

**Opportunity Title:** CDC Poxvirus Clinical Laboratory Fellowship

**Opportunity Reference Code:** CDC-NCEZID-DHCPP-2023-0037

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

**Reference Code** CDC-NCEZID-DHCPP-2023-0037

**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** 5/31/2023 3:00:00 PM Eastern Time Zone

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

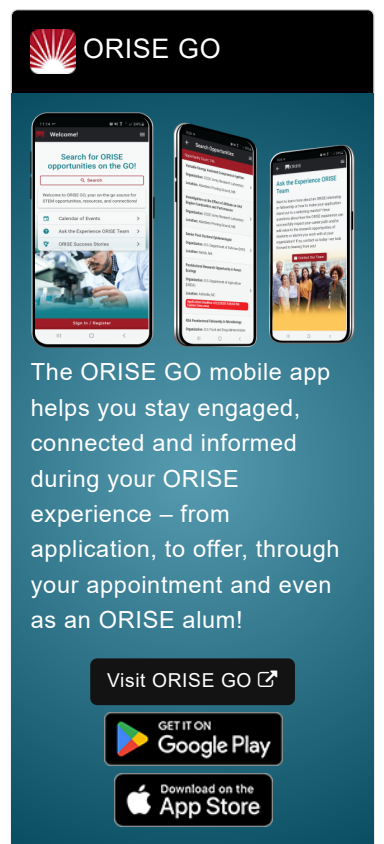
**CDC Office and Location:** A research and training opportunity is available in the Poxvirus and Rabies Branch (PRB), Division of High-Consequence Pathogens and Pathology (DHCPP) of the National Centers for Emerging and Zoonotic Infectious Diseases (NCEZID) at the Centers for Disease Control and Prevention (CDC) located 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:** Clinical laboratories are a vital part of the public health system. As part of this, these laboratories handle thousands of specimens and need to accurately receive and report large numbers of reports. Correctly managing and reporting these results out is a vital skill set that permits these activities to occur. This requires the fellow to not only understand the test, the regulatory requirements, and handle data effectively.

**Learning Objectives:** In this fellowship, the fellow will learn vital skills in managing the data and effectively reporting results through a laboratory information management system (LIMS) as part of the CDC's mpox Response. Fellows will be trained in using the LIMS to monitor, analyze, and review reports. Fellows will develop skills in analyzing datasets, working in a clinical laboratory, and gaining familiarity with CLIA regulatory environments. Experience in LIMS and the ability to rapidly analyze data is a critical need in clinical laboratories.

The fellow may also gain in experience in the operations in clinical



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laboratory testing. This includes training in writing and reviewing procedures, validating equipment and managing operations.

**Mentor(s):** The mentor(s) for this opportunity is David Lowe ([nqu9@cdc.gov](mailto:nqu9@cdc.gov)). Please contact them if you have questions about the nature of this research.

**Anticipated Appointment Start Date:** June 5, 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@orau.org](mailto:ORISE.CDC.NCEZID@orau.org) 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. Most recent degree must have been received in the past five years.




Preferred Skills:

- Educational background should either meet the requirements to be a CLIA testing personnel, which briefly include: master's or bachelor's degree in a chemical, physical, biological or clinical laboratory science, or medical technology from an accredited institution; OR have an

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educational background that shows familiarity with data analysis, informatics, or have experience with laboratory information management systems.

- Comfortability with data analysis and databases.
- Previous familiarity with a LIMS is preferred.
- Detail oriented and highly organized.

- Eligibility Requirements**
- **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
  - **Discipline(s):**
    - **Chemistry and Materials Sciences** ([12](#) )
    - **Computer, Information, and Data Sciences** ([1](#) )
    - **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.)