

Sophie Zhang

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EDUCATION

Columbia University Mailman School of Public Health — *Master of Public Health, Epidemiology* New York, NY
Expected May 2023

- *Concentration:* Applied Biostatistics and Public Health Data Science
- *Relevant Coursework:* Applied Regression, Spatial Epidemiology, Emerging Infectious Diseases, Public Health Data Science
- *Cumulative GPA:* 4.12/4.00 (Equivalent to A+)

University of California, Berkeley — *Bachelor of Arts, Public Health* Berkeley, CA
Graduated May 2021

SKILLS

Technical: SAS, R, Python, ArcGIS, Tableau, MS Office, Google Suite, Adobe Photoshop

Languages: Fluent in English, Mandarin; Intermediate in French

RESEARCH & DATA ANALYSIS EXPERIENCE

NYC Department of Health and Mental Hygiene – *Health Research Training Program Intern* New York, NY
June 2022 - Present

- Analyze complex survey data from the NYC Youth Risk Behavior Survey using SAS-callable SUDAAN for an upcoming report on firearm violence in New York City, to be presented to citywide departments and local policymakers
- Conduct literature review using Pubmed and Law Atlas investigating mental health issues in New York City for an upcoming Department of Health special publication
- Prepared 50+ variables using SAS to update Community Health Survey data for the EpiQuery online data visualization tool
- Co-wrote and submitted a project proposal to the Health Commissioner's Office for a special report on mental health in NYC
- Conducted 15+ MPV case interviews weekly and assisted with contact tracing by maintaining a database of case information

UC Berkeley Undergraduate Research Apprentice Program – *Examining Global Health Frameworks* Berkeley, CA
Jan 2020 - Jan 2021

- Conducted & transcribed in-depth interviews about the experiences of individuals in the Social Medicine Consortium under the guidance of MD/MPH candidate Elyse Katz
 - Systematically analyzed interview transcripts using qualitative coding techniques and NVivo, to better understand the impacts of a social medicine approach on global health initiatives
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PROFESSIONAL EXPERIENCE

Columbia University Mailman School of Public Health — *Quantitative Academic Specialist* New York, NY
Aug 2022 - Present

- Provide statistical and epidemiological coaching alongside technical advising in SAS, R, and Python to Master's student clients from a broad range of backgrounds, receiving strong positive feedback from those involved
- Advise graduate student clients on time management, study skills, and balancing academic and professional work

UC Berkeley Basic Needs Center — *Basic Needs Center Project Coordinator* Berkeley, CA
May 2020 - Aug 2021

- Developed and further integrated basic needs wraparound social services & day-to-day operations used by 15,000+ students
- Coordinated weekly basic needs drop-in hours with 12+ community partners, improving service utilization by +200%
- Co-facilitated biweekly Basic Needs Coalition meetings, collaborating with 20+ campus departments on basic needs efforts

UC Berkeley Queer Alliance Resource Center — *Finance Coordinator* Berkeley, CA
Aug 2018 - June 2021

- Managed a budget of \$70,000+ for QARC and financially advised its 20+ affiliate LGBTQ+ organizations
 - Wrote grant proposals and reports, securing \$18,000+ in new funding for the 2020-2021 academic year
 - Executed semesterly events such as HIV/HepC Testing on campus to promote health & wellness for LGBTQ+ students
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LEADERSHIP & COMMUNITY WORK

University Health Services (UHS) Trans Leadership Team — *Undergraduate Representative* Berkeley, CA
Sep 2020 - June 2021

- Served as the first liaison between UHS providers & administration and 500+ transgender/gender-diverse students on campus
- Collaborated with lead pharmacist & health insurance representatives on a project to successfully expand the range of gender-affirming operations & resources covered by university health insurance

Suitcase Clinic — *Caseworker* Berkeley, CA
Feb 2020 - May 2021

- Ran weekly outreach at a Youth/LGBTQ+ Clinic, advocating for youth experiencing homelessness in Berkeley and connecting 5 clients to housing, employment, and public benefits