LAUREN OSTROWSKI

MD/PhD Candidate

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University of California San Diego

Education

Bachelor of Science
Brown University
Neuroscience | 2014-2018

Master of Science
University of California San Diego
Neuroscience | 2022-2024

Awards and Honors

Merkin Graduate Fellowship '24

ACM SIGHPC Computational & Data Science Fellowship '23

Sigma Xi Scientific Research Honor Society '18

Honors Thesis Designation '18

Languages

English

Spanish

Profile

MD/PhD student at the University of California San Diego, Neuroscience Graduate Program, in the laboratories of Timothy Gentner and Vikash Gilja. Interested in neural dynamics, speech and language, and brain-computer interfaces.

Work Experience

2020 – 2022

UCSD School of Medicine
Preclinical Training

- Women's Free Clinic manager
- Border Health Project, LGBTQ+ Health executive committees
- Completed USMLE Step 1

2020 – 2020

Massachusetts General Hospital & Biogen
Data Analyst

- EEG analysis for rare disease Angelman Syndrome
- Development of an EEG-based noninvasive biomarker for use in a Phase 1 clinical trial for novel gene therapy

2018 – 2020

BrainGate
Research Assistant

- Worked towards EEG-based BCI for post-stroke upper limb movement rehabilitation
- Designed software for neural signal processing with multi-institutional distribution

2016 – 2018

Chu Lab at Massachusetts General Hospital
Research Assistant

- Studied disease process in pediatric epilepsy using non-invasive physiological imaging techniques
- Modeled whole-brain structural connectivity to analyze network responses to electrical stimulation
- Studied relationship between white matter integrity and structural connectivity in language regions of the brain

Links   LinkedIn   GitHub   Publications