

Professional Associate – Scientific
Public Health Epidemiologist Fellow – Communicable Disease
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 communicable disease database runs on a software system (Maven) that is currently in process to be upgraded to the latest version (6). This upgrade will unlock new features and functionality in the system. Among these new capabilities will be the ability to send out automatic surveys via email to collect additional data, as well as the capability to build in a portal which would allow direct data entry by providers, and the ability to text. Building out these functionalities and getting them ready for use is a key priority for the Surveillance Systems Unit (SSU). This fellow will work with SSU database experts as well as partners in IT and subject matter experts (SMEs) to build out these capabilities in the database. This project will include gathering requirements, working with IT on system changes, testing, collaborating on training materials, documentation, and implementation into production database. Position will be hybrid, office space is available in the Cooper building for one to two days in the office.

Manager Preference

- Knowledge or experience with data systems, including coursework in informatics.
- Any experience working with communicable disease data or databases.

Knowledge, Skills, and Abilities

- Working knowledge of epidemiologic principles, investigations, surveillance, study design, descriptive statistics, statistical analysis and interpretation of statistical data and scientific literature.
- Considerable knowledge of biostatistics including the use of statistical software and statistical programming languages.
- Considerable knowledge of computers, database design, management and manipulation.
- 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.