

Navya Pothamsetty

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Education

University of California, Berkeley

- Master's in Public Health Aug. 2020- May 2021
 - Epidemiology and Biostatistics with a Graduate Certificate in Data Science
 - Relevant Coursework: Principles and Techniques of Data Science (**Python**, **Pandas**, **SQL**, **NumPy**, **Scikit**, **Matplotlib**), Artificial Intelligence in Medicine and Health Policy (**Python**, **Pandas**), Multivariate Statistics (**R**, **Python**), Research Design and Applications for Data and Analysis, Infectious Disease Modeling, Big Data and Public Health (**R**, **Python**), **SAS** Data Management and Programming
- Bachelor of Arts in Public Health (GPA: 3.8) Aug. 2016- May 2020
 - Relevant Coursework: The Structure and Interpretation of Computer Programs (**Python**, **SQL**) Probability and Statistics in Biology and Public Health (**R**), Intervention Trial Design, Statistical Analysis of Categorical Data (**R**, **Stata**), Epidemiological Methods I & II, Epidemiological Analysis (**R**), Health Policy and Management

Projects

Post-Traumatic Stress Disorder and Cardiovascular Disease Sept. 2020 – May 2021

- A systematic review and meta-analysis on cardiovascular disease incidence among civilians with PTSD, with a specific focus on statistical biases and limitations; used **R** for all statistical analyses

State-Level Correlates of COVID-19 Incidence and Mortality Oct. 2020 – Dec. 2020

- Analyzed correlations between political affiliation, census data, and COVID-19 incidence and mortality rates using **Python** and **Pandas**. I visualized data using **Seaborn** and **PyPlot**
- Modeled and predicted the relationships between social determinants of health and COVID-19 disease metrics using linear and logistic regression models with **Scikit**

Stimulant Use Among Unhoused Women in San Francisco Aug. 2019 – May 2020

- Conducted a literature review, used **R** for data analysis (**dplyr**) and visualization (**ggplot2**), and composed a manuscript detailing statistical associations between risk factors of overdose and other social determinants of health

Cash Transfers and Obesity: A Systematic Review & Meta-Analysis Sept. 2019 – Jan. 2020

- Used **Covidence** to conduct a systematic literature review and **R** to analyze and visualize extracted data to determine if cash transfers have a significant effect on obesity across the literature

Work and Leadership Experience

UC Berkeley School of Public Health

Sept. 2020 – Present

Program Analyst

Berkeley, CA

- In charge of anti-racism survey and focus group data analysis (**R**) and visualization (**Python**), creating a racial literacy and anti-racism "needs assessment" of UC Berkeley's School of Public Health
- Pulled together various projects spearheaded by School of Public Health Vice Dean Dr. Amani Allen, including school-wide anti-racist program design, literature reviews, and organizational evaluation

D-Lab

Jan. 2021 – May 2021

Data Science Consultant

Berkeley, CA

- Teamed up with UC Berkeley students, faculty, and staff on data analysis, research design, and data management on social sciences research projects across interdisciplinary backgrounds

Othering and Belonging Institute

Sept. 2020 – May 2021

Graduate Student Researcher

Berkeley, CA

- Teamed up with professor John Powell and other research assistants to research, prepare presentations, and coordinate external communication to create speaking engagements on topics such as political polarization, racial equity, and social determinants of health
- Pulled together research and briefs regarding policy and societal trends relating to an equitable society and its barriers such as economic reform, health disparities, and structural inequity

Peer Health Exchange

Aug. 2016 – May 2020

Volunteer Coordinator

May 2019 – May 2020

- In charge of recruitment, programming, and management of 82 college volunteers who taught health education in 10 Bay Area high schools
- Increased volunteers' leadership skills, health content knowledge, and understanding of social justice by creating and delivering weekly 90-minute chapter-wide workshops
- Wrote and presented on policies regarding volunteer accountability, student-centered practices, and pedagogy during weekly 90-minute meetings with a leadership team

Leadership Council

May 2018 – May 2019

- Improved health educators' teaching skills and classroom impact through public speaking and facilitation training in weekly 90-minute workshop sessions
- Created pedagogy-related curriculum to train 10-12 fellow Leadership Council members to improve our teaching skills in areas such as public speaking, student engagement, and content knowledge

