

Education

- 2019– **Massachusetts Institute of Technology**
PhD in Brain & Cognitive Sciences. Advisor: Professor Li-Huei Tsai
- 2015–2019 **Harvard College**
AB in Neurobiology. Secondary field in Mathematical Sciences.

Research Experience

- Jun 2018–May 2019 Biology R&D Intern, **Cellino Biotech, Inc** (Cambridge, MA)
Developed CRISPR-activation protocol to rapidly generate hiPSC-derived neurons using proprietary laser-based intracellular delivery platform for cell therapy manufacturing
- Jun–Aug 2017 Biopharmaceutics Intern, **Biogen Inc** (Cambridge, MA)
Designed and validated new *in vitro* assay to predict *in vivo* pharmacokinetics of oral extended-release drugs for multiple sclerosis
- Jun 2016–May 2017 Student Researcher, **Z. He Lab**, Harvard Medical School & Boston Children's Hospital
Research topic: Microglial regulation of oligodendrocyte progenitor cell proliferation and differentiation after optic nerve injury
- Feb–May 2016 Student Researcher, **O'Connell Lab**, Harvard University
Studied toxin-binding proteins and dietary ecology in Malagasy poison frogs.

Publications

- NA Moskowitz et al.** Seasonal changes in diet and toxicity in the Climbing Mantella frog (*Mantella laevis*). *PLOS ONE*, 26 Dec 2018. doi: 10.1101/361998

Teaching

- April 2020– **CovEducation** Virtual Mentorship Program (coved.org)
Taught weekly 1-hour introductory neuroscience classes to middle school students via Zoom.
- Jan 2019– **MCB80x: Fundamentals of Neuroscience**, HarvardX
Developed curriculum and served as teaching assistant for series of open-access introductory neuroscience courses, reaching over 35,000 learners annually: *MCB80.1x* (The Electrical Properties of the Neuron), *MCB80.2x* (Neurons and Networks), *MCB80.3x* (The Brain)

Science Outreach

- March 2020– **Harvard Medical School COVID Student Response Taskforce** (covidstudentresponse.org)
Created informational graphics and data visualizations for lay audiences on COVID-19 safety precautions and scientific/clinical research. Produced graphics for collaborative projects with teams at Beth Israel Deaconess Medical Center and Ariadne Labs.

Awards and Honors

- 2017 Finalist, Jacob Wendell Scholarship Prize
- 2016 Harvard College Scholar (top 10% of class)