repetitive Practice: A Post Hoc Analysis. In *Latin American Workshop on Computational Neuroscience* (pp. 91-103).
- 5- Nogueira, N. G., Fernandes, L. A., Ferreira, B. P., Batista, M. T., Alves, K. C., & **Parma, J. O.** (2019). Association Between the Catechol-O-Methyltransferase (COMT) Val158Met Polymorphism and Manual Performance Asymmetries. *Perceptual and motor skills*, 126(3), 349-365.
doi: 10.1177/0031512519834738
- 4- Ventura de Oliveira, J. R., Romano-Silva, M. A., Ugrinowitsch, H., Apolinário-Souza, T., Fernandes, L. A., **Parma, J. O.**, & Lage, G. M. (2019). Cathodal tDCS of the left posterior parietal cortex increases proprioceptive drift. *Journal of Motor Behavior*, 51(3), 272-280.
doi: 10.1080/00222895.2018.1468311
- 3- Ferreira, B. P., Malloy-Diniz, L. F., **Parma, J. O.**, Nogueira, N. G., Apolinário-Souza, T., Ugrinowitsch, H., & Lage, G. M. (2019). Self-controlled feedback and learner impulsivity in sequential motor learning. *Perceptual and Motor Skills*, 126(1), 157-179.
doi: 10.1177/0031512518807341
- 2- Nogueira, N. G. D. H. M., Bacelar, M. F. B., de Paula Ferreira, B., **Parma, J. O.**, & Lage, G. M. (2019). Association between the catechol-O-methyltransferase (COMT) Val158Met polymorphism and motor behavior in healthy adults: A study review. *Brain Research Bulletin*, 144, 223-232.
doi: 10.1016/j.brainresbull.2018.11.002
- 1- **Parma, J. O.**, & Penna, E. M. (2018). The relative age effect on Brazilian elite volleyball. *Journal of Physical Education*, 29.
doi: 10.4025/jphyseduc.v29i1.2942

Published Abstracts/Conference Presentations

* Indicates presenter

** Indicates mentee

Indicates presentation received award

- 31- **Parma, J. O.***, Miller, M. W., Bacelar, M. F. B. (2023). An examination of the evidence for the role of motivation in motor learning. *Annual Meeting of the North American Society for the Psychology of Sport and Physical Activity (NASPSPA)*. Oral presentation.

30- **Parma, J. O.***, Bacelar, M. F. B., Cabral, D. A. R., Arianna E. Fernandez**, Josh Gann**, Kaila Green**, Will Homes**, Kate Messikomer**, Daniel Morris**, Lohse, K. R., Hodges, N. J., & Miller, M. W. (2022). Evidence against target zone benefits for enhancing motor learning: A high powered study comparing large and small targeted aiming. *Annual Meeting of the North American Society for the Psychology of Sport and Physical Activity (NASPSA)*. Oral presentation.

29- McKay, B., Bacelar, M. F. B., **Parma, J. O.**, Miller, M. W., & Carter, M. J. (2022). Publication bias and underpowered study designs in enhanced expectancies and self-controlled learning research: A meta-analysis. *Annual Meeting of the North American Society for the Psychology of Sport and Physical Activity*. Oral presentation.

28- Cabral, D. A. R., Daou, M., **Parma, J. O.**, Holmes, W.**, Green, K.**, Morris, D.**, Gann, J.**, Messikomer, K.**, Franklin, W.**, Bacelar, M. F. B., & Miller, M. W. (2022). Does learning a skill with the expectation of teaching it impair the skill's execution under psychological pressure if the skill is learned with analogy instructions? *Annual Meeting of the North American Society for the Psychology of Sport and Physical Activity*. Oral presentation.

27- Cheval, B., Cabral, D. A. R., Daou, M., Bacelar, M. F. B., **Parma, J. O.**, Forestier, C., Orsholits, D., Maltagliati, S., Sander, D., Boisgontier, M. P., & Miller, M. W. (2022). Inhibitory control elicited by physical activity and inactivity stimuli: an EEG study. *16th European Congress of Sport & Exercise Psychology*. Oral presentation.

