

Meghna Thekepat

EDUCATION

The Honors College at Rutgers University, New Brunswick, New Jersey 2020 – Present
GPA: 4.0
Major: Cell Biology and Neuroscience
Minor: Evolutionary Anthropology

East Brunswick High School, East Brunswick, New Jersey 2016 – 2020
GPA: 4.62

LEADERSHIP & EXTRACURRICULARS

Women's Health Institute at Rutgers RWJMS: Mother's Touch Research Intern 2021 - Present

- Research intern for maternal health education application. Application serves to empower and educate mothers on maternal mortality, maternal health inequity, COVID-19, postpartum depression, and healthy lifestyles. Also serves to connect mothers with needed resources and services.
- Conduct 10+ literature reviews on relevant scientific, public health, and maternal health studies
- Author 10+ reviews, passages, and blurbs for application content
- Collaborate with Computer Science and Advertisement/Advocacy teams

4-H Innovation Virtual Maker Fair: Maker & Collaborator 2020

- Conducted research and presented findings on quantum superposition, quantum decoherence, the double slit experiment, quantum consciousness, universal consciousness and the Orchestrated Objective Reduction theory
- Shared findings with 200+ fellow presenters

Waksman Student Scholars Research Program: President, Lead Scientist & Author 2018 - 2020

- Gained lab experience while learning lab protocols and techniques like minipreps, PCR, restriction digests, plasmid mapping, gel electrophoresis, waveform analysis, and NCBI BLAST
- As president, taught 45 students required lab procedures, supervised weekly labs and lectures, coordinated lesson plans with faculty advisor, and selected and mentored 4 students on the Protein Modeling Team
- Presented 2 posters at Rutgers University
- 3 times published in the National Center for Biotechnology Information

East Brunswick Rescue Squad: Rescue Squad Cadet 2018 - 2019

- Learned emergency medicine duties including stretcher transport, assessing/monitoring vitals, trauma informed response methods
- Trained and certified in CPR and Basic Life Support First Aid
- Contributed 150+ hours to emergency services
- Completed 200+ ride-alongs with certified EMTs and paramedics

The Leukemia and Lymphoma Society: Social Media Lead & Advocate 2019

- Created social media campaign to increase awareness of leukemia, lymphoma, hodgkin's disease and myeloma in New Jersey
- Established communication and engagement plans to connect with community partners
- Raised \$5,000+ through bake sales, tutoring 15 students, crowdfunding, and soliciting individual donations