

Opportunity Title: CDC Enteric Pathogens Internship
Opportunity Reference Code: CDC-DFWED-2020-0233

Organization Centers for Disease Control and Prevention (CDC)

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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
- One educational or professional recommendation

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

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

Application Deadline 1/15/2021 3:00:00 PM Eastern Time Zone

Description *Applications will be reviewed on a rolling-basis.

A research opportunity is currently available in the Enteric Disease Laboratory Branch (EDLB) in the Division of Foodborne, Waterborne, and Environmental Diseases (DFWED) in the National Center for Emerging and Zoonotic Infectious Diseases (NCEZID) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

The PulseNet, Reference, Outbreak, and Surveillance Team (PROST) within EDLB contributes to the prevention of foodborne and diarrheal diseases in the United States and abroad by detecting, identifying and characterizing enteric bacterial pathogens. We accomplish this goal by providing reference identification and laboratory-based disease surveillance for agents of foodborne and diarrheal diseases, providing training and consultation to national and international public health partners, and developing applied research projects that use emerging technologies to identify and characterize enteric pathogens. EDLB has a strong commitment to producing high-quality science through implementation of a robust Quality Management System (QMS).

Throughout the course of this research project, the participant will learn to identify and characterize foodborne bacterial organisms using phenotypic and molecular methods. The participant will also assist with applied research projects designed to strengthen the laboratory's capacity to detect, identify enteric pathogens and understand their evolution, epidemiology and pathogenesis. This project will entail developing knowledge of a variety of enteric bacterial species, assay validation, and database development. Opportunities exist to learn how laboratory information is used and communicated in the practice of public health.

Anticipated Appointment Start Date: October 1, 2020

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 can be up to 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.



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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 The qualified candidate should have received a bachelor's degree in one of the relevant fields. Degree must have been received within five years of the appointment start date.

Candidates with MDs, DVMs, or PhDs will not be considered.

Preferred skills:

- Laboratory experience in microbiology, analytical chemistry and molecular biology
- Excellent organizational and communication skills
- Ability to work independently and as a team member
- Strong microbiology skills with experience beyond undergraduate laboratory classes

Eligibility Requirements

- **Degree:** Bachelor's Degree received within the last 60 month(s).
- **Discipline(s):**
 - **Chemistry and Materials Sciences** ([1](#) )
 - **Environmental and Marine Sciences** ([1](#) )
 - **Life Health and Medical Sciences** ([45](#) )