26- Bacelar, M., **Parma, J.**, Cabral, D., Lohse, K., & Miller, M. (2021). Beyond correct vs. Incorrect: investigating graded feedback processing in a more naturalistic skill learning paradigm. *Annual Meeting of the Society for Psychophysiological Research*. International Conference. Virtual poster presentation.

25- Bacelar, M. F. B., **Parma, J.**, Murrah, W., & Miller, M. (2021). Meta-analysis of enhanced expectancies in motor learning. *Annual Meeting of the North American Society for the Psychology of Sport and Physical Activity (NASPSA)*. International Conference. Virtual oral presentation.

24- Cheval, B., Cabral, D., Daou, M., Bacelar, M., **Parma, J.**, Forestier, C., Orsholits, D., Maltagliati, S., Sander, D., Boisgontier, M., & Miller, M. (2021). Sedentary behaviors and cognitive control: an EEG study. *Annual Meeting of the North American Society for the Psychology of Sport and Physical Activity (NASPSA)*. International Conference. Virtual poster presentation.

23- **Parma, J.***, Bacelar, M., Murrah, W., & Miller, M. (2021) Stay positive: A meta-analysis of enhanced expectancies on motor learning. *Auburn University This is Research Student Symposium*. Auburn, Alabama, USA. Graduate and undergraduate student symposium. Virtual oral presentation. AUBURN RESEARCH STUDENT SYMPOSIUM 2021-WIDE GRADUATE STUDENT WINNER IN HUMAN SCIENCES, SOCIAL SCIENCES, CREATIVE ARTS, AND HUMANITIES.

22- Fernandez, A.**, Bacelar, M., **Parma, J.**, Cabral, D., Covington, R.**, Franklin, W.**, Walker, E.**, Tracy, K.**, & Miller, M.** (2021) Self-control feedback paradigm: Is error estimation behind the learning effect? *Auburn University This is Research Student Symposium*. Auburn, Alabama, USA. Graduate and undergraduate student symposium. Virtual poster presentation. AUBURN UNIVERSITY AUBURN RESEARCH STUDENT SYMPOSIUM 2021-COLLEGE OF EDUCATION

21- **Parma, J.***, Zona, V., Bacelar, M., Cabral, D., & Miller, M. W. (2020). The effect of distinct settings and types of exercise images on the automatic processing of non-exercisers. In: Annual

Meeting of the North American Society for the Psychology of Sport and Physical Activity. *Journal of sport & exercise psychology*. Virtual oral presentation.

20- Bacelar, M., **Parma, J.**, McClure, M., Barnes, B., Holley, J., Cabral, D., Daou, M., Lohse, K., & Miller, M. (2020). Error estimation during practice may hinder motor learning: evidence from a self-controlled feedback paradigm. In: Annual Meeting of the North American Society for the Psychology of Sport and Physical Activity. *Journal of sport & exercise psychology*. Virtual oral presentation.

19- Cheval, B., Daou, M., Cabral, D., Bacelar, M., **Parma, J.**, Forestier, C., Orsholits, D., Sander, D., Boisgontier, M., & Miller, M. (2020). Response inhibition to physical inactivity stimuli in an affective go/no-go task. In: Annual Meeting of the North American Society for the Psychology of Sport and Physical Activity. *Journal of Sport & Exercise Psychology*. Virtual oral presentation.

18- Nogueira, N. G. H. M., Miranda, D. M., Ferreira, B. P., **Parma, J. O.**, Apolinario-Souza, T., Bicalho, L. E. A., Albuquerque, M. R., Uguinowitsch, H., LAGE, G. M. (2019). Aprendizagem motora e polimorfismo Val158Met da COMT: análise do comportamento oculomotor. In: 7º Congresso Brasileiro de Neurovisão, *Livro de publicações do 7º Congresso Brasileiro de Neurociências da Visão*. Poster presentation.

