

EDUCATION

Trinity College, Hartford, CT
BA in Anthropology/BS in Neuroscience

May 2025

RESEARCH EXPERIENCE

The Jackson Lab, Academic Year Fellow, Farmington, CT

September 2024 – May 2025

- Working in the Carter Lab under mentorship of Dr. Tamar Abel and Dr. Robert Valenzuela to continue the project from the summer, where I will study the CETP variant, using the All of Us dataset.

Perception Lab, Research Assistant, Hartford, CT

May 2023- May 2025

- Working with multiple research assistants with Professor Grubb from the Neuroscience/Psychology Department during the summer. Created a computational pipeline, using Psychopy, and measured the change of pupil area with eye tracker when a peripheral cue is presented/excluded. Currently researching on the concept of boredom and involving deep learning models during the spring of junior year, by using Python and RStudio to create experiments and to statistically analyze data; Used JASP to analyze data via ANOVA. Working towards a manuscript in the spring.

Hartford Hospital - Ayers Neuroscience Center, Research Assistant, Hartford, CT

May 2023- May 2025

- Remotely worked on data entry of over 200 patients with epilepsy for a new system implemented by the hospital, under the supervision of Dr. Gabriel Martz, and streamlined information transfer into organized platform Cranial Cloud. Working towards a manuscript in the spring.

The Jackson Lab, Summer Intern, Bar Harbor, ME

June 2024 – September 2024

- Worked in the Carter Lab under mentorship of Dr. Tamar Abel on the application of a computational pipeline to understand the biological processes for late-onset Alzheimer's Disease, studying the CETP variant. Presented in Trinity College Summer Symposium and ABRCMS 2024, where I was awarded the travel and presentation award.

Connecticut's Children Hospital, Petit Fellow, Hartford, CT

September 2022-December 2022

- Studied injury and violence prevention with Connecticut Children's experts and virtually shadowed staff members in different clinical areas throughout Connecticut Children's. In addition, Petit Fellows developed research proposals and presented it to doctors and the administration of Connecticut Children's Hospital. These proposals would be to suggest to the administration of potential projects they should implement.

WORK EXPERIENCE

Tufts Medical Center, Clinical Research Coordinator I

July 2025 - January 2026

- Oversee research project design and implementation of three studies within Ophthalmology Department.

Shari M Roth Md Llc, Ophthalmologist Assistant, Hartford, CT

September 2024- December 2024

- Conduct visual field and OCT testing for patients with glaucoma and macula.

Trinity College, Lab Teacher's Assistant, Hartford, CT

September 2022- May 2024

- Facilitated learning for a diverse group of 18 students as a Teaching Assistant for Intro Chemistry I & II by providing expert guidance and feedback during experiments. In addition, graded assignments by providing assignment feedback.

Riverwoods Manchester, Licensed Nursing Assistant, Manchester, NH

June 2021-January 2025

- Recorded vital signs of numerous residents, administered therapeutic treatments, and followed individualized care plan for more than 50 residents while working close with co-workers, oftentimes working understaffed. In total, worked for over 1000 clinical hours.

AWARD/ACTIVITIES/CERTIFICATES

Awards: Riverwoods Scholarship Award, 2024 ABRCMS Presentation Awardee, ABRCMS Travel Award, Dixon Turcott Educational Fund of the New Hampshire Charitable Foundation Award, Thomas and Charlotte Valentine Taylor Educational Foundation Award, Fulbright Semifinalist Nepal

Volunteer: NH Food Bank, CHER Tutor, Friends of MSF, JELLO, Underrepresented Students in Neuroscience Mentorship

Activities: South Asian Student Association, Club Boxing Mentor, Neuroscience Club

Certificate: Certified Nursing Assistant