

# PÍA CONSTANSA VALDIVIA BUHOLZER

+569 59339634

piiavaldivia3@gmail.com

linkedin.com/in/pía-valdivia-buholzer

Santiago, Chile

Neuroscience student at Adolfo Ibáñez University with strong quantitative & qualitative analytical, and problem-solving skills. Experienced in social bonds and prosocial behavior and instruments such as EEG, eye-tracker and neuropsychological test, with a solid grounding in decision making, empathy, basic coding, and friendship. Adept at critical thinking and rigor, which is crucial for experimental methodology, risk analysis, and applying data-driven insights.

Languages: Spanish (mother tongue) and English (C1).

## EDUCATION

### School

- Colegio Inmaculada de Nuestra Señora de Lourdes (2009-2018)
- Liceo Eduardo de la Barra (2019-2021): Graduated with honours, getting the first place among my classmates

### University

- Universidad Adolfo Ibáñez (2022. Currently studying)
- \*Psychology (Degree)
- \*Social and Cognitive Neuroscience (Master)

**Key programs and approved courses:** Evidence-based psychology and research methods, Quantitative methods, Qualitative methods, Argumentative writing, Cognitive Science, Neural bases of Behaviour, Cognition, emotion and decision making, Social and Cognitive Neuroscience, Social Determinants of human behavior, Exploring the brain: scientific method and critical analysis from Neuroscience, Quantitative methods, Qualitative methods, Scientific writing and research developing, Neuropsychology, General linear models, Behavioural methods for cognitive and Social Neuroscience, Neural time series analysis, Data management and visualization in R for Cognitive Neuroscience, Bio-molecular perspective for Brain Health, Social Decisions in the Brain, Computer Science for Social and Cognitive Neuroscience.

## WORK/BACKGROUND EXPERIENCE

### Congreso futuro

January 2026 – January 2026

- I am ambassador of Congreso Futuro. I was chosen to receive the speakers at the hotel. During the event, I was attaché of Mariano Sigman, Christopher J. L. Murray and Susannah Buchan, mainly. Although I was in charge of more speakers under the reason of me being kind, responsible and organised (said by the organisers of the attaché department)

### ESDLab: Adolfo Ibáñez University

October – Present

- I research, mainly, about prosocial behaviour. I have collected data for neuroscience by using EEG and eye-tracker.
- Currently, we are developing a new behavioural task related to empathy and working memory. I have worked with more than four neuroscientists since 2025.

### LIMITLESS: Just another AI Exhibition

October 2025 – October 2025

- The boss of the Master in Neuroscience chose me to exhibit at this event.
- In collaboration with the company WISE, I talked publicly about the usage of EEG and eye-tracker and its usage within the neuromarketing and usage within the field of researches.

### NASA's Analysis Working Group (AWG)

April 2026 – Present

- Active member of the Open Science Data Repository plant AWG. It's a group of volunteers who are scientists and researchers working for the within the NASA Open Science Data Repository. I belong to three departments: Human, FemaleRepro and Brain. Together, we analyse the data given by the NASA to generate new knowledge that helps understanding the space and its conditions under an interdisciplinary perspective. Some researches also get published. Currently, I am working with the Brain department, mainly.

### Other Experience:

#### University student's society

January 2026 – January 2026

- **Mentes UAI.** Founded by me. Specialised in neurodiversity. We created workshops and talked with the authorities of the university to make changes in the protocol to include neurodivergent people.
- **Disidentes UAI.** I was the co-founder. Specialised in LGBTQ+ community. We created projects like "the diversity week" and brought speakers to talk about rights of LGBTQ+ people and more social activities for the students.

#### Public debate

January 2017 – January 2017

- During my teenage, every summer I attended summer schools and I formed part of the debate group. We had to debate officially every January at the park. I attended three debates about abortion, LGBTQ+ and politics.

#### Students council

March 2024 – December 2024

- I was in charge of the "mental health" department. My team and I created a lot of projects to protect students' mental health during exam periods and to improve the sense of belonging among students.

- We also created safe spaces for students to vent about possible struggles they were facing such as burn out and academic stress.

## **ACHIEVEMENTS & CERTIFICATES**

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- Best classmate (2021): Given to me in my senior year
- Leadership (2021): Given to me in my senior year by all my professors
- First place (2021): Given to me for having a perfect score in my senior year
- President of the class in Psychology (2024): Just the title. I was chosen by my classmates
- Scientific writing (2025): For completing the course taught by Dr. Agustín Ibáñez
- Prominent participation in research (2025)
- Congreso Futuro Ambassador (2026)

## **SKILLS**

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### **Social**

Leadership, team-work, communication skills (assertive and effective), fast learner, responsible, adaptability, structured, organized and proactive.

### **Technical**

**Programming (basic):** Python & R (basic). **Neuroscience tools:** JAMOVI, Anaconda, GPower, RStudio, PsychoPy, Excel (basic).

**Core Skills:** Quantitative & Qualitative Analysis, Rigor, Problem-Solving.