

MAYRON PEREIRA PICCOLO RIBEIRO,

PHD, BCBA, LABA

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RESEARCH & TEACHING INTERESTS

PhD in Psychology with expertise in experimental research with clinical and non-clinical populations and experience in self-report, behavioral, neuroimage, and statistical analyses. Strong background in higher education student support and program management. Extensive teaching experience in multiple countries and languages developing and delivering psychology- and neuroscience-related courses.

EDUCATION

- 2020** **Ph.D. in Psychology**, *insigni cum laude*, University of Fribourg, Switzerland
Dissertation: Reward-related biological and behavioral responses associated with eating – Insights from anorexia nervosa and obesity research.
Faculty Mentor: Dr. Chantal Martin-Sölch, Professor of Psychology
Funding: Swiss Excellence Scholarship for Foreign Scholars
- 2016** **M.Sc. in Behavior Analysis**, Universidade Estadual de Londrina, Brazil
- 2016** **B.S. (Hons.) in Psychology**, Faculdade Pitágoras de Londrina, Brazil
- 2011** **B.A. (Hons.) in Theology**, Faculdade Teológica Sul Americana, Brazil

TEACHING & ADVISING EXPERIENCE

Lecturer in Psychology, Harvard College (2023 – current)

Harvard College Fellow, Harvard College (2021 – 2023)

Responsibilities include developing and leading seminars and lecture courses.

- The Science and Psychology of Music. (Spring 2022 | Fall 2022 | Winter 2023 | Fall 2023 | Fall 2024). Harvard College. 35 undergraduate students
- Intercultural Perspectives on Trauma. (Spring 2022; Spring 2023 | Spring 2024). Harvard College. 20 undergraduates
- Broken Brains: Mechanisms and Markers in Mental Illness. (Fall 2021 | Fall 2022 | Fall 2023). Harvard College. 14 | 16 undergraduates resp.

- Too Much of a Good Thing: Psychology of Reward. (Spring 2024) Harvard College. 30 undergraduate students

Faculty Advisor, Harvard College (2023 – current)

Responsibilities include providing academic advising to first-year and sophomore students until concentration declaration (late sophomore fall)

Adjunct Assistant Professor, Columbia University (Spring 2023 | Fall 2023 | Spring 2024)

- The Science and Psychology of Music. (Spring 2023; Fall 2023). Columbia College. Capped at 12 undergraduates
- Psychology of Reward. (Spring 2024). Columbia College. Capped at 15 undergraduates

Miscellaneous Adjunct Positions

- Cross-Cultural Studies on Traumatic Experiences. (Fall 2023). New York University. 12 graduates
- Organizational Behavior. (Spring 2017). Universidade Norte do Paraná. 30 undergraduates
- Psychology: Science and Profession. (Spring 2017). Faculdade Tecnológica do Vale do Itaip. 45 undergraduates
- Scientific Methodology. (Spring 2017). Instituto Rhema de Educação. 50 graduates
- Music and Early Education. (Spring 2017). Instituto Rhema de Educação. 50 graduates
- Theories of Personality. (Fall 2016). Instituto Rhema de Educação. 30 graduates
- Psychology of Communication. (Fall 2016). Universidade Norte do Paraná. 25 undergraduates
- Development and Learning. (Spring 2016). Universidade Norte do Paraná. 6 undergraduates

Invited Lecturer (*chargé de cours*)

- Underlying Mechanisms in Psychopathology. (Spring 2022). University of Fribourg.
- Competences in Diagnosis of Feeding and Eating & Depressive Disorders. (Spring 2019, Spring 2021). University of Fribourg. 30 graduates each
- Applied Behavior Analysis. (Fall 2020). University of Fribourg. 24 graduates
- Séminaire Interculturel sur les Traumatismes. (Spring 2019). University of Fribourg. 30 graduates
- Troubles de la Personnalité. (Fall 2018). University of Fribourg. 96 graduates

Research Advisor

Two undergraduate students (honors in Psychology) at Harvard University

One graduate student (master's) at Harvard Extension School

Eight graduate students (master's in clinical psychology) at the University of Fribourg.

Teaching Fellow

Universidade Estadual de Londrina, 2014-16

High School + Technical School

English as a Second Language Teacher, Pedagogical Coordinator, Managing Director

Escola Fisk de Araçongas, 2001-2017

Sociology Teacher

Colégio Olimpus de Araçongas, 2012-15

MANAGEMENT EXPERIENCE

2014-2017 Director, Escola Fisk de Araçongas

Responsibilities included managing an annual budget of approximately \$100,000, hiring and training staff and faculty, managing language program

RESEARCH EXPERIENCE

2021-2023 College Fellow, Department of Psychology, Harvard University

Faculty Mentor: Dr. Jill Hooley, Professor of Psychology

2019-2022 Visiting Research Fellow, McLean Hospital, Harvard Medical School

Faculty Mentors: Dr. Diego Pizzagalli, Professor of Psychiatry & Dr. Kristin Javaras, Assistant Professor of Psychology

