

ALISHAH KHAN

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EDUCATION

COLUMBIA UNIVERSITY

Masters in Public Health (Epidemiology, Infectious Disease)

Expected May 2025

UC BERKELEY

B.A. Public Health, Conferred with Honors (Top 4% of Class)

May 2023

Honors Thesis: Economic Factors Affecting Mental Health Professionals in State Prisons

WORK EXPERIENCE

NYC DEPARTMENT OF HEALTH & MENTAL HYGIENE, New York, NY

August 2024-Present

Data Analytics & Program Evaluation Intern

- Statistically analyzing survey data to evaluate impact of Eat Healthy Live Life, a nutrition education program, on diet and distribution of diabetes and hypertension in East Harlem (Bureau of Harlem Neighborhood Health)
- Leading program evaluation by using 3+ statistical tests in SAS to identify variables with greatest health impact
- Providing targeted recommendations for program & survey improvement to Bureau leads to optimize program efficacy

PRECISION AQ, New York, NY

June 2024-August 2024

Market Access Intern

- Developed 3 comprehensive payer value propositions (PVPs) for 3 pharmaceutical clients, enabling clients to enhance market access for 3 newly launched products
- Verified epidemiological data in 3 PVPs against proprietary clinical research to ensure PVP demonstrated each product's maximum clinical and economic value
- Collaborated in a cross-functional matrix environment to critically evaluate methodological issues in clinical studies, resulting in 4 presentations to internal stakeholders on efficacy of 2 newly launched vaccine products

COLUMBIA UNIVERSITY SCHOOL OF PUBLIC HEALTH, New York, NY

October 2023-Present

Graduate Research Assistant

- Co-authoring literature review on epidemiological studies exploring effects of pharmacotherapy on pregnant women with opioid, cannabis and stimulant use disorders using PubMed
- Supplementing development of 2 research protocols and study designs by presenting analyses from literature review, ensuring that proposed methodologies aligned with existing primary and secondary pharmacoepidemiology studies

PETRIS CENTER ON HEALTH ECONOMICS, Berkeley, CA

January 2023-August 2023

Research Assistant

- Executed empirical health economics and outcomes research (HEOR) with Dr. Richard Scheffler, culminating in a policy recommendation to key lawmakers and academics
- Investigated association of private equity investments to health spending by analyzing 5000+ investments by industry
- Produced 40 data visualizations using PitchBook for private equity healthcare investments in Africa, Oceania, Canada

LEADERSHIP EXPERIENCE

COLUMBIA UNIVERSITY OFFICE OF THE VICE DEAN, New York, NY

November 2023-Present

Assistant Project Manager

- Provided essential project management support to the Vice Dean by leading the comprehensive re-organization of Faculty Awards project timeline and managing project completion of 2 Faculty Awards in two weeks
- Optimized the School's public health profile by directing the compilation of dossiers for faculty award nominations
- Led coordination efforts for Vice Dean's initiatives by developing and designing presentations for internal stakeholders

UC BERKELEY SCHOOL OF PUBLIC HEALTH, Berkeley, CA

May 2022-May 2023

Course Lecturer & Manager –Public Health Journalism

- Pioneered current events curriculum by developing and implementing syllabus & weekly lesson plans in effective public health journalism for semester-long course
- Spearheaded marketing initiative using multi-pronged methodology to increase student enrollment by 400%
- Facilitated class of 20 undergraduate students in lessons and discussions in public health data interpretation

SKILLS

Programming/Data: R, Python, SAS, GitHub, PitchBook, natural language processing, logistic regression, ML

Languages: English, Urdu (native speaker)