

Adam M Whalen, MPH
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EDUCATION

Columbia University Mailman School of Public Health, New York, NY

Master of Public Health, Epidemiology

2021

Applied Biostatistics and Public Health Data Science Certificate

GPA 4.03/4.0

Relevant Coursework: Spatial Epidemiology, Application of Epidemiologic Research Methods, Applied Epidemiologic Analysis, Design & Conduct of Observational Epidemiology, Analysis of Categorical Data, Applied Regression I & II, Data Science I, Latent Variables and Structural Equation Modeling for Health Sciences, Machine Learning for Epidemiology, Public Health GIS

Santa Clara University, Santa Clara, CA

Bachelor of Science, Public Health Science and Biology

2015

Biomedical Sciences Emphasis

School for International Training, Geneva, Switzerland

Global Health and Development Policy Program (non-degree)

2013

RESEARCH EXPERIENCE

Albert Einstein College of Medicine, Bronx, NY

Associate Faculty / Data Analyst, Department of Epidemiology and Population Health

2021 – present

- Member of research faculty, aligned to Hispanic Community Health Study/Study of Latinos, the largest NIH-funded longitudinal study of Hispanic health in the United States
- Assist internal and external collaborators with research activities including literature review, data analysis, manuscript development and revision, and grant application preparation
- Manage administrative responsibilities for HCHS/SOL Bronx Field Center, such as manuscript proposal submission and dataset management, development, and distribution for external collaborators
- Additional work on MACS/WIHS Combined Cohort Study (MWCCS), a multicenter cohort study of people living with HIV in the United States

Columbia University, Department of Epidemiology, New York, NY

Research Assistant, Spatial Epidemiology Lab

2021

- Research assistant working on multiple projects with mentorship from Dustin Duncan, ScD
- Edited and prepared for submission NIH G13 grant application for book development funding
- Investigating documentation of interactions with police among Black sexual minority men in New Orleans, LA in preparation for subsequent grant development and manuscript preparation

Columbia University, Department of Epidemiology, New York, NY

Center for Injury Science and Prevention

Casual Research Assistant to Thelma Mielenz, PhD

2020 – 2021

- Research assistant working on manuscript preparation and analysis of healthy aging and self-care health behaviors using AAA LongROAD cohort study dataset
- Conducted literature reviews of past relevant publications using the same and similar data sets

- Developed Statistical Analysis Plan with detailed method roadmap for subsequent analysis and manuscript development
- Began manuscript construction and a priori hypothesis generation
- Attended mentor-led and self-driven trainings to develop survival analysis skills using Stata

NYC Department of Health and Mental Hygiene, Long Island City, NY

Health Research Training Program Intern, Bureau of Epidemiology Services

2020

- H RTP Intern in Research & Evaluation Unit, focused on survey weighting methodology and application
- Conducted analysis of multiple imputation methods for survey weighting by accuracy and precision
- Assisted with SAS macro development and improvement for survey weighting for use in Healthy NYC Community Survey

PUBLICATIONS

Kim B, **Whalen AM**, Rundle AG, Morrison CN, Branas CC, Duncan DT. Chapter 8: Neighborhoods and COVID-19: Current Research, Future Directions, and Place-based Interventions. In: Kawachi I, Morse SS, Duncan DT, eds. *The Social Determinants of the COVID-19 Pandemic*. Oxford University Press; 2022 (anticipated). In progress.

Mielenz TJ, **Whalen AM**, Andrews H, Molnar LJ, Eby DW, Li G. Associations of Self-Care Health Behaviors with Driving Cessation Among Older Drivers. *Frontiers in Public Health*. In Press.

Laniado N, Khambaty T, Hua S, Kaplan R, Llabre MM, Schneiderman N, Singer RH, Qi Q, Cai J, Finlayson TL, **Whalen AM**, Isasi CR. Periodontal disease and incident prediabetes and diabetes: the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *J Clin Periodontol*. 2022 Feb 2. doi: 10.1111/jcpe.13599. PMID: 35112368.

Mielenz TJ, Tian J, Silverman KD, **Whalen AM**, Kanno S, Durbin LL, Perlmutter AS, Xue Q-L. The Association of Pain Levels and Low Physical Activity among Older Women. *Geriatrics*. 2021; 6(4):103. <https://doi.org/10.3390/geriatrics6040103>.

PRESENTATIONS

Whalen AM, Filigrana P, Perreira KM, Gallo LC, Kaplan R, Suglia SF, Cai J, Llabre MM, Cordero C, Penedo FJ, Lee DJ, Daviglius M, Pirzada A, Pichardo MS, Isasi C. The Association of Socioeconomic Adversity in Childhood and Adulthood with Adulthood All-Cause Mortality in the Hispanic Community Health Study/Study of Latinos. 8th Annual Conference, New York City Epidemiology Forum, New York, NY. Poster presentation. May 2022.