Funding: Swiss National Science Foundation

2014-2016 Research Assistant, Universidade Estadual de Londrina

Faculty Mentor: Dr. Célio Estanislau

Developed and implemented a teaching and learning program to help children on the autism spectrum disorder to pronounce vowels

FELLOWSHIPS & AWARDS

Harvard University, Psychology Research Innovation Fund (\$20,000.00), 2023

Harvard University, Certificate in Teaching Excellence, Fall 2021, Spring 2022

Society for the Advancement of Behavior Analysis Student Member Grant, 2020

Swiss National Science Foundation, DocMobility Grant (\$55,000.00), 2019-20

University of Fribourg, Fonds d'Action Facultaire (\$3,400.00), 2019, 2020

Swiss Federal Confederation, Excellence Scholarship for Foreign Scholars (USD 69,200.00), 2017-20

Universidade Estadual de Londrina, 2016, Graduate Student Recognition Award

PUBLICATIONS

SELECTED PUBLICATION

1. **Piccolo, M.**, Belleau, E. L., Holsen, L. M., Trivedi, M. H., Parsey, R. V., McGrath, P. J., Weissman, M. M., Pizzagalli, D. A., & Javaras, K. N. (2022). Alterations in resting-state functional activity and connectivity for major depressive disorder appetite and weight disturbance phenotypes. *Psychological Medicine*, 1–11. Advance online publication. <https://doi.org/10.1017/S0033291722001398>

ADDITIONAL PUBLISHED RESEARCH

2. Tandon, T., **Piccolo, M.**, Ledermann, K., McNally, R., Gupta, R., Morina, N., & Martin-Soelch, C. (2024). Mental Health Markers and Protective Factors in Students with Symptoms of Physical Pain across WEIRD and non-WEIRD Samples – a Network Analysis. *BMC Psychiatry*, 24(318). <https://doi.org/10.1186/s12888-024-05767-3>
3. Tandon, T., **Piccolo, M.**, Ledermann, K., Gupta, R., Morina, N., & Martin-Soelch, C. (2022). Relationship between behavioral and mood responses to monetary rewards in a sample of Indian students with and without reported pain. *Scientific Reports*, 12(1), 20242. <https://doi.org/10.1038/s41598-022-24821-2>
4. Pasi, P., **Piccolo, M.**, Kaufmann, L. K., Martin-Soelch, C., Müller-Pfeiffer, C., & Milos, G. (2022). Estimation of meal portions in bulimia nervosa compared to anorexia nervosa and healthy controls. *Eating and weight disorders: EWD*, 27(7), 2665–2672. <https://doi.org/10.1007/s40519-022-01410-w>
5. Tandon, T., Ledermann, K., Gupta, R., Morina, N., Wadji, D. L., **Piccolo, M.**, Martin-Soelch, M. (2022). The Relationship between Behavioral and Mood Responses to Monetary Rewards in a Healthy Sample of Students with and without Reported Pain. *Humanities and Social Sciences Communications*, 9(30). doi.org/10.1057/s41599-022-01044-4
6. **Piccolo, M.**, Claussen, M. C., Bluemel, S., Schumacher, S., Cronin, A., Fried, M., ... Milos, G. (2020). Altered circulating endocannabinoids in anorexia nervosa during acute and weight-restored phases: A pilot study. *European Eating Disorders Review*, *erv*.2709. <https://doi.org/10.1002/erv.2709>
7. **Piccolo, M.**, Milos, G., Bluemel, S., Schumacher, S., Muller-Pfeiffer, C., Fried, M., ... Martin-Soelch, C. (2020). Effects of hunger on mood and affect reactivity to monetary reward in women with obesity - A pilot study. *PLoS ONE*, 15(5), e0232813. [doi:10.1371/journal.pone.0232813](https://doi.org/10.1371/journal.pone.0232813)

