

Opportunity Title: CDC Microbiology and Immunology Postdoctoral Fellowship

- Enterovirus Virology

Opportunity Reference Code: CDC-NCIRD-DVD-2022-0302



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.

If you have questions, send an email to ORISE.CDC.NCIRD@orau.org. Please include the reference code for this opportunity in your email.

Application Deadline 10/4/2022 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 with the Division of Viral Diseases (DVD), National Center for Immunization and Respiratory Diseases (NCIRD), at the Centers for Disease Control and Prevention (CDC) located in Atlanta, Georgia.

Research Project: Enterovirus D68 (EV-D68) has been associated with acute flaccid myelitis (AFM), a polio-like illness causing paralysis that afflicts mostly children. Contemporary EV-D68 isolates can vary in their biological properties compared to reference isolates. The project will entail characterization of EV-D68 isolates and EV-D68-specific monoclonal antibodies. In addition, the candidate will collaborate with team members on EV-D68 assay development and other enterovirus projects.

Learning Objectives: The Polio and Picornavirus Laboratory Branch at CDC provides an excellent environment to develop laboratory skills associated with virus and host interactions, hone professional skills in a public-health focused institution, and establish collaborations with global partners. The candidate will also present findings at CDC meetings as well as local, national, and international meetings and conferences.

Mentor(s): The mentor for this opportunity is John-Paul Dubenion (gzx9@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: **October 1, 2022.** Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for up to two years, 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).

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

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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.NCIRD@orau.org and include the reference code for this opportunity.


Qualifications

The qualified candidate should have received a doctoral degree in one of the relevant fields (Microbiology, Immunology), or be currently pursuing the degree with completion by December 31, 2022. Degree must have been received within five years of the appointment start date.

Preferred Skills:

- Experience working with viruses (e.g., replication assays, virus amplification) and basic cellular, microbiological, and immunological techniques (e.g., cell culturing, PCR, immunoassays).
- Excellent verbal and written communication skills.
- Experience presenting findings at conferences through oral presentations and writing scientific manuscripts.

Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Doctoral Degree received within the last 60 months or anticipated to be received by 12/31/2022 11:59:00 PM.
- **Discipline(s):**
 - **Life Health and Medical Sciences** (7 )

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.)