GAGARIN ZHAO

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EDUCATION

Columbia University Mailman School of Public Health New York, NY
Master of Public Health, Sociomedical Sciences, Advanced certificate in Applied Biostatistics May 2020
Master's Thesis: "Trends in Prevalence of Barriers to Care Amongst People Living with HIV in New York City, 2002-2017"
Examples of coursework: Quantitative Research Methods, Relational Databases & SQL Programming, SAS, Data Science

New York University New York, NY
Bachelor of Arts, Psychology May 2017
Minors: *Child and Adolescent Mental Health Studies, Anthropology*

RELEVANT PROFESSIONAL EXPERIENCES

New York City Department of Health and Mental Hygiene (NYC DOHMH), Bureau of HIV New York, NY
HRTP Data Analyst Intern Jun 2019 – Dec 2019
- Utilized SAS statistical software to analyze claims data from Medicaid and HIV surveillance data reported to the NYC DOHMH, producing results on demographics and health outcomes
- Assisted in conceptualizing an analysis on HIV viral suppression comparing transgender people who receive gender-affirming healthcare to non-transgender people living with HIV (PLWH)
- Writing a research manuscript on methodology and results on analysis of viral suppression amongst transgender PWLH

The Community Health Advisory & Information Network (C.H.A.I.N.) at Columbia University New York, NY
Graduate Research Assistant Jan 2019 – Aug 2019, Jan 2020 – Present
- Performing quantitative data analysis and interpretation in an ongoing cohort study of persons living with HIV/AIDS in New York City and the Tri-County region, in collaboration with NYC DOHMH
- Writing reports and presentations that respond to the questions, interests, and priorities of the HIV Planning Council, advising policy and funding decisions, as supported by grants from the Ryan White HIV Treatment Extension Act
- Processing systematic survey data from the perspective of persons living with HIV about their needs for health and human services, their encounters with the full continuum of HIV services, and their physical, mental and social wellbeing

New York University, Psychology Department New York, NY
Research Assistant April 2016 - August 2016
- Conducted eye-tracking and electrodermal activity assessments for a computerized social psychology experiment that regards young Black males' attitude toward members of the police force
- Contributed directly to research data by collecting data from participants recruited from high schools around New York City
- Completed other administrative and research-related tasks

PROJECTS AND PUBLICATIONS

Improving Data on the HIV Epidemic by Identifying Transgender Persons in Medicaid In New York City, 2013-2017
March 6th-8th, 27th Annual Conference on Retroviruses and Opportunistic Infections (CROI)

C.H.A.I.N. Briefing 2018-1 Place of Residence and Location of Services: Updates
Sep 19, 2019, The Community Health Advisory & Information Network (C.H.A.I.N.) at Columbia University

LEADERSHIP EXPERIENCE

Students for a National Health Program | Columbia University Mailman School of Public Health New York, NY
Vice President of External Relations Dec 2018 – Dec 2019

Women 4 Women | Columbia University Mailman School of Public Health New York, NY
Vice President of Programming Dec 2018 – Dec 2019

SKILLS

- **Languages:** English, Mandarin Chinese
- **Data:** R, Microsoft Access, Microsoft Excel, Mplus, SAS, SPSS, SQL