

Anika Krishna

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330-806-1444

Education - Case Western Reserve University, Cleveland, OH

Master of Science in Biostatistics

Aug. 2024 –

Expected graduation Aug. 2025

Master of Public Health

Aug. 2022 - May 2024

Concentration: Health Promotion and Disease Prevention

- Integrated Graduate Studies program
- GPA: 4.000

Bachelor of Arts

Jan. 2020 - Jan. 2024

Major: Medical Anthropology

- 4-year University Scholarship
- Dean's High Honors List
- GPA: 3.731

Research Experience

Independent Research Study

Jan 2022 - Jan 2024

CWRU School of Medicine

- "From Roots to Realizations: A System Dynamics Exploration of Intergenerational Trauma and Mental Health Among South Asian American College Students"
 - Literature review, study design, proposal writing, IRB, participant recruitment and consent, facilitation of participatory research session, stock & flow and causal loop diagramming, digitization of system maps in Stella Architect, data analysis and write-up
- Oral presentation to department faculty for MPH capstone (Jan. 2024)
- Presented as 'work-in-progress' at International System Dynamics Conference (ISDC) in Frankfurt, Germany (July 2022); accepted to ISDC 2024 in Bergen, Norway (Aug 2024)

Graduate Research Assistant

Sept. 2022 - May 2023

CWRU School of Arts and Sciences

Dr. Lee Hoffer

- "Understanding Psilocybin in the Context of the Modern Psychedelic Renaissance": an ethnographic and media analysis of non-recreational psilocybin use in Cuyahoga County, OH
 - Development of interview guides, participant recruitment, interdisciplinary collaboration, data organization and management, communication with medicolegal stakeholders, ethnographic interviews, qualitative coding

- Poster presentation at CWRU Public Health Innovations Conference (May 2023)
- Winner of student research award for poster and oral presentations at CWRU Expanding Horizons Initiative ‘Ignite’ Alumni Donor Event (Oct. 2022)

Research Assistant

June 2021 - May 2023

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

Dr. Peter Hovmand

- Assisted with 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

Student Researcher

Sept. 2019 - March 2020

Cleveland Clinic Foundation (CCF) Cole Eye Institute, Retina Lab

Dr. Bela Anand-Apte

- Study of age-related macular degeneration and diabetic retinopathy
- PCR, gel electrophoresis, BCA protein assay, cryostat sectioning, microscopy, immunofluorescence staining, manuscript review
- CCF Animal Facility training for work with mice and zebrafish

Teaching Experience

Graduate Teaching Assistant

Case Western Reserve University

- MPHP101: Introduction to Public Health Jan. - May 2023
- MPHP301: Introduction to Epidemiology Nov. 2023
- MPHP406: History and Philosophy of Public Health Aug. - Dec. 2023

Life Skills Training Facilitator

Sept. - Nov. 2023

Bluestone Elementary, Euclid, OH

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

Virtual Tutor

June - Aug. 2020

CovEd (non-profit committed to alleviating K-12 educational inequity)

- Created lesson plans and taught English and Spanish to 2nd and 3rd graders over Zoom

Publications

“The Image of Black Masculinity as Portrayed in *Friday Black*”

2021

CWRU Seminar Approach to General Education and Scholarship (SAGES) Essay Prize Booklet

https://issuu.com/marthschaffer/docs/sages_seminar_essay_prize_booklet_2020-2021

Projects

MPHP468: Continual Improvement of Healthcare

- Semester group project on QI of medication reconciliation and ‘Meds2Beds’ programs at University Hospitals main campus psychiatric department

MPHP405: Statistical Methods in Public Health

- Semester group project on the correlation between hallucinogenic drug use and depressive symptoms using data from the NSDUH dataset analyzed with SAS statistical software

MPHP439: Public Health Policy and Management

- “Promotion of Fresh Food Consumption for Type 2 Diabetes Prevention in Cleveland by Implementing a Social Media Knowledge and Lottery Campaign”
 - Winning team proposal in mock Amazon funding pitch competition

BETH271: Bioethics: Dilemmas

- Final individual research paper: “The Ethical Challenges of Placebo Controlled Covid-19 Vaccine Trials”
 - Methodological solutions to reduce risk of harm to participants in clinical trials

MPHP433: Community Interventions and Program Evaluation

- Final individual project: “Intervention to Support Mental Health Amongst Youth in Predominantly Black Neighborhoods in Cuyahoga County”
 - Intervention plan with specific goals, timeline, detailed budget, etc.

ANTH303/ENGR397: Interdisciplinary Solutions to Global Health Issues

- Anthropology and engineering semester team project on improving vaccine cold chain in Uganda
 - Solutions to improve refrigerator insulation and organization