

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: "Predictors of Barriers to Care Among People Living with HIV in New York City, Changes from 2002 to 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

PROFESSIONAL EXPERIENCES

Louisiana Primary Care Association (LPCA)

Baton Rouge, LA

Health Information Technology Data Analyst

July 2020 – Present

- Managing and developing methods for health data collection, statistical analysis, visualizations, and reporting
- Supporting and training federally funded Community Health Centers through webinars and in-person sessions to maximize their efficiency and optimize patient outcomes
- Collaborating with program staff, health information exchange entities, and solutions staff in communicating needs regarding databases and reporting tools

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 – May 2020

- Performed 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
- Wrote 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
- Processed 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 City Department of Health and Mental Hygiene (NYC DOHMH), Bureau of HIV

New York, NY

HTRP 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

CONFERENCES AND PUBLICATIONS

Gender-affirming surgeries are associated with high and sustained levels of viral suppression over time among transgender people with HIV in New York City, 2013-2017

July 6th-10th, 23rd International AIDS Conference (AIDS 2020: Virtual)

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

SKILLS

- Languages:** English, Mandarin Chinese
- Data & Statistical Programming:** R, Microsoft Access, Microsoft Excel, Mplus, Power BI, SAS, SPSS, SQL, Tableau