



LAUREN OSTROWSKI

MD/PhD Candidate

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.

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laurenostrowski.net

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

Sanford Institute Research Fellowship '24

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

Work Experience

2020

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2022

UCSD School of Medicine

Preclinical Training

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

2020

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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

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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

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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](#)