

CURRICULUM VITAE

Shaka Ramanathan

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In pursuit of a B.S. Degree in Psychology with hopes of attending medical school and gaining the knowledge necessary to practice Psychiatry.

EDUCATION:

The Pennsylvania State University: (2019-2023)

Major: Psychology, B.S

Minor: Biology

Schreyer Honors College

Paterno Fellow

Cumulative GPA: 3.98

Penn State Dean's List (2019-Present)

RESEARCH EXPERIENCE:

Undergraduate Research Assistant

Laboratory of Personality, Psychopathology, and Psychotherapy, Pennsylvania State University.

Involved in on-going NIMH and foundation grant funded research program investigating change in attachment representations during a randomized controlled psychotherapy trial. Involved in the recruitment and running of participants, the transcription of semi-structured interviews, coding data, entering data, editing large data sets, and data analysis using SPSS and general lab functions. Assistant in the preparation and writing of grant applications, manuscripts, and conference presentations. Participated in didactic seminar that included weekly readings and video case presentations.

Dates: June 2020 – Present.

Principal Investigator: Kenneth N. Levy, Ph.D.

Research Assistant

The Wistar Institute Vaccine and Immunotherapy Center

Studied the effects of DNA-encoded monoclonal antibodies in response to *Plasmodium falciparum* (malaria), which were delivered in vivo through the injection of a DNA plasmid. Involved in detecting and quantifying the expression of the desired antibodies in mice by performing ELISAs and western blots and presented findings upon end of internship.

Dates: June 2018 – August 2018.

Principal Investigator: Rianne Esquivel, Ph.D.

CERTIFICATIONS

Institutional Biosafety Committee (Summer 2020)

IRB Human Subjects-Social (Summer 2020)

IRB Human Subjects-Biomedical (Summer 2020)

State of PA Mandated Reporter (Summer 2020)

ORGANIZATIONS/CLUBS

Chair of Operations for Days for Girls at Penn State

Helps lead Operations Team in making sustainable menstrual care kits. Assists Days for Girls President to ensure effective communication and productivity

Dates: September 2019 – Present

Alpha Epsilon Delta

Attend weekly meetings with fellow pre-health students to discuss different paths toward medicine as well as gain exposure to various opportunities, such as shadowing, volunteering, and listening to medical expert speakers.

Dates: September 2019 – Present

Orientation Mentor for the Schreyer Honors College

Serve as a mentor for Freshmen coming into the honors program at Penn State, guiding them through any questions they have and ensuring that they feel prepared for the year.

Dates: January 2020 – Present

Schreyer for Women

Collaborate with fellow Scholars to build a space that encourages the creation of networks meant to help women reach their potential professionally and the organization of service and social events surrounding the empowerment of women.

Dates: September 2019 – Present

RELEVANT COURSEWORK:

Introduction to Psychology
Introduction to Cognitive Psychology
Introduction to Abnormal Psychology
Introduction to Personality Psychology
Introduction to Statistics
Calculus I

VOLUNTEER EXPERIENCE

More Than a Visit

Harriton High School

Worked with several organizations such as Cradles to Crayons, Bryn Mawr Terrace, the Lankenau Hospital Hamper Shop, and Bryn Mawr Hospital to organize service experiences.

Dates: September 2016 – June 2018

Summer Teen Volunteer

Hospital of the University of Pennsylvania, Neuroscience Department

Was responsible for socializing with and assisting patients, assisting nurses, transporting patients, changing linens, stocking closets, and clerical duties such as organizing and managing patient files and relaying messages.

Dates: July 2016 – August 2016

Teaching Artist Apprentice

Main Line Art Center

Assisted in the instruction of art classes for summer campers, aged 4-11. Worked with instructors to effectively communicate lesson plans and demonstrations.

Dates: June 2016 – August 2016

OTHER EXPERIENCES

Physician Shadowing

Ganga Hospital in Coimbatore, India

Shadowed a wide variety of physicians, from radiologists to orthopedic surgeons, and grew familiar with the fast-paced and intellectually challenging roles in clinical medicine.

Dates: July 2017 – August 2017

The GLOBE Honors Special Living Option

Participate and lead discussions on global issues each semester. Attend on-campus events and meetings. Foster a community of global understanding.

Dates: September 2019 – Present

REFERENCE

Kenneth N. Levy, Ph.D., Assistant Professor, Department of Psychology, Pennsylvania State University, 240 Bruce V. Moore Building, University Park, PA 16802