8. **Piccolo, M.**, Milos, G., Bluemel, S., Schumacher, S., Müller-Pfeiffer, C., Ernst, M., Martin-Soelch, C. (2019). Food vs money? Effects of hunger on mood and behavioral reactivity to reward in anorexia nervosa. *Appetite*, 139C, 26-33. <https://doi.org/10.1016/j.appet.2018.12.017>
9. **Piccolo, M.**, Milos, G. F., Bluemel, S., Schumacher, S., Mueller-Pfeiffer, C., Fried, M., ... Martin-Soelch, C. (2019). Behavioral Responses to Uncertainty in Weight-Restored Anorexia Nervosa – Preliminary Results. *Frontiers in Psychology*, 10, 2492. <https://doi.org/10.3389/fpsyg.2019.02492>
10. **Piccolo, M.**, David, L., Dantas, L. Z., Cinel, K. C., & Muchon, C. (2018). Causal versus functional: um dialogo entre Mayr e Skinner. In N. Kienen, et. al (Orgs), *Analise do Comportamento: conceitos e aplicacoes a processos educativos, clinicos e organizacionais* (pp. 105-115). Londrina: Universidade Estadual de Londrina.
11. **Piccolo, M.**, Martin-Soelch, C., Araujo, J. de C., & Estanislau, C. (2019). A anorexia nervosa e os sistemas neurobiologicos que regulam o consumo de alimentos. In J. C. Luzia, et al. (Orgs), *Psicologia e Analise do Comportamento*. Londrina: Universidade Estadual de Londrina.
12. Filgueiras, G. B., Maio, T. P, Bibiano, A. G., David, L., **Piccolo, M.**, Ribeiro, L., & Luzia, J. C. (2019). Aspectos neurobiologicos e sociais da evolucao da empatia humana. In J. C. Luzia, et al. (Eds), *Psicologia e Analise do Comportamento* (pp. 147-157). Londrina: Universidade Estadual de Londrina.

ABSTRACTS IN CONFERENCE PROCEEDINGS

Piccolo, M., Belleau, E., Holsen, L. M., Pizzagalli, D., & Javaras, K. N. (2021). Alterations in resting-state functional activity and connectivity for major depressive disorders eating phenotypes. *Biological Psychiatry*, 89 (9), S353. [doi:10.1016/j.biopsych.2021.02.879](https://doi.org/10.1016/j.biopsych.2021.02.879)

PRESENTATIONS

INVITED TALKS AND CONFERENCES

Is *communal music* a topic worth investigating? Universidade Federal do ABC, Conversas Neuromusicais, Brazil, June 3, 2024

Harmony in Community: exploring the psychological, cultural, and social dimensions of communal music. University of Massachusetts Dartmouth, Psychology Research Conference, United States, May 7, 2024

Cross-cultural perspectives on PTSD, Harvard Extension School, Psychology Student Society, Cambridge, United States, April 27, 2024

Communal music, social reward, and sense of belonging, Universidade Federal do Mato Grosso do Sul, Brazil, March 06, 2024

Behavioral aspects related to obesity and anorexia and to eating behavior in general, Research Day on Nutrition, Fribourg, Switzerland, November 14, 2022

Recent studies on the effect of hunger on cognition and emotion, 17th Conference of the Swiss Psychological Society, Switzerland, September 6, 2022

Interactions between appetite and depression, VII Congresso de Psicologia e Análise do Comportamento, Brazil, May 12, 2022

Intercultural Perspectives on Psychopathology and Trauma, Congresso de Psicologia e Medicina Comportamental, Brazil, September 01, 2021

Advances on anorexia nervosa research, V Congresso de Psicologia e Análise do Comportamento, Brazil, May 06, 2020

Food vs Money: reactivity to monetary rewards in anorexia nervosa, Cognition Day, University of Fribourg, Switzerland, October, 2018

Interactions between hunger and reward: mood reactions to reward in anorexia nervosa under starvation and satiety states, 48th Annual Congress of the European Association of Behavioral and Cognitive Therapies, Bulgaria, September 07, 2018

Anorexia nervosa and the reward system, IV Congresso de Psicologia e Análise do Comportamento, Brazil, June 2018

Cause vs Function: behavior analysis and evolutive biology revisited, V Congresso de Psicologia e Análise do Comportamento, Brazil, June 2018

O tratamento do TDAH : medicar é um exagero?, III Congresso de Psicologia e Análise do Comportamento, Brazil, June 2016

POSTERS

Alterations in Resting-State Functional Activity and Connectivity for Major Depressive Disorder Eating Phenotypes, Society of Biological Psychiatry, USA, April 30, 2021

Teaching intraverbal to children with autism spectrum disorder, 14th Annual Autism Conference, Association for Behavior Analysis International, USA February 28, 2019

Altered patterns of perception in obesity, 48th Annual Congress of the European Association of Behavioral and Cognitive Therapies, Bulgaria, September 08, 2018

PROFESSIONAL AND CLINICAL SERVICE & AFFILIATIONS

2022- **Member of Pesquisadores Universitários Brasileiros (PUB) Boston**

2022- **Member of the Society for Research in Psychopathology**

2022- **Board Certified Behavior Analyst (Supervisor)**
North Suffolk Mental Health Association

2021- **Officer**
Harvard Brazilian Association of Students and Scholars

2020- **Founder & Content Producer**
Psicologia no Sofá (@*psicologianosofa* on Instagram)

2020-2021 **Behavior Management Clinician**
Bay Coast Behavioral, Greater Boston

2018-2020 **Psychology Officer**
Conférence Universitaire de Suisse Occidentale

2019 **Pain Research Forum Correspondent**
Cognitive and Affective Neuroscience of Pain

2010-2017 **Youth Pastor**
Presbyterian Church Arapongas (Brazil)