

Julu Nwaezeapu

j l n ae@a . enn.ed +1 (773)-491-4225

EDUCATION

University of Pennsylvania

Philadelphia, PA

Bachelor of Arts Major: Neuroscience Expected Graduation: May 2025

- **GPA: 3.8 | SAT 1,520 / 1,600**
- **Dean's List:** 2022-2023 Academic Year; Dean's List Recognition awarded by Penn on July 1, 2023

PROFESSIONAL EXPERIENCE

Perelman School of Medicine, University of Pennsylvania

Philadelphia, PA

Division of Vascular Neurology Physician Shadow

02/2025 Present

- Observed a clinical rotation, neurological exam, and key elements in, gaining insight in mechanical hemodynamics, stroke care and evidence-based management strategies, under Dr. Rebecca E.
- Analyzed CT, CTA, and MRI scans to determine cerebrovascular pathology, identifying neuroanatomical lesions in stroke cases, and developing clinical evaluation skills to be diagnostic and able to plan treatment.

Student Harm Reduction Coalition, University of Pennsylvania

Philadelphia, PA

Volunteer

08/2024 Present

- Collaborated with Center for Addiction Medicine & Public Health to implement community-based medical and digital health initiatives, engaging public health and behavioral medicine, conducting over 1000+ clinical interviews.
- Participated in gamification and data analysis and digital health administration, enhancing evidence in clinical decision-making, community health Philadelphia and enhancing community health initiatives, leading to successful outcomes.

Perelman School of Medicine, University of Pennsylvania

Philadelphia, PA

Chronobiology & Sleep Institute Student Researcher

08/2023 Present

- Engaged in neuroendocrine research, demonstrating high-level Dr. R. N. C. Anafi, developing community-based research and methodology in community-based research, identifying genetic and environmental factors in sleep disorders in non-blind cases.
- Implemented longitudinal clinical research, discussing high-impact clinical biology and neuroscience research, focusing on individual data collection and analysis methods in the field, developing implementation of finding for research.
- Performed multidisciplinary research in epidemiology, intelligence, aging science community, figure analysis, and public speaking skills.

Feinberg School of Medicine, Northwestern University

Chicago, IL

Kimberly Querrey Summer Research Program Clinical Researcher

05/2023 - 08/2023

- Conducted [paper](#) reviewing research on SARS-CoV-2 neutralizing antibody response, accepted Nature Portfolio journal July 2024, demonstrating high-level Dr. Li Ma -Nebuta, final author on published paper.
- Summarized findings of immune cell data, identifying the T-cell enrichment in SARS-CoV-2 neutralization; utilized bioinformatics pipeline of mRNA sequencing to identify T-cell, identifying gene expression in enriched cell lines in SARS-CoV-2 neutralization.
- Programmed a hierarchical heatmap displaying 975 differentially expressed genes across neutralization diagnosis, gaining clinical relevance of the T-cell enrichment; combined evidence in R, Z Shell, and NetLogo programming language to create Fig. 2A for research (Makela et al 2023).
- Advanced research in medicine and research in field of final development in, increasing high-level medical research, focusing on research in the field and gaining knowledge in achieving research-specific goals. Awarded research lab technician training in, managing community-based research laboratory technician's research in community-based research; participated in research lab management in Feinberg PI and research.
- Shadowed MICU and Neurology ICU doctors, gaining insight in clinical management and critical decision-making, evaluating over 200+ cases to help research and.

08/2022 P e e n

- 05/2022 05/2023

- 05/2021 08/2021

- 05/2021 08/2021

- 08/2019 08/2020

- 05/2019 08/2019

- **Languages:** Proficient in Spanish, native English speaker
- **Technical:** Expert in MS Office, Radiology, Pathology, Mat Lab, & Jira