

## Environmental Health/Infectious Disease

### Description:

The fellow will work directly with the Environmental Health Division Director, Dr. James Logue, and the PA Environmental Public Health Tracking Section Leader, Dr. Jayanth Devasundaram. The fellow will participate in all activities within the Bureau of Epidemiology. The fellow will rotate with the different programs in the Division throughout the length of the fellowship. The fellow will be assigned to a specific project pertinent to that program during the rotation assignment. The fellow will also be able to choose one long-term project that will continue for the entire length of the assignment.

### Day-to-Day Activities:

The fellow will work directly with the Environmental Health Division Director, Dr. James Logue, and the PA Environmental Public Health Tracking Section Leader, Dr. Jayanth Devasundaram. The fellow will participate in all activities within the Bureau of Epidemiology. In the execution of the chosen one long-term project that will continue for the entire length of the assignment, the fellow will be expected to:

1. To review literature and develop hypotheses
2. Identify data sources
3. Obtain data
4. Perform data analysis
5. Discussion of procedures, processes, results, etc. with primary and secondary mentors
6. To attend meetings as needed.

### Potential Projects:

Current ongoing, predicted, or conceptualized long-term projects that will be available for consideration by the fellow include, but are not limited to,:

- (1) Work related to spatial and temporal relationships between health effects and the environment,
- (2) Work related to an investigation of Polycythemia vera in northeastern Pennsylvania;
- (3) Work related to possible asbestos exposures in southeastern Pennsylvania; and
- (4) Work related to federal health assessment activities pertaining to National Priority List sites, other sites of interest, and sites of potential environmental and public health hazard across the Commonwealth of Pennsylvania.

These projects all have a special focus on potential environmental health issues. Data collection and analyses will be an ongoing part of his/her work.

### Emergency Preparedness Role:

The PA Department of Health, Bureau of Epidemiology has a section devoted to emergency preparedness; the fellow will coordinate with the Bureau's Preparedness Section and be involved, as

needed, with the development of health education materials that relate to preparedness for chemical and radiological emergencies, and will participate in and support appropriate meetings that take place where input on chemical and radiological emergencies is required or sought. Bio-terrorism and incident command system (ICS) training is available on the Pennsylvania Learning Management System (LMS). PA LMS is a web-based system for accessing online training programs and sharing information regarding bioterrorism and other public health issues. The LMS will allow persons to complete online training, earn continuing professional accreditation, track progress and share information in the convenience of their workplace or home. Authorized individuals are given access through the URL [www.pahealthinfo.net](http://www.pahealthinfo.net). LMS access is available 24/7 to those registered.

Assignment Location: Harrisburg, PA

Primary Location: James Logue, DrPH, MPH  
Director of the Division of Environmental Health Epidemiology and State  
Environmental Epidemiologist  
Pennsylvania Department of Health

Secondary Mentor: Jayanth Devasundaram, MBBS, MPH  
PI/PM Pennsylvania Environmental Public Health Tracking Program  
Pennsylvania Department of Health