

José Javier Bórquez Heríquez

*Student in the Master's program of Social and Cognitive Neuroscience,
Universidad Adolfo Ibáñez*

e-mail: joseborquez@alumnos.uai.cl / Phone: +56 97420 8912 / [LinkedIn](#)

EDUCATION

- | | |
|----------------------|---|
| 2025 – expected 2026 | <u>MSc in Social and Cognitive Neuroscience, Universidad Adolfo Ibáñez.</u>
Supervisors: Dr. L. Sebastian Contreras, Dr. David Huepe and Dr. Diego Garrido. |
| 2022 – 2024 | <u>BSc in Psychology, Universidad Adolfo Ibáñez</u> |
| 2022 – expected 2026 | <u>Psychologist (professional qualification). Universidad Adolfo Ibáñez</u> |

ACADEMIC EXPERIENCE

- | | |
|-------------|---|
| 2026 - | <u>Research Internship, NeuroCiCS, Neuro Social and Neuromodulation lab, Center of Investigation in Social Complexity, Universidad de Desarrollo.</u> <ul style="list-style-type: none">• Development of research projects in relation to cognitive deterioration, deepening in data analysis and physiological data collection, supervised by Dr. Alejandra Figueroa. |
| 2025 – 2026 | <u>Teacher Assistant, Universidad Adolfo Ibáñez</u> <ul style="list-style-type: none">• Neuronal Bases of Behavior (B.A. in Psychology).• Motivation and Emotions (B.A. in Psychology).• Human Behavior: Emotions and Cognition (B.A. in Communications Science)• Social Determinants of Behavior (B.A. in Psychology). |
| 2024 – | <u>Research Assistant, Emotion and Social Decisions Lab, Center for Social and Cognitive Neuroscience, Universidad Adolfo Ibáñez.</u> <ul style="list-style-type: none">• Implemented multimodal measurement protocols (EEG, ECG, GSR, and Eye-tracking) for research on decision-making under stress in military population and neurophysiological device validation. Researcher assistant for FONDECYT #1231117 project, conducting neuropsychological assessments and analyzing electrophysiological data for thesis development. |

CONFERENCE PRESENTATION AND WORKSHOPS

- | | |
|--------|---|
| 2026 – | <u>Brain Health Education and Training Program, Tampere University of Applied Science & Universidad Adolfo Ibáñez .</u> Planning and creation of an international program, seeking the integration of topics related to Chile and Finland. |
| | <u>Second Latin American Congress of Cognitive Neurosciences, Neurotransmitiendo.</u> Presented a scientific poster on prosocial decisions in |

vulnerable populations, facilitating academic exchange and research collaboration with experts across Latin America.

Social Complexity Sciences Summer School, Universidad del Desarrollo.

Completed an intensive program on social complexity sciences, covering topics in prosociality, public policies, network analysis, and the neural components of behavior across diverse social contexts.

2025 – **AAIC Neuroscience Next: Chile Hub, Alzheimer's Association & Universidad Adolfo Ibáñez.** Participated in the conference on Alzheimer's research advances, focusing on the impact of social factors and environmental determinants on the disease

2024 – **Complex Trauma Congress, ADIPA.** Participated in the congress on complex trauma, analyzing clinical and neuroscientific perspectives on its impact on mental health and psychopathological comorbidity with national experts.

PUBLICATIONS (Google Scholar, [José Javier Bórquez Henríquez - Google Académico](#))

1. Rojas-Thomas, F., Macchiavello, F., Soto, V., Franco-OByrne, D., **Bórquez, J.**, Ruiz, C., ... & Contreras-Huerta, L. S. (2026). Mobile EEG as a Valid Alternative to High-Resolution Laboratory EEG Measures. *NeuroImage*, 121950.
2. Machiavello, F., Huepe, D., Vallejo-Correa, V., Rojas-Thomas, F., **Bórquez, J.**, Ruiz, C., & Contreras-Huerta, L. S. (2026). Executive Function and Affective State Recognition Show Distinct Associations with Empathic Choice Across Socioeconomic Contexts. *PsyArXiv*.

GRANT AND AWARDS

2026 – **BraHedu Grant ~ EUR 1,900.** Tampere University of Applied Science & Universidad Adolfo Ibáñez. *BraHEdu project*. This grant allowed me to participate in the BraHedu project, enabling me to experience the development of international programs and their applicability in different contexts.

Beca Summer School UDD ~ USD 550. Universidad del Desarrollo. *Social Complexity Sciences Program*. This grant allowed me to attend the program on the science of social complexity, enabling me to expand my knowledge in an interdisciplinary way.

2024 – **Competitive Funding DAE ~ USD 300.** Universidad Adolfo Ibáñez. *Dirección de Asuntos Estudiantiles*. Funding to develop a workshop on responsible use of technologies in children.

2024 – **Award for contribution to the laboratory.** Universidad Adolfo Ibáñez. *School of Psychology*. This recognition was awarded to me for my work and performance in the development of the neuroscience laboratory project.

SKILLS

- English: B2 (Cambridge)
- Data Analysis: Rstudio and MNE Python
- Project Leader
- Physiological data collection