

# Anika Krishna

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## EDUCATION

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### Case Western Reserve University

Cleveland, OH

- Master of Science in Biostatistics – Social & Behavioral Science Track | 4.0 GPA *Aug 2024 – Aug 2025*
- Master of Public Health – Health Promotion & Disease Prevention Track | 4.0 GPA *Aug 2022 - May 2024*
- Bachelor of Arts in Anthropology – Medical Track *Jan 2020 – Jan 2024*

## PROJECTS

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**MPH Capstone** – “From Roots to Realizations: A System Dynamics Exploration of Intergenerational Trauma and Mental Health Among South Asian American College Students”

- Presented at International System Dynamics Conference (ISDC) 2024 in Bergen, Norway, and at ISDC 2022 in Frankfurt, Germany as ‘work-in-progress’

**Mental Health & Substance Use** – Regression analyses in SAS to understand impact of drug use on mental illness

**Brain Network Analysis** – Analysis of rsfMRI data using Python to explore functional organization of the brain

**Mental Illness & Police Violence** – Propensity score matching and weighting in R to determine extent to which race can predict mental health classification of individuals killed by the police

**Evaluating MedRec** – Quality improvement study of medication reconciliation and Meds2Beds programs at University Hospitals main campus psychiatry department

**CWRU Essay Prize** – [“The Image of Black Masculinity as Portrayed in Friday Black”](#)

## RESEARCH

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### CWRU School of Arts and Sciences

*Anthropology Department*

*Research Assistant for Dr. Lee Hoffer*

*Sept. 2022 - May 2023*

- Recruitment, study design, interviewing, and qualitative coding for “Understanding Psilocybin in the Context of the Modern Psychedelic Renaissance”
- Poster presentation at CWRU Public Health Innovations Conference, winner of student research award for poster and oral presentations at CWRU Expanding Horizons Initiative ‘Ignite’ Donor Event

### CWRU School of Medicine

*Center for Community Health Integration, Community-Based System Dynamics Lab*

*Research Assistant for Dr. Peter Hovmand*

*June 2021 - May 2023*

- Assisted with literature and manuscript reviews, attended weekly modeling meetings
- Worked on data collection and analysis for NIH funded study on addressing health disparities related to structural racism in Cuyahoga County
- Member of core modeling team for SAMHSA funded study in conjunction with CWRU Health & Counseling Services on improving high school-to-college transitions for 1st year students

### Cleveland Clinic Cole Eye Institute

*Retina Lab*

*Student Researcher for Dr. Bela Anand-Apte*

*Sept 2019 - March 2020*

- Study of AMD and retinopathy (PCR, BCA, microscopy, cryostat sectioning, immunofluorescent staining)

## TEACHING

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### Life Skills Training Facilitator

Bluestone Elementary, Euclid, OH

*Sept – Nov 2023*

- Developed and conducted interactive lessons on mental health for 3rd, 4th, and 5th graders

### CWRU Graduate Teaching Assistant

*Jan – Dec 2023*

- MPHP101: Introduction to Public Health, MPHP301: Introduction to Epidemiology, MPHP406: History and Philosophy of Public Health
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