

Opportunity Title: CDC-DVBD Arbovirus Immunology and Pathogenesis Fellowship
Opportunity Reference Code: CDC-NCEZID-DVBD-2024-0144

Organization Centers for Disease Control and Prevention (CDC)

Reference Code CDC-NCEZID-DVBD-2024-0144

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.

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!

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

CDC Office and Location: A research opportunity is available in the Centers for Disease Control and Prevention (CDC) located in Fort Collins, Colorado.

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 participant will be involved in projects focusing on the use of animal models to study the immune response to vaccines, therapeutics, and viral infections.

Learning Objectives: This opportunity will include research and training in: animal handling, inoculations, blood collection, necropsy, plaque reduction neutralization, ELISA, cell sorting, EliSpot, Flow cytometry, single cell sequencing, next-generation sequencing, gene cloning, gene expression, cell culture, virus growth and purification. The participant will have the opportunity to train in experimental design, data analysis, presenting data at internal meetings, and participating in scientific meetings.

Mentor(s): The mentor for this opportunity is Michael Huston (yfk0@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: August 30, 2024. Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for two years, but



ORISE GO

The ORISE GO mobile app helps you stay engaged, connected and informed during your ORISE experience – from application, to offer, through your appointment and even as an ORISE alum!

Visit ORISE GO 

GET IT ON
Google Play

Download on the
App Store

Opportunity Title: CDC-DVBD Arbovirus Immunology and Pathogenesis

Fellowship

Opportunity Reference Code: CDC-NCEZID-DVBD-2024-0144

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 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.

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 this opportunity.

Qualifications The qualified candidate should have received a doctoral degree in the one of the relevant fields. Degree must have been received with the past five years.

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Doctoral Degree received within the last 60 month(s).
 - **Academic Level(s):** Postdoctoral.
 - **Discipline(s):**
 - **Life Health and Medical Sciences** ([6](#) )

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.)