Professional Associate – Scientific
Public Health Epidemiologist Fellow – Occupational and Environmental
Division of Public Health

This is entry-level professional work providing a full range of services to state agencies in a variety of disciplines. Positions in this class are assigned less complex projects or problems, or are assigned segments of an overall larger and more complex project. Work assignments are characterized by defined objectives and specific guidelines but require an overall understanding of project design and purpose. The Professional Associate classification is intended as a resource to attract entry-level talent in various fields to the State.

Project Description

The public health epidemiologist fellow will help to document how environmental injustice and climate change impact health in North Carolina. Projects will include exploring the disproportionate impacts of contamination from per- and polyfluoroalkyl substances (PFAS) and flooding in lower income communities and communities of color. The fellow will assist with the development of the North Carolina Climate Impacts Compendium, as well as describing other health impacts of climate change. The fellow will also help to support data needs for our Environmental Health Data Dashboard funded through the NC Environmental Public Health Tracking Program, support other programmatic needs, and public health responses during disasters.

The position will be based in the Occupational and Environmental Epidemiology Branch and report to Dr. Sarah Hatcher, director of the Climate and Health program. Position can be hybrid or in-person, based in Raleigh with occasional travel around the state.

Manager Preference
- Experience developing data visualizations in Tableau, Excel, or other platforms.
- Experience using and managing data with Geographic Information Systems (GIS) tools.
- Experience engaging with community organizations and state or local agencies.
- Experience using statistical software (SAS or R) to analyze, clean, and manage data.

Knowledge, Skills, and Abilities
- Knowledge of epidemiologic principles, investigations, surveillance, study design, and interpretation of scientific literature.
- Knowledge of descriptive statistics, statistical analysis using statistical software, and interpretation of statistical data.
- Knowledge of database design, data management and descriptive data analysis.
- Ability to communicate effectively orally and in writing.

Minimum Education and Experience
Master's degree in Epidemiology or closely related health field from an appropriately accredited institution.
or
Bachelor's degree in Epidemiology or closely related health field from an appropriately accredited institution and two years of related experience; or an equivalent combination of education and experience.