17- Pinto, S. M., Nogueira, N. G. H. M., **Parma, J. O.**, Ferreira, B. P., Lage, G. M. (2019). Participação do cerebelo na aprendizagem de uma habilidade motora sequencial praticada de forma aleatória. In: II Encontro MG de Comportamento Motor, 2019, São João del-Rei / MG. *Motor Behavior Research*, 2. Poster presentation.

16- Ferreira, B. P., Nogueira, N. G. H. M., Lelis-Torres, N., **Parma, J. O.**, Lage, G. M. (2019). A influência do cronotipo no controle motor em diferentes turnos. In: II Encontro MG de Comportamento Motor. *Motor Behavior Research*, 2. Poster presentation.

15- **Parma, J. O.***, Ferreira, B. P., Lage, G. M. (2018). Impulsivity and self-controlled feedback in motor learning. In: São Paulo School of Advanced Science on Social and Affective Neuroscience. Poster presentation.

14- Ferreira, B. P., Nogueira, N. G. H. M., **Parma, J. O.**, Lelis-Torres, N., Lage, G. M. (2018). Polimorfismo genético val158met da catecol-O-metiltransferase (COMT): associação com a aprendizagem motora. In: IX Congresso Brasileiro de Comportamento Motor. *Brazilian Journal of Motor Behavior*, 12. Poster presentation.

13- Ferreira, B. P., **Parma, J. O.**, Batista, M. T. S., Nogueira, N. G. H. M., Lage, G. M. (2018). Impulsividade na aprendizagem motora: implicações nos benefícios do autocontrole. In: IX Congresso Brasileiro de Comportamento Motor. *Brazilian Journal of Motor Behavior*, 12. Poster presentation.

12- Lelis-Torres, N., Nogueira, N. G. H. M., Ferreira, B. P., **Parma, J. O.**, LAGE, G. M. (2018). Estrutura de prática e esforço cognitivo: análise de densidade espectral de potência. In: IX Congresso Brasileiro de Comportamento Motor, *Brazilian Journal of Motor Behavior*, 12. Poster presentation.

11- **Parma, J. O.***, Lelis-Torres, N., Ferreira, B. P., Nogueira, N. G. H. M., Lage, G. M. (2018). Estimulação Transcraniana por Corrente Contínua: Efeitos na aprendizagem de uma habilidade motora complexa. In: IX Congresso Brasileiro de Comportamento Motor. *Brazilian Journal of Motor Behavior*, 12. Oral presentation.

10- Ferreira, B. P., Lelis-Torres, N., Nogueira, N. G. H. M., **Parma, J. O.**, Lage, G. M. (2018). Estrutura de prática e esforço cognitivo: análise de potência espectral. In: I Encontro MG de Comportamento Motor. *Motor Behavior Research*, 1. Poster presentation.

9- Fernandes, L. A.; **Parma, J. O.***; Apolinário-Souza, T.; Lage, G. M. (2017). Asymmetries reductions by neural stimulation. In: 5º Encontro Paulista de Comportamento Motor. *Brazilian Journal of Motor Behavior*, 11. Poster presentation.

8- Ferreira, B. P.; Nogueira, N. G. H. M.; **Parma, J. O.**; Lage, G. (2017). M. Individual differences in motor learning: the roles of impulsivity and self-controlled feedback. In: VIII Seminário Mineiro de Comportamento Motor. *Brazilian Journal of Motor Behavior*, 11. Poster presentation.

7- **Parma, J. O.***; Nogueira, N. G. H. M.; Ferreira, B. P.; Pinto, S. M.; Lage, G. M. (2017). tDCS and complex motor skills: a systematic review. In: VIII Seminário Mineiro de Comportamento Motor. *Brazilian Journal of Motor Behavior*, 11. Poster presentation.

6- **Parma, J. O.***; Ferreira, B. P.; Apolinário-Souza, T.; Nogueira, N. G. H. M.; Lage, G. M. (2017). Effects of the tDCS in the primary motor cortex in learning a complex motor skill. In: VIII Seminário Mineiro de Comportamento Motor. *Brazilian Journal of Motor Behavior*, 11. Poster presentation.

