

KAITLYN CASIMO
kaitlyncasimo.com

EXPERIENCE

- 2018- Training and Outreach Specialist, Allen Institute
- Develop education programming, including classroom materials, resources, and events for teachers to integrate open datasets into their classrooms
 - Support curriculum development, planning, and execution of live and online training sessions for scientists on Allen Institute for Brain Science and Cell Science tools and datasets
 - Evaluate and improve training offerings based on user feedback
- 2014-2018 University of Washington GRID Lab, Department of Neurosurgery: PhD candidate
- Designed experiments, collected data, and developed novel data analyses and techniques for independent dissertation research on how learning a new skill changes neural function
 - Published five first-author scientific articles in peer-reviewed journals; contributed to five articles as additional author
 - Trained and mentored ten lab members, ranging from high school to postdoctoral level
 - Awarded three competitive grants to support research, valued \$100,000-\$150,000 each

EDUCATION

- 2018 PhD, University of Washington: Neuroscience
Graduate Certificate in Science, Technology, and Society Studies
Graduate Certificate in Neural Computation and Engineering
Husky 100 Award for community involvement and leadership
- 2013 BA, Pomona College: Neuroscience, minors in Psychology and Theater

PUBLIC OUTREACH AND EDUCATION FELLOWSHIPS

- 2015- Pacific Science Center: Science Communication Fellow
- Volunteer in program facilitating scientist-public interactions on the museum floor
 - Developed and constructed three custom interactive activities demonstrating science concepts
 - Presented six public lectures on neuroscience topics to general audiences, including brain-computer interfaces, zombies, and Frankenstein; broke attendance record twice
- 2017-2018 Center for Sensorimotor Neural Engineering: Outreach Coordinator
- Developed and led series of workshops for 40 undergraduate and graduate students on effective communication skills for speaking and writing for the public
 - Integrated student-led outreach activities with Center strategic plan and faculty/staff activities
- 2016-2017 University of Washington Math-Science Upward Bound: instructor, course developer
- Developed and taught new advanced high school-level curriculum in neural engineering, including neuroscience, engineering, and ethics components
 - Secured competitive \$10,000 grant to develop online open version of course, including all assignments, laboratory activities, and recorded video lectures, available at <http://csne-erc.org/education-k-12-resources-teachers/introduction-neural-engineering>

ADDITIONAL EXPERIENCE

- 2015-2018 Graduate Program in Neuroscience: admissions committee
- Evaluated 20-30 of 350 applications per year, participating in decisions for interviews and offers
 - Coordinated activities and assisted in evaluations for 40-45 candidates
 - As chief student representative for 2016-2017 and 2017-2018 cycles, oversaw all responsibilities for students on committee

2015-2016 AAAS Emerging Leaders in Science and Society: Fellow

- Competitively selected to participate in a national service leadership program training graduate students to collaborate across disciplines and sectors to address complex problems
- Lead for project management for University of Washington team; co-lead for project management for national team
- Lead for external outcomes evaluation for national team
- Contributor for local policy report development, stakeholder interviews, and multiple other roles

2017 *Proof*, Pocket Theater: director/producer

2014- Woodland Park Zoo: volunteer

2013-2018 Neuroscience Community Outreach Group: various positions

Event Coordinator, 2014-2015

Chief Event Coordinator, 2015-2016

Special Event Coordinator, 2016-2018