

Allison Elaine Olmsted

allison.olmsted@emory.edu | www.linkedin.com/in/allison-olmsted3

Summary of Qualifications

- Epidemiologist skilled in reviewing literature, designing data collection tools, implementing data collection, analysis, and interpretation to inform recommendations. Effective communicator of results to stakeholders of any background.
- Topical health experience includes COVID-19 and other vaccine-preventable diseases, HPV, HIV/STI prevention, maternal and child health and nutrition, and diabetes.
- Languages: Proficient Spanish, intermediate French, beginner Vietnamese
- Countries of experience: Spain, Togo, Uganda, U.S./Mexico border region, Vietnam

Education

Emory University, Doctor of Philosophy in Epidemiology August 2024 - December 2028 (expected)
Selected courses: Statistical programming, concepts and methods in infectious disease epidemiology, teaching epidemiology

The University of Texas Health Science Center at Houston, Master of Public Health in Epidemiology August 2019 - May 2021
Awards: Outstanding New Student Scholarship, Lauren and Adam Strauss Endowed Scholarship for Academic Merit
Selected courses: Intermediate biostatistics, quantitative analysis for public health research and practice, program evaluation, nutritional epidemiology

Emory University, Bachelor of Arts in Chemistry and Anthropology August 2011 - May 2015
Awards: Emory University Center for Ethics Undergraduate Program in Global Research and Development Grant, Jack Boozer and Hermann and Janet Noether Award in Social Ethics and Community Service

Public Health Experience

Texas Department of State Health Services, Houston, TX
Public Health Region 6/5 South, *Epidemiologist II* December 2023 - September 2024

- Investigated and filed communicable disease surveillance reports for waterborne, foodborne, vaccine-preventable, and respiratory illnesses
- Automated surveillance data cleaning and analysis using R
- Responded to outbreaks for vaccine-preventable diseases including rubella and congenital rubella syndrome (CRS)

U.S. Centers for Disease Control and Prevention, Vietnam
Division of Global Health Protection, *PHI Global Epidemiology Fellow* September 2021 - August 2023

- Oversaw design and implementation of SARS-CoV-2 seroprevalence studies including protocol development, data collection, analysis (using Stata and R), interpretation, and dissemination of results through oral presentations and external publications. Sample sizes ranged from 738-5,631 participants.
- Cleaned, analyzed, and visualized genomic sequencing data for SARS-CoV-2 variants in Vietnam using R (n=7,621).
- Cleaned survey data to inform Hepatitis B booster introduction for Vietnamese schoolchildren using Stata (n=869).
- Coordinated vaccine preventable disease (meningitis encephalitis, diphtheria, pertussis) surveillance in two regions of Vietnam, identifying needs and capacities for surveillance and managing implementing partner relations.
- Managed work with multiple MOH partners to establish a National Public Health Institute (NPHI) in Vietnam, including controlling knowledge management, leading meetings, and organizing technical support visits from headquarters.
- Primary point of contact for bi-annual, multiagency Global Health Security Progress Report including soliciting, editing, and coordinating submission of all U.S. CDC inputs.

Baylor College of Medicine/Texas Children's Hospital, Houston, TX
Program for Immigrant and Refugee Child Health, *Practicum Student/Researcher* May 2020 - December 2021

- Coordinated a qualitative research project to understand immigrant mothers' perspectives on pediatric primary care.
- Participants were from Afghan, Syrian/Iraqi, Guatemalan, Honduran, Salvadoran, and Congolese backgrounds.
- Designed questionnaires, conducted 8 interviews, 4 focus groups, and analyzed data using Atlas.ti.
- Presented findings at statewide conference for migrant health and published manuscript as second author.

The University of Texas Health Science Center at Houston (UTHealth) School of Public Health, Houston, TX

Department of Health Promotion and Behavioral Sciences, *Research Assistant II*

May 2021 - August 2021

- Developed two manuscripts focused on intervention design and outcomes reporting for All for Them, a school-based project designed to increase HPV vaccination initiation and completion by improving overall vaccine access and increasing vaccine demand among medically underserved populations in Texas.