5- Bicalho, L. E. A., Ribeiro, T. S., **Parma, J. O.**, Albuquerque, M. R., Lage, G. M. (2017). Implications of the practice schedules in visual parameters of cognitive effort in the acquisition of a motor skill. In: VIII Seminário Mineiro de Comportamento Motor. *Brazilian Journal of Motor Behavior*, 11. Poster presentation.

4- Nogueira, N. G. H. M., Batista, M. T., **Parma, J. O.**, Silva, J. P., Lage, G. M. (2017). Association between the val158met Catecol-o-metiltransferase polymorphism and practice schedules. In: VIII Seminário Mineiro de Comportamento Motor. *Brazilian Journal of Motor Behavior*, 11. Poster presentation.

3- Ribeiro, T. S., **Parma, J. O.**, Bicalho, L. E. A., Lage, G. M. (2017). Association between working-memory and practice schedules in motor learning. In: VIII Seminário Mineiro de Comportamento Motor. *Brazilian Journal of Motor Behavior*, 11. Poster presentation.

2- Ferreira, B. P., **Parma, J. O.**, Nogueira, N. G. H. M., Lelis-Torres, N., Lage, G. M. (2017). Interaction between impulsivity levels and self-controlled feedback: consequences for the processing time. In: VIII Seminário Mineiro de Comportamento Motor. *Brazilian Journal of Motor Behavior*, 11. Poster presentation.

1- **Parma, J. O.***, Noce, F. (2013). Análise da Performance Decisória de Tenistas Paralímpicos. In: XXII Semana de Iniciação Científica da UFMG. Poster presentation.

Grant Participation

Agency: Coordination for the Improvement of Higher Education Personnel (CAPES) | Young Talents for Science Grant

Date: 2013

Title: Relation of personality traits and decision-making in wheelchair tennis players

Description: The project investigated whether personality traits could predict decision-making performance of an understudied athlete population (wheelchair tennis players) during a practice day and competition day.

Lead PI: Franco Noce, Ph.D.

Role: Research assistant responsible for literature review, data collection, analysis, interpretation, and dissemination of results.

Total cost: R\$ 4,800 (BRA) student stipend

TEACHING

My goal is to foster students' critical thinking and curiosity while conveying information essential to their professional practices in a relatable way, such that students can understand how to apply their knowledge in real-world settings and in their daily and professional lives. I also aim to help students to become educated consumers of research and to understand the importance of doing so given the great responsibility they acquire with a higher education degree. Promoting diversity, inclusion, and communication are important foundations of my practice as a teacher in an attempt to incentivize students to be good citizens and give back to society, and to feel like they belong in university.

Teaching Experience

2023 - present

Assistant Professor | Department of Kinesiology
San Francisco State University, San Francisco, CA

Role: Teaches undergraduate and graduate courses as the lead instructor for kinesiology majors and master students.

2019 - 2022

Graduate Teaching Assistant | School of Kinesiology
Auburn University, Auburn, AL

Role: Taught six different undergraduate courses as the lead instructor using a variety of modes (face-to-face, online synchronous, blended, and online asynchronous) for kinesiology and non-kinesiology majors.

Courses

Department of Kinesiology, San Francisco State University

Lead instructor

- KIN 486 - Motor Learning

School of Kinesiology, Auburn University

Lead instructor

- KINE 3650 - Motor Learning and Performance
- KINE 3651 - Motor Learning and Performance Lab
- KINE 2251 - Motor Development Across the Lifespan
- KINE 2251 - Motor Development Across the Lifespan Lab
- KINE 3823 - Principles of Sport Coaching
- KINE 1103 - Wellness
- PHED 1003 - Active Auburn

School of Physical Education, Physical Therapy, and Occupational Therapy, Universidade Federal de Minas Gerais

