Opportunity Title: CDC HIV Cluster Detection and Response Fellowship
Opportunity Reference Code: CDC-NCHHSTP-2019-0157

Organization	Centers for Disease Control and Prevention (CDC)
Reference Code	CDC-NCHHSTP-2019-0157
How to Apply	A complete application consists of:

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- 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.NCHHSTP@orau.org. Please include the reference code for this opportunity in your email.
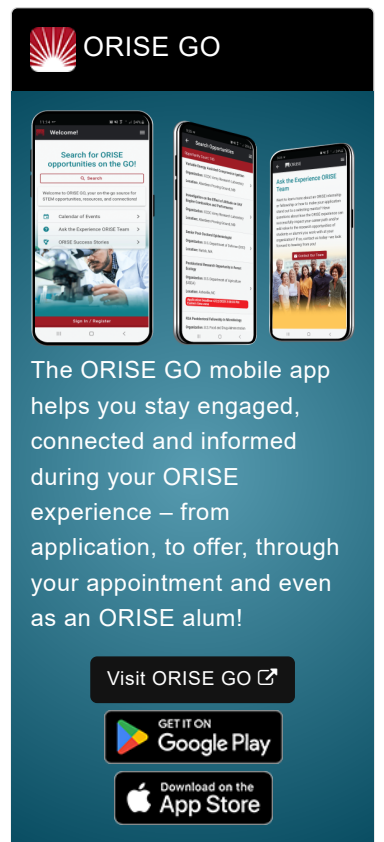
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Application Deadline	6/13/2019 3:00:00 PM Eastern Time Zone
Description	***Applications will be reviewed on a rolling-basis.**

A research opportunity is currently available with the Transmission and Molecular Epidemiology Team (TMET), within the HIV Incidence and Case Surveillance Branch (HICSB), of the Division of HIV/AIDS Prevention (DHAP) within the National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention (NCHHSTP) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

Until recently, clusters and outbreaks of HIV infection were difficult to detect, and most went unrecognized. In 2016, TMET began implementing cutting-edge molecular epidemiology methods using HIV sequencing data to identify clusters of recent and rapid HIV transmission that could represent outbreaks. When clusters are identified, HICSB works closely with state and local public health partners to support investigation and response in order to interrupt ongoing transmission. This work is possible because of the National HIV Surveillance System (NHSS). This system, housed in HICSB, maintains clinical, demographic, risk, and laboratory information on >1 million persons with diagnosed HIV infection in the United States. All health departments are now required to report HIV genetic sequence data generated from routine clinical tests. TMET analyzes this data in order to identify growing clusters of active HIV transmission and understand HIV transmission patterns. As cluster detection activities have ramped up rapidly over the last few years, additional efforts are needed to systematically collect information on the outcomes of the investigations and public health interventions that result from this work, and assess the effectiveness of this approach.

This fellowship offers the opportunity to be involved with high-priority, high-impact issues in domestic HIV/AIDS surveillance. Cluster detection and response is a key element of DHAP's 2017–2020 strategic plan as one of 4 core strategies in its blueprint for achieving its vision of a future free of HIV. This strategy is now a required activity for all 59 funded jurisdictions as a component of CDC's flagship $400 million/year HIV surveillance and prevention funding opportunity, with enhanced implementation of the activity incorporated as one of 5 core activities in the HHS strategy to End the HIV Epidemic. The selected participant will receive outstanding training in surveillance, including molecular surveillance, with a focus on implementation, monitoring, public health response, and evaluation. The participant will have the opportunity to make important contributions to this project by contributing to a systematic assessment of the effectiveness of

transmission cluster investigation and response. The participant 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.

Anticipated Appointment Start Date: August 1, 2019

This program, administered by ORAU through its contract with the U.S. Department of Energy to manage the Oak Ridge Institute for Science and Education, was established through an interagency agreement between DOE and CDC. The initial appointment can be up to one year, but may be renewed upon recommendation of CDC contingent on the availability of funds. The participant will receive a monthly stipend commensurate with educational level and experience. Proof of health insurance is required for participation in this program. The appointment is full-time at CDC in the Atlanta, Georgia, area. Participants do not become employees of CDC, DOE or the program administrator, and there are no employment-related benefits.

Qualifications The qualified candidate should have received a master's or doctoral degree in one of the relevant fields. Degree must have been received within five years of the appointment start date.

Preferred skills:

- Strong writing and communication skills, especially in scientific writing
- Strong data management and/or data analysis experience (SAS)
- Some background in epidemiology and/or surveillance
- Some background in program evaluation

Eligibility Requirements

- **Degree:** Master's Degree or Doctoral Degree received within the last 60 month(s).
- **Discipline(s):**
  - **Environmental and Marine Sciences** (1 👁)
  - **Life Health and Medical Sciences** (45 👁)