Department of Health Promotion and Behavioral Sciences, *Graduate Research Assistant*

November 2020 - May 2021

- Coordinated four research assistants to support community engagement for a countywide SARS-CoV-2 surveillance project.
- Launched project including planning, writing the manual of procedures, and orientation of new team members.
- Produced weekly visualizations of new field data using Excel to inform team engagement strategies.
- Designed and conducted literature review, surveys (using REDCap), and qualitative interviews to evaluate program participation and ensure evidence-based communications to improve performance.

Center for Health Promotion and Prevention Research, *Graduate Research Assistant*

February 2020 - April 2021

- Coordinated a pilot study to test the feasibility of online sexual health modules among adolescents admitted into psychiatric facilities (n=51).
- Designed electronic survey form using Qualtrics.
- Traveled to the psychiatric facility 3x/week for four months to implement data collection and monitor recruitment.
- Managed resulting dataset and analyzed data to assess changes pre- and post-implementation.
- Wrote manuscript and published as first author.

Center for Health Promotion and Prevention Research, *Graduate Research Assistant*

May 2020 - November 2020

- Liaison between COVID-19 Communications Team and community partners including rapid needs assessments and planning.
- Used a participatory approach to design communications to reach people at increased risk for COVID-19 infection. Worked with seven community partners to design over 75 traditional and social media materials for COVID-19 prevention and resources, using Canva.
- Led efforts to design COVID-19 curriculum for City of Houston Community Health Workers (CHWs) which was adopted by the Mayor's Office of Education and translated into five languages.
- Built an online (Qualtrics), evidence-based evaluation of CHW training efforts and field work to inform outreach efforts.
- Supervised three student interns to assist in all above efforts.

Epidemiology, Human Genetics, and Environmental Sciences Department, *Graduate Research Assistant*

October 2019 - April 2020

- Provided research support for the Greater Houston Coalition on Social Determinants of Health.
- Conducted systematic literature review to assess the impact of food insecurity interventions on health outcomes based on study design and limitations, resulting in a comprehensive evidence table and report to inform senior staff.

Peace Corps, Community Health and Malaria Prevention Specialist, Togo

June 2016 - August 2018

- Implemented 30 community-based trainings to address malnutrition, malaria, and WASH behaviors, reaching 250 people.
- Administered over 125 surveys across 10 villages to evaluate health needs and barriers to bed-net use.
- Organized fundraising efforts to install a lab in the local clinic. Supported project through proposal development, grant application, budgeting, community organizing, and project management throughout the life cycle.
- Developed training manual to support CHW capacity-building, including evaluation, which was adopted by Peace Corps staff to incorporate into training for future volunteer cohorts.
- Co-organizer for Camp UNITE, a national summer camp for young adults focused on gender equity, health, and leadership.
- Submitted quarterly monitoring and evaluation reports for all activities conducted at site.
- Selected two years consecutively as a trainer for incoming volunteer cohort.
- Conducted all activities in French.

Rollins School of Public Health, Ventanilla de Salud Team Member, Atlanta, GA

August 2014 - December 2014

- Presented weekly to Mexican consulate visitors to educate on affordable health options, disease prevention, and insurance enrollment. Referred people as necessary to health resources.
- Used Google My Maps Tool to compile affordable health options for clients who were underinsured in GA and AL.
- Conducted all activities in Spanish.

UTHealth School of Public Health, Undergraduate Research Assistant, Brownsville, TX

June 2014 - August 2014

- Supported Hispanic Health Research Center activities by conducting literature review and qualitative analysis to design a culturally tailored and evidence-based support group structure for diabetic patients across four border counties.

Foundation for Sustainable Development, Intern, Uganda

May 2013 - August 2013

- Conducted a community needs assessment, leading to implementation of health clubs to increase access to resources and information within three local high schools in Iganga, Uganda.