Guest lecturer

- EEf 027 - Motor Control

Student Evaluation

Semester	Course	Enrollment	Mean
Fall 2019	KINE3823 002 - Principles of Sport Coaching	43	5.63
Fall 2019	PHED1003 010 - Active Auburn	52	5.66
Spring 2020	KINE3823 001 - Principles of Sport Coaching	43	5.29
Spring 2020	KINE3823 003 - Principles of Sport Coaching	45	4.99
Summer 2020	KINE3823 001 - Principles of Sport Coaching	13	5.90
Fall 2020	KINE3651 001 - Motor Learning & Perform Lab	18	6.00
Fall 2020	KINE3651 005 - Motor Learning & Perform Lab	20	5.70
Fall 2020	KINE3823 001 - Principles of Sport Coaching	36	5.51
Spring 2021	KINE1103 010 - Wellness	51	5.56
Spring 2021	KINE3651 001 - Motor Learning & Perform Lab	22	5.00
Spring 2021	KINE3651 002 - Motor Learning & Perform Lab	20	5.19
Spring 2021	KINE3651 003 - Motor Learning & Perform Lab	20	5.29
Summer 2021	KINE3651 D01 - Motor Learning & Perform Lab	21	6.00
Fall 2021	KINE2251 001 - Motor Dev Lifespan Lab	14	5.09
Fall 2021	KINE2251 002 - Motor Dev Lifespan Lab	13	5.59
Fall 2021	KINE3651 D06 - Motor Learning & Perform Lab	22	5.61
Fall 2021	KINE3651 D07 - Motor Learning & Perform Lab	22	4.71
Fall 2021	KINE3651 D08 - Motor Learning & Perform Lab	22	4.79
Spring 2022	KINE2250 D01 - Motor Devel Across Lifespan	38	5.09
Spring 2022	INE3650 001 - Motor Learning and Performance	29	5.67
Spring 2022	KINE3651 D01 - Motor Learning & Perform Lab	22	5.73
Summer 2022	KINE2250 D01 - Motor Devel Across Lifespan	18	4.57

Note: Scores are based on a 6-point scale.

MENTORING

I formally train graduate and undergraduate research assistants to collect, manage, process, and analyze data, prepare abstracts, posters, and present scientific findings. I also design, coordinate, and conduct discussion groups to develop in undergraduate students the appreciation for good research practices, and to teach general and specific research terms and methods in motor learning, as well as helping them with professional development and communication skills.

Mentees

Auburn University

Graduate (master's) students:

Fall 2021 – Spring 2022 Gage Ellis | Exercise Science
 Spring 2022 Matthew Bucci | Exercise Science

Undergraduate research fellow:

Fall 2019 – Spring 2020 Victoria Zona | Neuroscience
Project Title: Do non-exercisers spontaneously evaluate outdoor exercise images as more positive than indoor exercise images, and sport-based exercise images as more positive than gym-based exercise images?

Undergraduate students:

Fall 2022 Amanda Young | Biomedical Sciences
 Dustyn Lewis | Exercise Science
 Georgia Kamburis | Biomedical Sciences

Summer 2022 Ashlee Johnson | Psychology

Fall 2021 – Fall 2022 Daniel Morris | General Sciences and Mathematics
 Kaila Green | Exercise Science

Fall 2020 – Spring 2022 Arianna Fernandez | Exercise Science

Fall 2021 – Spring 2022 Katherine Messikomer | Exercise Science

Fall 2021 Josh Gann

Summer 2021 – Fall 2021 Will Holmes

Summer 2021 Elizabeth Hartfield | Pharmacy

Fall 2020 – Spring 2021 Caroline Tracy | Finance
 Ella Walker | Biomedical Science
 Ross Covington | Biomedical Science
 Will Franklin | Chemistry & Biochemistry

Spring 2020 Baleigh Nelson | Exercise Science

Fall 2019 Natalie King | Biomedical Science
 Max Michel | Exercise Science

Universidade Federal de Minas Gerais

Undergraduate student:

Spring 2019 Luciano C. dos Santos | Physical Education
Undergraduate Thesis Title: Effects of focus of attention on sprint performance of spinal-cord injured athletes

