

Opportunity Title: CDC Postgraduate Fellowship in Antimicrobial Susceptibility Testing

Opportunity Reference Code: CDC-NCEZID-DFWED-2022-0316

Organization Centers for Disease Control and Prevention (CDC)

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How to Apply *Connect with ORISE...on the GO!* Download the new ORISE GO mobile app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

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 1/30/2023 3:00:00 PM Eastern Time Zone

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

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

The Centers for Disease Control and Prevention (CDC) is one of the major operation components of the Department of Health and Human Services. CDC works to protect America from health, safety and security threats, both foreign and in the U.S. Whether diseases start at home or abroad, are chronic or acute, curable or preventable, human error or deliberate attack, CDC fights disease and supports communities and citizens to do the same.

Research Project: Applicant will have the opportunity to learn about antimicrobial susceptibility testing (AST) methods, including broth microdilution, disk diffusion, Etest methods, and other new optimized or being optimized methods in the National Antimicrobial Resistance Surveillance Laboratory. The selected participant will also assist with applied research projects to strengthen capacity for identification of enteric pathogens. EDLB has a strong commitment to producing high-quality science through implementation of a robust Quality Management System (QMS).

Learning Objectives: The selected participant will learn to characterize foodborne bacterial organisms using phenotypic methods, and will learn on how to use NARMS database and other Specimen Management Systems such as



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ELIMS (Enterprise Laboratory Information Management System) and more.

Mentor(s): The mentor for this opportunity is Caidi Hayat (foi0@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: **September 19, 2022.** 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 degree in one of the relevant fields (e.g. Biological Sciences, Microbiology, Molecular Biology, Chemistry, Medical Technology), or be currently pursuing one of the degrees with completion by the appointment start date. Most recent degree must have been received within the past five years.

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Applicants who are comfortable working with computers and have a working knowledge of Microsoft Excel, Access, PowerPoint, and Word are encouraged to apply.

Eligibility Requirements

- **Degree:** Bachelor's Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**
 - **Chemistry and Materials Sciences** (1 )
 - **Communications and Graphics Design** (1 )
 - **Computer, Information, and Data Sciences** (2 )
 - **Life Health and Medical Sciences** (2 )

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.)