

**Opportunity Title:** CDC Poxvirus Epidemiology Team Fellowship

**Opportunity Reference Code:** CDC-NCEZID-DHCPP-2023-0007

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

**Reference Code** CDC-NCEZID-DHCPP-2023-0007

**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** 5/26/2023 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:** The Poxvirus Epidemiology Team provides technical assistance and expertise for surveillance and diagnosis of poxviruses to both domestic and international partners. The team provides expertise for media inquiries, websites, and trainings. Projects include monkeypox surveillance in endemic countries, epidemiological risk factor studies, healthcare and public health worker trainings, assessments of surveillance capacity, and new generation smallpox vaccine field studies. The team actively works with other teams to formulate hypotheses and accomplish objectives. The team offers opportunities to collaborate with domestic and international public health professionals of diverse cultural and scientific backgrounds.

**Learning Objectives:** Expectations and training opportunities of the appointment:

- Database design and management for epidemiology projects within the branch
- Data cleaning and analysis for surveillance and research data

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- Knowledge of Microsoft Access, Excel, and statistical software (SAS, SPSS, R, or similar)
- Aid in scientific study design, with a special emphasis on data collection tools and analyses
- Aid in the implementation of field studies for the branch
- Communications to public health professionals via development of materials and participation in trainings and meetings
- Provide service to clinicians, public health officials, and citizens for the poxvirus phone duty
- Initiate, maintain, and strengthen collaborations with public health professionals within CDC, other agencies, or in international settings
- Development of written scientific reports, including manuscripts
- The participant could be assigned to support other critical activities and projects within the team and the Branch
- There are opportunities for attendance at scientific conferences and travel to support the research and surveillance activities for the team

**Mentor(s):** The mentor(s) for this opportunity is Brett Petersen ([ige3@cdc.gov](mailto:ige3@cdc.gov)). Please contact them if you have questions about the nature of this research.

**Anticipated Appointment Start Date:** June 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

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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 master's degree in one of the relevant fields (e.g. Public Health, Epidemiology, Statistics). Most recent degree must have been received in the past five years.

Preferred Skills:

- Strong interest in gaining database design and management, and analytic skills.
- Ability to perform independent tasks and work collectively with a team to achieve project goals.
- Good written and oral communications skills.

**Eligibility Requirements**

- **Degree:** Master's Degree received within the last 60 month(s).
- **Academic Level(s):** Post-Master's.
- **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.)