

ESTEBAN SEBASTIAN LELO DE LARREA-MANCERA

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SUMMARY

I am an experimental psychologist with 14+ years of professional experience. I specialize in the development and validation of digital health assessment and training applications. ([Google scholar](#))

SELECT EXPERIENCE

Behavioral Data Scientist, BeWay Consulting. **08/2024 – Present**

- Internal Audit of 200+ experiments in applied behavioral & data science to UX.
- Coordinated with client design and product teams to deliver over \$200k (US) in UX research services.

Visiting Scholar, Instituto Nacional de Neurología y Neurocirugía & Instituto Nacional de Psiquiatría (México). **11/2021 – Present**

- Localization, validation, and testing of auditory and cognitive assessment and training apps in Spanish.
- Tested over 500+ participants including patients in clinical research settings.

Brain Game Center Researcher, University of California Riverside & Northeastern University. **09/2016 – Present**

- Led 15+ studies on multi-sensory perception and cognition.
- Collected data from 2000+ participants using digital health apps with mixed-methods.
- Managed and developed 7+ teams of 6-25 researchers.
- UX research with developed apps, generation and application of key insights to re-design.

Postdoctoral Research Associate, Northeastern University, University of California Riverside, and Oregon Health & Science University. **09/2021 – 07/2024**

- Wrote 12 first-author papers on assessment and training of auditory and cognitive function.
- Communicated research findings in 30+ presentations at international research conferences.
- Participated in writing and conducting digital health research grants for a total of \$12.5 M (US).
- Improved time-efficiency of a large battery of auditory and cognitive digital health tests by 60%.

Cognitive Neuroscience Lecturer Universidad Iberoamericana. **01/2012 – 06/2016**

- Taught 16 courses in the Cognitive Neuroscience area of the Department of Psychology.

SKILLS

Perceptual, Cognitive, Health & UX Research; Product Design and Development; Quantitative & Qualitative Research; Electrophysiology; Data analysis; Behavioral Modelling; Scientific Communication; Technical and Grant-oriented Writing; Team Management; Teaching.

AWARDS & FELLOWSHIPS

13 Awards including external funding for research and travel to academic conferences.

2023 Laureate for VR research application: Space Party Rescue: an auditory training VR experience. Developed at the XR Brain Jam, Games for Change Festival. New York City, NY, USA.

2020 PhD Fellowship (1 year) from the University of California collaboration with Mexico (UCMexus).

2016 PhD Fellowship (4 year) from the Science and Technology Council in Mexico (CONAHCYT).

2011 MSc Fellowship (1 year) from the Science and Technology Council in Mexico (CONAHCYT).

EDUCATION

Ph.D. in Cognition & Cognitive Neuroscience, *University of California Riverside, USA.* **2021**

M.A. in Psychology, *University of California Riverside, USA.* **2018**

M.Sc. in Cognitive Systems & Interactive Media, *Universitat Pompeu Fabra, Spain.* **2012**

B.A. in Psychology, *Universidad Nacional Autónoma de México, México.* **2010**

[\[full CV\]](#)