

EDUCATION

Ph.D. – Epidemiology (Infectious Disease, Biostatistics Minor) 2017

University of Minnesota-Twin Cities, School of Public Health, Minneapolis, MN

Dissertation: Impact of Gastrointestinal Health on HIV and Co-infection Disease Progression (*Advisors: David R. Boulware, primary; Claudia A. Muñoz-Zanzi, senior co-advisor*)

2015 Doctoral Dissertation Fellow

2011 Dean's Scholar Scholarship Awardee

Master of Public Health – Epidemiology 2009

University of California-Los Angeles, Los Angeles, CA

Thesis: Survey of maternal and child health indicators in Odobéré, Senegal, July 2008 (*Advisor: Anne W. Rimoin*)

2008 Bixby Population and Reproductive Health Fellow

B.A. – International Relations (Concentration: African Region), French Minor 2004

Bucknell University, Lewisburg, PA

SELECT PROFESSIONAL EXPERIENCE

Idaho Hospital Association**Boise, ID**

Epidemiologist, Cancer Data Registry of Idaho and Time-Sensitive Emergency Registry

August 2019–present

Idaho Surveillance, Epidemiology, and End Results (SEER) Contract Co-Principal Investigator

- Support all aspects of surveillance data collection as part of Idaho's NPCR- and SEER-funded central cancer registry leadership team
- Conduct and collaborate on a wide range of epidemiological analyses. Current aims include improving follow-up and outcomes data, identifying disparities in cancer incidence and survival, and process improvement in Idaho's time-sensitive emergency response system
- Manage registry participation in national quality improvement and research studies, e.g. National Cancer Institute Patterns of Care Studies
- Support and increase the use of cancer registry and time-sensitive emergency registry data by local and national partners, with particular focus on appropriate use of data and interpretation of analytic results
- Actively participate in state and national advisory committees, including the Idaho Cancer Analysis Work Group and Cancer Control Leadership Team, the Idaho Time-Sensitive Emergency Council, and NAACCR committees and workgroups (chair or co-chair for two)
- Provide audience-appropriate interpretations of analytic findings to policy makers, public health practitioners and researchers, and the general public
- Support state COVID-19 response through analyses of incident case and hospitalization data (06/2020–12/2021)

Epidemic Intelligence Service Program, Centers for Disease Control and Prevention**Boise, ID**

Epidemic Intelligence Service Officer assigned to Idaho Department of Health and Welfare

July 2017–June 2019

- Applied technical skills in probabilistic matching, geocoding, data management and statistical analyses to the conduct of the following selected public health practice projects:
 - Population-based cancer survivorship in the United States, 2005–2014
 - Characteristics of Repeat Users of Emergency Medical Services (EMS) — Idaho, 2013–2016
 - Evaluation of Causes of Death among Refugees to Idaho, 2011–2017
 - Spatiotemporal Analyses of Opioid-Related Overdose Mortality and Naloxone Administration by EMS — Idaho, 2010–2017
- Directly respond to and provide technical assistance for coordinated outbreak responses in various U.S. jurisdictions, e.g. romaine lettuce-associated *E. coli* O157:H7 in Idaho, syphilis among men who have sex with men in Alaska