

Opportunity Title: CDC Bacterial Pathogen Identification Fellowship

Opportunity Reference Code: CDC-NCEZID-DFWED-2023-0028

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. Your application will be considered incomplete, and will not be reviewed until one recommendation is submitted.

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

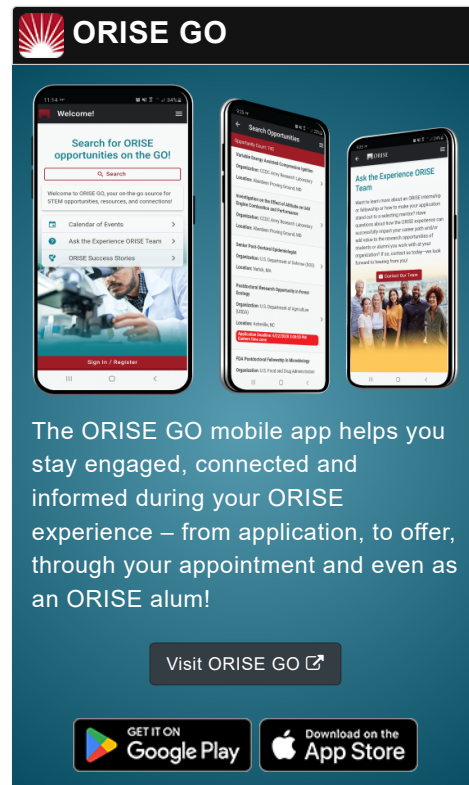
Application Deadline 5/1/2023 3:00:00 PM Eastern Time Zone

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

CDC Office and Location: The Enteric Disease Laboratory Branch (EDLB) at the U.S. Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia has a learning opportunity in its program on foodborne and diarrheal bacterial diseases.

Research Project: The PulseNet, Reference, Outbreak, and Surveillance Team (PROST) within EDLB is interested in identifying candidates with Bachelor of Science degrees who may be interested in joining our multidisciplinary team. Our laboratory team 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 like cholera, 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 such as *Vibrio cholerae*. To this end, CDC is also a founding member of the Global Task Force on Cholera Control (GTFCC) and supports the commitment to reduce cholera deaths through coordinated, multi-sectorial approaches including water, sanitation and hygiene (WASH), case management, epidemiology and surveillance, laboratory, and vaccines. EDLB contributes laboratory expertise and works with international partners to build laboratory capacity to identify *Vibrio cholerae*.

Learning Objectives: The successful candidate will learn to characterize *Vibrio cholerae* using phenotypic and genetic



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methods, and may assist with applied research projects to strengthen capacity for identification. Based on this foundational training, the fellow will help develop training materials for external/global partners, especially in areas of the world where cholera is endemic.

Mentor(s): The mentor(s) for this opportunity Dr. Christine Lee (clee13@cdc.gov). If you have questions about the nature of the research, please contact the mentor(s).

Anticipated Appointment Start Date: **March 1, 2023.** Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for one year, but may be renewed upon recommendation of CDC and is contingent on the availability of funds.

Level of Participation: The appointment is full-time.

Participant Stipend: The participant will receive a monthly stipend commensurate with educational level and experience.

Citizenship Requirements: This opportunity is available to U.S. citizens, Lawful Permanent Residents (LPR), and foreign nationals. Non-U.S. citizen applicants should refer to the [Guidelines for Non-U.S. Citizens Details page](#) of the program website for information about the valid immigration statuses that are acceptable for program participation.

ORISE Information: This program, administered by ORAU through its contract with the U.S. Department of Energy (DOE) to manage the Oak Ridge Institute for Science and Education (ORISE), was established through an interagency agreement between DOE and CDC. Participants do not become employees of CDC, DOE or the program administrator, and there are no employment-related benefits. Proof of health insurance is required for participation in this program. Health insurance can be obtained through ORISE.

The successful applicant(s) will be required to comply with Environmental, Safety and Health (ES&H) requirements of the hosting facility, including but not limited to, COVID-19 requirements (e.g. facial covering, physical distancing, testing, vaccination).

Questions: Please visit our [Program Website](#). After reading, if you have additional questions about the application process please email ORISE.CDC.NCEZID@ornl.gov and include the reference code for this opportunity.

Qualifications

The qualified candidate should have received a bachelor's or master's degree in one of the relevant fields (e.g. Microbiology, Molecular Biology, Chemistry, Medical Technology), or be currently pursuing one of

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the degrees to be received by June 1, 2023. Degree must have been received within the past five years.

Preferred Skills:

- Some laboratory experience in microbiology and molecular biology is preferred.
- Familiarity with microbiological isolation and identification and conventional and/or real-time PCR assays is helpful, but not required.
- Excellent organizational and communication skills
- Ability to work independently and as a team member.

Eligibility Requirements

- **Degree:** Bachelor's Degree or Master's Degree received within the last 60 months or anticipated to be received by 6/1/2023 11:59:00 PM.
- **Discipline(s):**
 - **Life Health and Medical Sciences** (48 👁)

Affirmation

I certify that I have not previously been employed by CDC or by a contractor working directly for CDC. I understand that CDC does not permit individuals with a prior employment relationship with CDC or its contractors to participate as trainees in the ORISE program. (Exceptions may be granted for individuals who, since the previous CDC employment, have obtained a new STEM degree which necessitates training in a new field.)