Programs and Skills

Software Experience

Stata, SAS, R, Excel, Power BI, Atlas.ti, Qualtrics, REDCap, Canva, Microsoft SharePoint and Office 365

Selected Soft Skills

Self-directed, strong communicator, adaptable, analytical, dependable, and excellent at navigating cross-cultural encounters

Presentations

- Olmsted, A.**, Bui, H., Do, T., Le, B., Vu, D., Binder, S., Bratton, S., Jarvis, D., Jones, C., Baggett, H., Kim, B., Kim, L. Planning for long-term partnership: Early successes and challenges in developing Vietnam's National Public Health Institute. Oral presentation. 2022 Annual Centers for Disease Control Fellows Collective Conference, virtual, Oct 12, 2022
- Olmsted, A.**, Markham, C., Shegog, R., Ugueto, A., Johnson, E., Peskin, M., Emery, S., Baker, K., & Newlin, E. Feasibility and Acceptability of Technology-supported Sexual Health Education Among Adolescents Receiving Inpatient Psychiatric Care. Oral presentation. American Public Health Association (APHA) 2021 Annual Meeting and Expo, virtual, Oct 24, 2021.
- Olmsted, A.**, Francisco, T., Fredricks, K. Immigrant Mothers' Perspectives on Health and Barriers to Accessing Child Primary Care. Poster session. 4th Annual Conference on Migration and Health, virtual, March 21, 2021.

Publications

- Nguyen, D.T., Nguyen, T.L., **Olmsted, A.E.**, Duong, T.H., Hoang, H.M., Nguyen, L.H., Ouattara, M., Milucky, J., Vo, T.T.D., Phan, V.T., Nguyen, T.H.A., Pham, N.M.N., Truong, H.K., Phan, T.Q.T., Bui, T.H.H., Pham, V.K., Iijima, M., Le, B., Kim, L., Farrar, J.L. (2024). Epidemiology of pneumococcal meningitis in sentinel hospital surveillance of Viet Nam, 2015-2018. *BMC infectious diseases*, accepted October 2024.
- Wagner, T., **Olmsted, A.**, Lopez, K., Fredricks, K. (2024). Immigrant Mothers' Perspectives on Pediatric Primary Care: Challenges and Solutions to Improve Medical Home Utilization. *Journal of Health Care for the Poor and Underserved*, 35(1). [Accepted for publication February 2024].
- Hung, D. T., Trieu, N. B., Thuy, D. T. T., **Olmsted, A.**, Long, T. H., Duy, N. D., Mai, H. K., Hien, B. T. T., Van Van, N., Van Kiem, T., Trang, V. T. T., Duy, N. T., Thanh, T. T., Van Dong, H., Gould, P., & Moore, M. (2022). Systematic sequencing of imported cases leads to detection of SARS-CoV-2 B.1.1.529 (Omicron) variant in central Viet Nam. *Western Pacific surveillance and response journal : WPSAR*, 13(4), 1–4. <https://doi.org/10.5365/wpsar.2022.13.4.977>
- Vu, D. M., Vu, D. T. B., Do, T. T. T., **Olmsted, A. E.**, Dao, B. H., Thai, T. T., Nguyen, C. L., Le, N. T. T., Le, T. A., Bui, H. T. T., Pham, T. N., & Moore, M. R. (2022). Presence of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antibodies Among Vietnamese Healthcare Workers by Dosing Interval for ChAdOx1 nCoV-19 Vaccine. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*, 75(Supplement_2), S174–S181. <https://doi.org/10.1093/cid/ciac493>
- Olmsted, A. E.**, Markham, C. M., Shegog, R., Ugueto, A. M., Johnson, E. L., Peskin, M. F., Emery, S. T., Baker, K. A., & Newlin, E. W. (2022). Feasibility and Acceptability of Technology-supported Sexual Health Education Among Adolescents Receiving Inpatient Psychiatric Care. *Journal of child and family studies*, 31(7), 2050–2064. <https://doi.org/10.1007/s10826-022-02259-4>