

Allison Holmes

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608.609.0775 | New York, NY

EDUCATION

Columbia University, Mailman School of Public Health, New York, NY Expected May 2023

Master of Public Health candidate, Epidemiology, Certificate in Infectious Disease Epidemiology

Involvement: Graduate Teaching Assistant – Relational Databases and SQL Programming, Statistical Computing with SAS, Qualitative Research Methods, Introduction to Public Health; Uptown Dreamers volunteer

Emory University, Atlanta, GA May 2018

Bachelor of Science, Anthropology & Human Biology, Minor in Global Health, Culture, & Society

Involvement: Women's Varsity Soccer, Supplementary Instructor – General Chemistry I and II, Honor Council Vice Chair, Oxford Welcome Leader, Pierce Leadership Certificate recipient, Ethics and Servant Leadership Program

Honors: Robert W. Woodruff Scholar, Emory Scholars Program, Phi Beta Kappa, Lambda Alpha, Phi Eta Sigma

Study Abroad: Arica, Chile (Fall 2017), Buenos Aires, Argentina (Summer 2016) - public health-focused curricula

PROFESSIONAL EXPERIENCE

New York City Department of Health and Mental Hygiene, New York, NY June 2022 – Present

Graduate Intern, Foodborne Disease

- Completed 100+ foodborne disease case investigations, including interview, documentation, and follow-up testing.
- Manages 10+ cluster investigations, including compiling exposure data, analyzing data for common exposures, producing summary reports, and communicating investigation findings through oral and poster presentations.
- Interprets laboratory and clinical data and communicates with hospitals, labs, and providers as necessary.
- Conducts quality reviews, data cleaning, and compilation for regular report to CDC using SAS for typhoidal cases.
- Outbreak response activation for mpox virus as case investigator, August 2022.

Centers for Disease Control and Prevention, Nashville, TN Oct 2019 – Aug 2021

Public Health Associate (PHAP), Tennessee Department of Health, Mid-Cumberland Region

- Trained as disease intervention specialist in interviewing, contact tracing, partner services, and harm reduction.
- Interviewed over 300 STD and COVID-19 cases, completed documentation and follow-up with contacts and providers.
- Promoted to direct supervisory role for regional team of 20 COVID-19 case investigators and admin support staff.
- Hired and trained over 50 COVID-19 contract staff for local county health departments, designed all training materials.
- Conducted data quality reviews in surveillance systems, developed case assignment system, completed monthly reports, disseminated program updates, led weekly meetings, and created employee schedules.
- Communicated between state, regional, and local health department teams and advised on process improvements.
- Served on objective review panel for federal Ending the HIV Epidemic (EHE) grant proposals.
- Federal COVID-19 response deployments: Vaccine Coordination Cell Liaison Officer Region IV, CASPER surveyor.

AmeriCorps - Impact America, Memphis, TN July 2018 – July 2019

Program Coordinator (Mar-Jul 2019), AmeriCorps Member

- Conducted and scheduled vision screenings for children aged six months to twelve years.
- Served as site coordinator, trained volunteer tax preparers, and prepared income tax returns in Spanish and English.
- Maintained accuracy of large sets of data in Excel, performed quality reviews and data processing.
- Recognized for strong work contributions and promoted to Program Coordinator role midway through service year.

SKILLS & PROJECTS

Software: Advanced: SAS, SQL, R, QGIS, GeoDa, disease surveillance systems, MS Excel, MS PowerPoint
Intermediate: REDCap, MS Access, SaTScan, Tableau, Adobe Photoshop, Final Cut Pro

Data Analysis: Categorical data analysis, survival analysis, regression models (logistic, linear, geographically-weighted), database management and normalization, observational study design, qualitative data analysis, data cleaning

Languages: Spanish (professional working proficiency)

Other Skills: Interviewing, contact tracing, harm reduction, survey design, quality review, program planning, program evaluation, cultural humility, communication, writing, presenting, grant review

Projects: Thesis, poster: The Contagion of Vaccine Hesitancy: Bivariate cluster and multivariate global weighted regression analysis of COVID-19 vaccination rates on Polio vaccination rates in New York City.
Poster: Multistate salmonellosis investigations related to backyard poultry exposure.
SQL Database: CDC Data reporting for typhoidal case investigations in New York City.