

Opportunity Title: CDC's NCIRD Public Health Internship Program – AMR in High Consequence Bacterial Pathogens Laboratory

Opportunity Reference Code: CDC-NCEZID-DHCPP-2024-0255A

Organization Centers for Disease Control and Prevention (CDC)

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How to Apply *To submit your application, scroll to the bottom of this opportunity and click 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
- 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.

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

CDC Office and Location: A fellowship opportunity is available with the [Division of High-Consequence Pathogens and Pathology \(DHCPP\)](#) in the [National Center for Emerging and Zoonotic Infectious Diseases \(NCEZID\)](#) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia. **This opportunity is full-time and requires reporting to the location in-person 2-3 days per week in Atlanta, Georgia.**

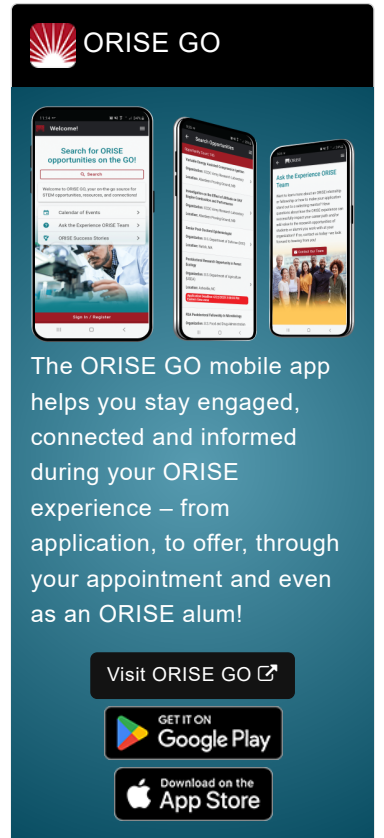
The [Centers for Disease Control and Prevention \(CDC\)](#) is one of the major operations components of the Department of Health and Human Services. CDC works to protect America from health, safety, and security threats, both foreign and in the U.S. Whether diseases start at home or abroad, are chronic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

The [National Center for Emerging and Zoonotic Infectious Diseases \(NCEZID\)](#) works to protect people at home and around the world from emerging and zoonotic infections ranging from A to Z—anthrax to Zika. The Bacterial Special Pathogens Branch (BSPB) at the CDC is a unit under the Division of High-Consequence Pathogens and Pathology (DHCPP) which works to protect the public from deadly infectious diseases. BSPB's mission focuses on investigating, researching, and managing diseases caused by rare, high-risk bacterial pathogens that often emerge from zoonotic and environmental sources.

Research Project: Antimicrobial Resistance in High Consequence Bacterial Pathogens. CDC's Biodefense Research and Development





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laboratory combines cutting edge molecular techniques with classical microbiology to develop new ways of detecting drug-resistant bacterial strains. During this internship, you'll learn about infectious disease research, drug-resistance testing, and new DNA-based lab methods, plus offers an opportunity to contribute to ongoing resistance test development.

Learning Objectives:

- Understand how laboratories contribute to CDC's public health preparedness mission.
- Learn about bacterial drug-resistance and different lab testing methods.

Mentor(s): The mentor for this opportunity is **David**

Sue (dsue@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: **March 10, 2025.** Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for six months, 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: Stipend rates may vary based on numerous factors, including opportunity, location, education, and experience. If you are interviewed, you can inquire about the exact stipend rate at that time and if selected, your appointment offer will include the monthly stipend rate.

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@orau.org and include the reference code for

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this opportunity.

Qualifications The qualified candidate should be currently pursuing or have received a bachelor's, master's, or doctoral degree in the one of the relevant fields. Degree must have been received within the past five years, or be currently pursuing.

Preferred skills:

- Laboratory experience (microbiology, PCR)
- Computing (MS Excel, Word, PowerPoint proficiency)

Point of Contact [Michele Morrison](#)

Eligibility Requirements • **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 60 months or currently pursuing.

- **Discipline(s):**
 - **Chemistry and Materials Sciences** ([12](#))
 - **Earth and Geosciences** ([21](#))
 - **Engineering** ([27](#))
 - **Environmental and Marine Sciences** ([14](#))
 - **Life Health and Medical Sciences** ([51](#))
 - **Mathematics and Statistics** ([11](#))
 - **Physics** ([16](#))
 - **Science & Engineering-related** ([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.)