

Opportunity Title: Surveillance Epidemiology Fellowship--Foodborne Disease

Opportunity Reference Code: CDC-DFWED-2017-0170

Organization Centers for Disease Control and Prevention (CDC)

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How to Apply A complete application consists of:

- An application
- Transcripts – [Click here for detailed information about acceptable transcripts](#)
- A current resume/CV, including academic history, employment history, relevant experiences, and publication list
- Two educational or professional references

All documents must be in English or include an official English translation.

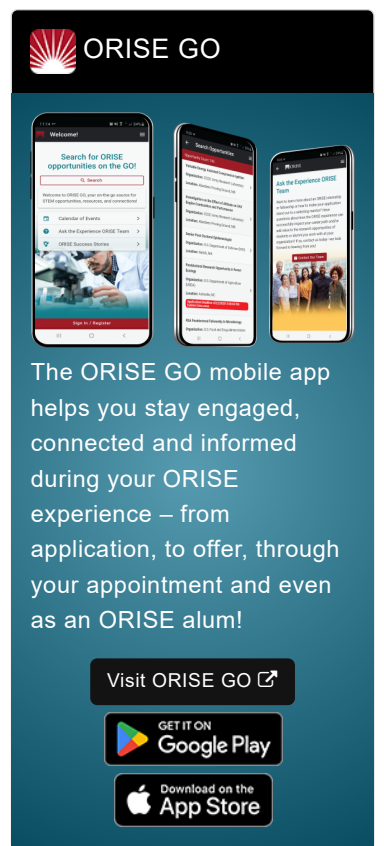
If you have questions, send an email to CDCrpp@orau.org. Please include the reference code for this opportunity in your email.

Description An opportunity is available in Enteric Diseases Epidemiology Branch (EDEB), Division of Foodborne, Waterborne and Environmental Diseases (DFWED), at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

The Enteric Diseases Epidemiology Branch works with state and local health departments and other federal agencies to conduct surveillance for bacterial enteric diseases and related antimicrobial resistance occurring in the United States. Pathogens EDEB staff members track include *Clostridium botulinum*, *Campylobacter*, Shiga toxin-producing *Escherichia coli*, *Listeria*, *Salmonella*, *Shigella*, *Vibrio*, and *Yersinia*. EDEB staff routinely collect and analyze surveillance data, publish and present findings, and collaborate with partners to improve the branch's nine surveillance systems. EDEB is organized into five teams: Analytics, the Foodborne Disease Active Surveillance Network (FoodNet), the National Antimicrobial Resistance Monitoring System (NARMS), the National Surveillance Team (NST), and the National Outbreak Reporting System (NORS).

The National Surveillance Team conducts surveillance of multiple enteric conditions including listeriosis, botulism, salmonellosis, shigellosis, campylobacteriosis, cholera, vibriosis, typhoid and paratyphoid fever, and *E. coli*.

The fellow will be trained in the collection, management, and analysis of data on foodborne disease collected through the Laboratory-based Enteric Disease Surveillance (LEDS) system. This will include learning to develop standard, automated methods to clean and evaluate passive surveillance data collected from all 50 state public health laboratories. The fellow will work closely with the surveillance coordinator as well as state health departments and laboratories, to identify and resolve data quality issues and ensure effective surveillance data collection. The fellow will assist with database development, data collection, cleaning and analysis of the LEDS surveillance data, including documentation of processes. The fellow will



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participate actively in the production of standard annual reports from LEDS surveillance data. The fellow will learn to use software tools to automate reporting and cleaning of data. The fellow will work closely with the team and IT staff to develop linking between multiple national surveillance systems. Lastly, the fellow will have the opportunity to summarize data for presentation in annual reports or scientific journals.

This program, administered by ORAU through its contract with the U.S. Department of Energy to manage the Oak Ridge Institute for Science and Education, was established through an interagency agreement between DOE and CDC. The initial appointment is for one year, but may be renewed upon recommendation of CDC contingent on the availability of funds. The participant will receive a monthly stipend commensurate with educational level and experience. Proof of health insurance is required for participation in this program. The appointment is full-time at CDC in the Atlanta, Georgia, area. Participants do not become employees of CDC, DOE or the program administrator, and there are no employment-related benefits.

- Qualifications**
- Masters of Public Health in epidemiology earned within the past five years required
 - Experience in database design and administration, informatics, or computer science would be beneficial.

- Eligibility Requirements**
- **Degree:** Master's Degree received within the last 60 month(s).
 - **Discipline(s):**
 - **Computer, Information, and Data Sciences** ([1](#)👁)
 - **Environmental and Marine Sciences** ([1](#)👁)
 - **Life Health and Medical Sciences** ([45](#)👁)
 - **Mathematics and Statistics** ([1](#)👁)