

KAITLYN CASIMO, PHD

RELEVANT EXPERIENCE

May 2018 - Allen Institute: Training and Outreach Specialist

- Independently created/managed the education program (high school/college) from scratch
 - Impacts include creating/collaborating with scientific staff to create classroom materials for teachers, leading tours of the Allen Institute and its labs, and moderating/hosting two new webinar series for students and for teachers; program materials available at alleninstitute.org/learn
 - Authored four peer-reviewed articles on teaching with the Institute's open data (one under review), details at kaitlyncasimo.com/selected-publications
 - Managed education program intern, summer 2022
 - Applied as PI for National Science Foundation Improving Undergraduate STEM Education grant valued at \$600k, under review (decision expected Q1 2023)
 - Contributed training, education, and dissemination plans for two funded grants and three grants under review
- Developed and led training programs for science professionals on open tools and data
 - Collaborated with scientific staff and external partners to identify training needs, pursue domestic and international partnerships and opportunities, develop program curricula, and coach speakers on effective presentation design and execution
 - Managed webinar marketing and production, including live production and video editing
 - Ran booths at conferences: planned and executed booth setup; acted as an ambassador to new users, providing introductions to the full range of technical products, live technical demonstrations, one-on-one troubleshooting for users' questions, recruiting, and developing contacts
 - Executed grant-funded workshops, including relevant workshop budgets
- Served as general science communication resource for communications and scientific staff
 - Acted as technical resource for communications department on scientific resources
 - Edited presentations, abstracts, posters, and other materials for scientific staff
 - Improved and increased stakeholder interactions with Allen Institute technical products, including community management through user forums and providing input to product developers on usability and design
 - Co-led monthly science communication journal club-style discussion group for staff

July 2015 - Pacific Science Center: Science Communication Fellow volunteer

- Facilitated activities with museum visitors, including one-on-one interactions on the museum floor during general open hours and special events, reaching children, families, and adults
- Presented public lectures on neuroscience topics to general audiences, including an annual Halloween series (2016-present) on the neuroscience of zombies, Frankenstein's creature, werewolves, and more
 - Broke attendance record twice for in-person events and once for virtual events
 - Details and talk descriptions at kaitlyncasimo.com/imaginary-minds

June 2014 - June 2018 University of Washington: Neuroscience PhD candidate researcher

- Designed experiments, collected data, and developed novel data analyses for dissertation research on changes in human brain connectivity patterns associated with learning a new skill
 - Acted as project manager and managed logistics for collaborative projects with multi-hospital data collection with human subjects, including children
 - Published five peer-reviewed first-author scientific articles, contributed to six additional articles; details at kaitlyncasimo.com/selected-publications
- Served as graduate teaching assistant for introductory neuroanatomy (3 quarters)
 - Developed lectures on selected topics; assisted with setup and hands-on teaching in neuroanatomy practical demonstrations with anatomical specimens

- Summer 2016, 2017 University of Washington Math-Science Upward Bound: Instructor
- Led development and taught a new advanced high school-level summer course in TRIO-funded program for low-income and future first-generation college students
 - o Created curriculum on neural engineering: neuroscience, engineering, and ethics
 - o Identified and coordinated guest lecturers to present on their current research
 - Helped secure competitive \$10,000 grant to develop online open version of the course
 - o Recorded and edited video lectures
 - o Adapted all assignments and activities for independent online learners

LEADERSHIP AND SERVICE

- 2021 - International Brain Bee: Academic and Curriculum Committee member, Global Championships Planning Committee member
- Organized activities for Global Championships participants with global team of volunteers, reviewed curriculum and test questions, collaboratively developing new section of curriculum for future years
- 2020 - Seattle Repertory Theater: Advisory Council member
- Provided input to board on various questions and topics, attended board meetings
- 2015-2018 Admissions Committee, Graduate Program in Neuroscience
- Evaluated applications, participated in decisions for interviews and offers
 - Chief student representative 2016-2018: oversaw all student-led admissions activities
- 2017 *Proof*, Pocket Theater: play director/producer
- Developed creative vision for production, organized and led rehearsals, led audience discussions with cast after performances

EDUCATION

- 2023 (expected) MEd, Western Governor’s University: Instructional Design
- 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, with minors in Psychology and Theater