

# KAITLYN CASIMO, PHD, MED

kaitlyncasimo.com

## RELEVANT EXPERIENCE

January 2023 - Allen Institute: Education and Engagement Manager

May 2018 - January 2023 Allen Institute: Training and Outreach Specialist

- Independently created from scratch, and ongoing manager of, the education program
  - Impacts include creating, and collaborating with scientific staff to create, classroom materials for teachers; leading tours of the Allen Institute and its labs; developing the Teacher Academy program; and more; program information available at [alleninstitute.org/education](http://alleninstitute.org/education)
  - PI for National Science Foundation Improving Undergraduate STEM Education (IUSE) grant to study open science in education, valued at ~\$600k, awarded March 2023
  - Created Education and Engagement program team (3 full-time professionals, 1 annual summer intern)
  - Authored peer-reviewed articles on teaching with the Institute's open data; details at [kaitlyncasimo.com/selected-publications](http://kaitlyncasimo.com/selected-publications)
- 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
  - 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 scientific workshops in collaboration with grant-funded scientific teams
- Served as general science communication resource for communications and scientific staff
  - Acted as technical resource on scientific material for communications department
  - Co-led science communication training program for staff, including creating and leading the Foundations of Science Communication 4-session training sequence

July 2015 - Pacific Science Center volunteer

- Science Communication Fellow program volunteer (July 2015 - spring 2020, program on hiatus due to Covid)
- 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
- Facilitated activities with museum visitors, including one-on-one interactions on the museum floor during general open hours and special events, reaching children, adults, and families

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

- 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
  - Published five peer-reviewed first-author scientific articles; details at [kaitlyncasimo.com/selected-publications](http://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                      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