

**Opportunity Title:** CDC Laboratory Reference and Research Internship

**Opportunity Reference Code:** CDC-NCHHSTP-2021-0291



**Organization** Centers for Disease Control and Prevention (CDC)

**Reference Code** CDC-NCHHSTP-2021-0291

**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.

**Description** *\*Applications will be reviewed on a rolling-basis, and this posting will remain open until filled.*

**CDC Office and Location:** A research opportunity is currently available with the Laboratory Reference and Research Branch, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention (NCHHSTP) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

**Research Project:** This project focuses on bacteria (*Neisseria gonorrhoeae*) culture and identification, and maintaining the *N. gonorrhoeae* collection in LRRB. The participant will coordinate with state public health laboratories members in the transfer and archive *N. gonorrhoeae* isolates at CDC.

Under the guidance of a mentor, the fellow will have a chance to partake in the following activities:

- Use laboratory inventory management system (LIMS) software/program
- *Neisseria gonorrhoeae* culture and identification using the MALDI-TOF (Matrix assisted laser-desorption ionization time-of-flight)
- Antimicrobial susceptibility testing (AST)
- Polymerase chain reaction (PCR)
- Attending meetings with collaborators (within in CDC and/or external partners)

**Learning Objectives:** The learning objectives include knowing how to use LIMS, culture and identify *N. gonorrhoeae*, and perform AST on gonococcal isolates.

**Mentor(s):** The mentor for this opportunity is Cau Pham ([whi4@cdc.gov](mailto:whi4@cdc.gov)). If you have questions about the nature of the research please contact the mentor(s).

**Anticipated Appointment Start Date:** As soon as a qualified candidate is identified. Start date is flexible and will depend on a variety of factors.

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**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 and Lawful Permanent Residents (LPR) only.

**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.

**Questions:** Please visit our [Program Website](#). After reading, if you have additional questions about the application process please email [ORISE.CDC.NCHHSTP@ornl.gov](mailto:ORISE.CDC.NCHHSTP@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, or be currently pursuing the degree with completion by September 15, 2021. Degree must have been received within the past five years.

Preferred skills:

- Experience working in the laboratory
- Experience in operating or maintaining scientific equipment or performing scientific techniques
- Experience in using Microsoft office suite
- Good communications skills

## Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Bachelor's Degree received within the last 60 months or anticipated to be received by 9/15/2021 11:59:00 PM.
- **Academic Level(s):** Post-Bachelor's or Undergraduate Students.
- **Discipline(s):**
  - **Chemistry and Materials Sciences** (4 )
  - **Communications and Graphics Design** (1 )
  - **Computer, Information, and Data Sciences** (2 )
  - **Earth and Geosciences** (1 )
  - **Environmental and Marine Sciences** (1 )
  - **Life Health and Medical Sciences** (20 )
  - **Mathematics and Statistics** (1 )
  - **Science & Engineering-related** (1 )

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- **Social and Behavioral Sciences** (2 )