

Opportunity Title: CDC HIV Cluster Detection and Response Fellowship

Opportunity Reference Code: CDC-NCHHSTP-2022-0067-A

Organization Centers for Disease Control and Prevention (CDC)

Reference Code CDC-NCHHSTP-2022-0067-A

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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 6/27/2022 3:00:00 PM Eastern Time Zone

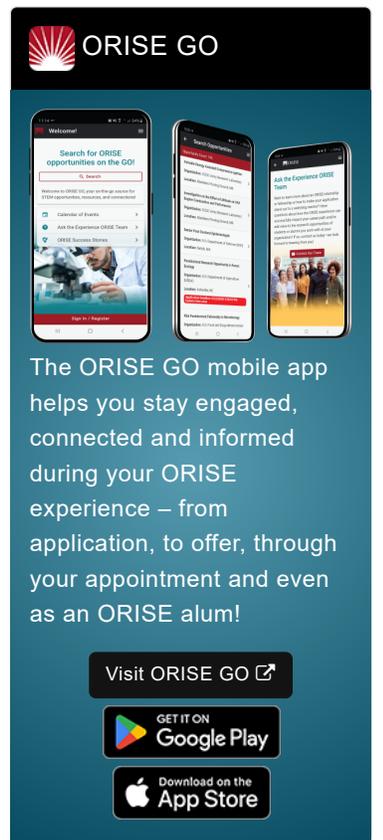
Description *Applications will be reviewed on a rolling-basis.

CDC Office and Location: Multiple fellowship opportunities are **currently** available with the Detection and Response Branch (DRB), in the Division of HIV Prevention (DHP) of the National Center for HIV, Viral Hepatitis, STD, and TB Prevention (NCHHSTP), at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

DRB leads national efforts to identify HIV clusters and outbreaks and support timely and tailored responses. Until recently, clusters and outbreaks of HIV infection were difficult to detect, and most went unrecognized. In 2016, CDC began implementing cutting-edge epidemiology methods using HIV sequencing data and HIV diagnosis data to identify clusters of rapid HIV transmission. When clusters and outbreaks are identified, DRB works closely with state and local public health partners to support investigation and response in order to interrupt ongoing transmission.

Research Project: This fellowship offers the opportunity to be involved in high-priority, high-impact issues in domestic HIV prevention. DRB leads national implementation of cluster detection and response, which is a required activity in all 50 U.S. states as a component of CDC's flagship \$400 million/year HIV surveillance and prevention funding opportunity. Additionally, DRB leads enhanced implementation of this activity as one of four pillars of the federal Ending the HIV Epidemic in the U.S. initiative (<https://www.cdc.gov/endinghiv/index.html>). The branch has three teams: 1) the Cluster Detection and Molecular Epidemiology Team, which guides and advances the use of data for timely detection and response to HIV clusters and outbreaks through molecular epidemiology, bioinformatics, and data systems and tools; 2) the Response Science and Translation Team, which advances response science and health department response capacity by evaluating, synthesizing, and translating response data into guidance, planning, and training; 3) the Outbreak Response Team, which enhances state and local response to HIV clusters and outbreaks by providing and coordinating technical assistance.

Our branch is recruiting candidates that are interested in building skills while supporting the functions of our teams and branch. Projects may include **developing data visualizations and dashboards to support epidemiologic assessment of HIV clusters**, supporting state and local health departments for outbreak response, and supporting convening of health departments, community members and organizations, scientists, and federal

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partners to strengthen implementation of HIV cluster detection and response.

Learning Objectives: The fellow will receive outstanding training in fields related to HIV cluster detection and response, including surveillance, implementation, monitoring, public health response, and evaluation. The fellow will also have opportunities to analyze data and present and publish the findings of those analyses and may also have opportunities to be involved in special studies and outbreak response activities. The fellow will also gain valuable experience at CDC with the potential for continuing on at the agency depending on availability of funds and/or positions. Our branch has a long history of strong mentorship for ORISE fellows, who have moved on to other positions at CDC as Epidemic Intelligence Service officers, full-time employees, and data scientists.

Mentor(s): The mentor for this opportunity is Alexandra Oster (gge9@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: May 2022. 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.NCHHSTP@orau.org and include the reference code for this opportunity.

Qualifications The qualified candidate should have received a master's or doctoral degree in one of the relevant fields, or be currently pursuing one of the degrees with completion by the end of May 2022. Degree must have been received within the past five years.

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Preferred skills:

- Strong writing and communication skills. Experience in scientific writing
- Strong data management and/or data analysis experience (SAS)
- Some background in epidemiology and/or surveillance
- Some background in program evaluation
- Experience managing a complex project

**Eligibility
Requirements**

- **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or anticipated to be received by 5/31/2022 11:59:00 PM.
- **Discipline(s):**
 - **Life Health and Medical Sciences** ([11](#) )
 - **Mathematics and Statistics** ([2](#) )