Health Educator

Aug. 2016 – May 2018

- In charge of leading weekly one-hour health workshops using a trauma-informed teaching approach to classes ranging from 25-35 high school students to foster honest conversations about young adults' health choices

UC Berkeley PATH to Care Center

Jan. 2020 – May 2020

Peer Educator and Curriculum Developer

Berkeley, CA

- Developed curriculum for UC Berkeley student athletes to discuss and reflect on subjects relating to sexual violence and harassment (SVSH) specific to collegiate athletics such as toxic masculinity, competition and team dynamics, and survivor support
- Facilitated sixty-minute workshops on SVSH, consent, and healthy relationships to various campus communities, including registered student organizations, Cal Dining employees, and Greek Letter Organizations
- Collaborated with co-facilitators to develop new workshop content, adapt current curricula for specific organizations' needs, and provided and incorporated feedback regarding leadership and pedagogy

Health and Medical Apprenticeship Program

Jan. 2018 – Jan. 2020

Health Service Internship (HSI) Student Instructor

Berkeley, CA

- Co-led weekly two-hour classes to inform and engage six to eight HSI interns in discussions about public health topics such as environmental health and media and violence
- Designed 1-2 lesson plans per semester integrating discussion questions, essay prompts multimedia presentation, and collaborative projects to contribute to the program-wide curriculum
- Planned and executed professional development events, such as public health professional panels, intern socials, and end-of-semester dinners for interns and their supervisors, with a team of eight to ten teaching assistants
- Conducted outreach, advertisement, information sessions, application review, and interviews to recruit and evaluate about fifty students per semester for HSI intern and teaching assistant candidacy

Interdisciplinary Center for Healthy Workplaces

Aug. 2018 – May 2019

Research Assistant

Berkeley, CA

- Spearheaded outreach to recruit participants to recount their experiences with sexual harassment in higher education to assist the Path to Care center in the creation of a campus-wide sexual harassment preventive toolkit
- Collected, organized, and coded participants' demographic data with **Excel**, analyzing general trends regarding environmental or situational factors contributing to sexual harassment within academic institutions
- Compiled literature reviews, created **Qualtrics** surveys, and designed recruitment material with **Adobe Spark** in order to further research and project development

Alameda Health System

Jan. 2018 – May 2019

Care Management Shift Lead

Alameda County, CA

- Co-lead weekly four-hour shifts of 7-8 care management advocates to triage responsibility connecting outpatient, bedside, and walk-in patients with appropriate government benefits and resources
- Connected socioeconomically disadvantaged patients with Bay-Area public resources, including social work and legal aid, and government assistance including CalFresh and SSI

Public Health Advocate

Jan. 2018 – May 2020

Online Managing Editor and Contributing Writer

Berkeley, CA

- Wrote online and print articles for UC Berkeley's undergraduate public health publication, which aims to increase awareness of local, state, and national public health issues
- Managed a team of writers for bi-weekly online content and edited articles before final publication
- Oversaw operation of pha.berkeley.edu, our online **WordPress** publication, through supervision of copy editor and writer teams

Planet Forward at George Washington University

Aug. 2017 – Aug. 2018

Campus Correspondent and Storyfest Winner

Berkeley, CA

- Conduct interviews, design layout, and use storytelling to create visual and written content about progress in fields such as conservation and public health on the UC Berkeley Campus
- Winner of the Planet Forward Storyfest Award, recognizing the most compelling student-told stories regarding solutions to environmental issues

CHAMPS Program

Sept. 2017 – May 2018

Health Service Intern

Berkeley, CA

- Developed a curriculum for the Peer Health Leaders program for the Community Health Adolescent Mentoring Program for Success (CHAMPS)
- Empowered students from Oakland high schools to become advocates for mental health awareness in their own communities through education and facilitation of group discussion
- Conducted one-on-one peer advising sessions to CHAMPS students about academics including high school course loads and college admissions

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June 2017 – Aug. 2017

Curriculum Development Intern

Orlando, FL

- Lead writing workshops involving language development, narrative construction, and publication for children in grades 2-12
- Contributed to curriculum development for Page 15, a branch of the Urban Think Foundation, which seeks to develop and enrich Central Florida's literacy and growth in the literary creative arts