Whalen AM, Wang SM. An analysis of imputation methods for survey weighting. Columbia Mailman School of Public Health, Department of Epidemiology, New York, NY. Lightning-round poster presentation. Nov 2020.

Whalen AM, Arrouzet C, Nash A, Sadler SK, Ruscetti T, Saxton K. From the Ground Up: An Evidence-Based Intervention Proposal to Implement School Gardens as a Means to Reduce Type II Diabetes Incidence among Low-Income, At-Risk Populations. Santa Clara University, Public Health Program & Department of Biology, Santa Clara, CA. Poster. June 2015.

Whalen AM. Smoking in Switzerland: Analysis of Youth Perception of Cigarette Use. School of International Training, Global Health and Development Policy Program, Geneva, Switzerland. Presentation. 2013.

HONORS AND AWARDS

Top Rated Abstract and Flash Science Presenter, New York City Epidemiology Forum (2022)
Nominee, Best Student Data Science Project, Columbia University Data Science Institute (2021)
Dean's Scholarship, Columbia University Mailman School of Public Health (2019)
Keynote Speaker, Ignite Leadership Conference, Santa Clara University (2016)
University Honors Program Scholar, Santa Clara University (2011)
Dean's Scholarship, Santa Clara University (2011)
Eagle Scout Award, Boy Scouts of America (2010)

PROFESSIONAL EXPERIENCE

Columbia University Mailman School of Public Health, Department of Biostatistics

Lead Teaching Assistant

2021

P8120: Analysis of Categorical Data

- Assist with administration and delivery of large Masters-level methodology course (Spring 2021)
- Manage and mentor team of 8 Teaching Assistants, and hold office hours to assist student learning

Columbia University Mailman School of Public Health, Department of Epidemiology

Lead Teaching Assistant

2020

P6031: Research Methods and Applications, Quantitative Foundations Concentration

- Support introductory epidemiology and biostatistics course for 500 first-year Masters students
- Worked closely with faculty to develop and refine course structure, including material covered, assessment tools, and content development during COVID-19 pandemic pivot to remote/virtual learning
- Manage and mentor team of 20 Teaching Assistants who deliver small group lab practice sessions
- Handle course logistics, from course web platform design and delivery to student issues

Virta Health, San Francisco, CA

2017–2018

Senior Patient Success Associate

- Early employee (< 50) at a healthcare tech startup using nutrition and a telemedicine-powered continuous care model to reverse Type II diabetes
- Oversaw and facilitated entire patient enrollment to online clinic for 3 clients (10k–50k employees each)
- Designed, planned, and executed processes to improve enrollment conversion and median days to enroll
- Maintained relationships with external client contacts, and managed contract partner company work
- Identified system issues and escalated bugs appropriately with supporting data and impact measures
- Performed regular audits of tools and workflows to ensure data integrity, accuracy, and utilization
- Shared successful processes with other teams, including unique user tracking and database queries, leading to increased product sustainability, greater tool usability for coworkers, and more effective conversion and retention for onboarded patients
- Implemented a confidential bias incident reporting tool for company's internal Diversity Group to promote employee safety
- Served on the internal office relocation planning team, assessing needs for diverse team, and securing gender neutral restrooms
- Participated in quarterly company-wide hackathon projects, delivering user-ready final products or concepts within three days

Jesuit Volunteer Corps, Baltimore, MD

2015–2016

Program Coordinator, Back on My Feet Baltimore

- Served as individual case manager for residential members recovering from addiction, incarceration, or homelessness
- Facilitated financial literacy, job readiness, resume prep, and goal-setting workshops with corporate partners from community
- Worked with circuit court judicial team and other local non-profit providers on inaugural Veterans' Diversion Court initiative, allowing veterans with drug-related offenses to receive social service support and treatment instead of incarceration
- Managed relationships with volunteers, professional partners, and staff at residential housing facilities

LEADERSHIP & VOLUNTEERING

Students for a National Health Program – Mailman Chapter

President

January 2020 – February 2021

- Work with fellow Executive Board members to host events for students and advocate for single payer healthcare in the United States
- Collaborate with organizations across Mailman, Columbia, and beyond, including other chapters of SNaHP and Physicians for a National Health Program

NYC Department of Health and Mental Hygiene, New York, NY

Member, Team Epi, Bureau of Communicable Disease

Oct 2019 – May 2021

- Respond to calls for support by Foodborne Disease Division to assist with emergent outbreaks
- Conduct investigative interviews with suspected cases for identification, reporting, and contact tracing
- Completed official training with DOH staff to learn about Department investigations and surveillance

TECHNICAL SKILLS

SAS, R/R Studio, Stata, QGIS, SQL (MySQL), Microsoft Access, Salesforce, Zendesk, Asana, Google Apps/Drive, Microsoft Office Suite, Looker data visualization