

Motivated epidemiologist with extensive experience monitoring surveillance systems, building and managing databases, analyzing data, and producing functional reports. Dedicated to public service and leveraging data to promote health equity.

Experience

EPIDEMIOLOGIST • UNIVERSITY OF KENTUCKY • FROM OCTOBER 2019 - PRESENT

- Analyzes hospital administrative discharge data and death certificate data to develop general injury morbidity and mortality reports, maps, and other surveillance outputs.
- Manages and analyzes Kentucky Trauma Registry (KTR) data and produces KTR reports.
- Built Kentucky Emergency Response Suicide Prevention (KERSP) database using REDCap. Manages, analyzes, and reports on KERSP data.
- Fulfills ad hoc data requests regarding general injuries. Verifies data for other KIPRC analysts.

EPIDEMIOLOGIST • KENTUCKY DEPARTMENT FOR PUBLIC HEALTH • FROM MARCH 2018 – SEPTEMBER 2019

- Monitored utilization of Quit Now Kentucky (a tobacco cessation hotline) and shared data with local health department employees and other stakeholders across the state.
- Monitored surveillance systems and analyzed complex survey data in SAS. Tracked and reported the prevalence of tobacco use behaviors and risk factors.
- Managed database of 62 local health departments' tobacco program work plan/activity reports; provided technical assistance to users.
- Created data visualizations using GIS and Excel. Produced fact sheets, reports, and presentations using Microsoft Office.

PROGRAM COORDINATOR • UNIVERSITY OF LOUISVILLE SCHOOL OF MEDICINE • FROM APRIL 2017 - MARCH 2018

- Managed the Arriving Refugees Informatics & Surveillance Epidemiology (ARIVE) database in REDCap, which contained over 16,000 electronic medical records. Created annual Refugee Health Program surveillance reports using Microsoft Excel and Tableau.
- Built new REDCap database containing over 2,000 medical records for a retrospective cohort study. Built statistical models in R and performed spatial analysis in GIS.

RESEARCH ASSISTANT • UNIVERSITY OF LOUISVILLE SCHOOL OF MEDICINE • FROM AUGUST 2015 – MARCH 2017

- Used pneumonia vaccination data collected from patients, healthcare providers, and insurance companies to determine the validity of self-report pneumonia vaccination data.
- Entered electronic medical records into the ARIVE database and completed data requests.

Education

Master of Public Health, Epidemiology • 2015 • University of Louisville School of Public Health and Information Sciences

Bachelor of Arts, Anthropology • 2013 • University of Louisville College of Arts & Sciences