ACADEMIC AWARDS

2023 Outstanding Graduate Student Council Senator, Graduate Student Council, Auburn University.

- 2023 Graduate Student Travel Award, College of Education, Auburn University. Awarded \$500.
- 2023 Graduate Student Travel Award, Graduate Student Council, Auburn University. Awarded \$300.
- 2022 Graduate Student Council Senator of the Month Award, Graduate Student Council, Auburn University. Awarded \$150.
- 2022 Graduate Student Travel Award, College of Education, Auburn University. Awarded \$500.
- 2022 Graduate Student Travel Award, Graduate Student Council, Auburn University. Awarded \$300.
- 2021 1st Place Wide Graduate Student in Human Sciences, Social Sciences, Creative Arts, and Humanities Oral Presentation, Auburn Research Student Symposium, Auburn University. Awarded \$500.
- 2021 Graduate Student Travel Award, School of Kinesiology, Auburn University. Awarded \$750.
- 2020 Graduate Student Travel Award, School of Kinesiology, Auburn University. Awarded \$300.
- 2019 Graduate Student Travel Award, School of Kinesiology, Auburn University. Awarded \$350.
- 2018 School of Advanced Science on Social and Affective Neuroscience Scholarship, Mackenzie Presbyterian University. Awarded round trip transportation to host city; funding to cover room, board, and attendance to the event.
- 2015 School of Psychology Academic Award, University of Leeds, UK.
- 2014 Minas Mundi Program Scholarship, University of Leeds and Universidade Federal de Minas Gerais. Awarded full tuition at University of Leeds over one semester to study abroad.

PROFESSIONAL AND ACADEMIC SERVICES

Scientific and Professional Memberships

2019 - present	North American Society for the Psychology of Sport and Physical Activity member
2018 - 2019	Brazilian Society of Motor Behavior member
2019 - 2023	Performance and Exercise Psychophysiology lab member, School of Kinesiology, Auburn University
2016 - 2020	Nucleus of Movement Neuroscience, School of Physical Education, Physical Therapy, Occupational Therapy, Universidade Federal de Minas Gerais, Brazil
2015 - 2019	Study group in Motor Learning and Development member, School of Physical Education, Physical Therapy, Occupational Therapy, Universidade Federal de Minas Gerais, Brazil
2012 - 2014	Sport Psychology Lab member, School of Physical Education, Physical Therapy, Occupational Therapy, Universidade Federal de Minas Gerais, Brazil

Professional Services

2022 – 2023	Senator , Auburn University Graduate Student Council, Auburn University
2022 – 2023	Wellness Committee , Graduate Student Council, Auburn University
2022 – 2023	Diversity and Inclusion Initiative Committee , School of Kinesiology, Auburn University
2021	Guest speaker , Universidade Federal de Minas Gerais - Brazil <i>Talk title: Motivation and Motor Learning</i>

Scientific Journal Reviewer for:

- Psychology of Sport and Exercise
- Research Quarterly for Exercise and Sport
- Motor Control
- Motricidade

OUTREACH

- Instructor in a summer camp for children with Autism Spectrum Disorder with focus on entertaining, socializing, and motor developing these children. Conducted a workshop teaching basic artistic gymnastic skills, basketball, and dance. Supervised other leisure activities.

TRAINING

- Case Studies in Mentoring, Elizabeth Jackson, MD, MPH, Center for Clinical and Translational Science (CCTS), University of Alabama at Birmingham (UAB)
- Safe Zone Training, Student Counseling and Psychological Services, Auburn University
- Biomedical and Social Behavioral Researcher, Collaborative Institutional Training Initiative (CITI)
- School of Advanced Science on Social and Affective Neuroscience, Makenzie Presbyterian University

REFERENCES

- **Matthew W. Miller, Ph.D.**, Professor, School of Kinesiology, Auburn University, Auburn, AL E-mail: mwm0024@auburn.edu Phone: 334-844-2717
 - **Melissa Pangelinan, Ph.D.**, Associate professor, School of Public Health, Indiana University, Bloomington, IN E-mail: mpangel@iu.edu Phone: 334-744-4142
 - **Keith R. Lohse, Ph.D.**, Associate Professor, Program of Physical Therapy and Department of Neurology, Washington University School of Medicine, St. Louis, MO E-mail: lohse@wustl.edu Phone: 314-286-1426
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