

**Opportunity Title:** CDC Fellowship with the Data Science Systems Management Team in the HIV Surveillance Branch  
**Opportunity Reference Code:** CDC-NCHHSTP-2022-0225

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

**Reference Code** CDC-NCHHSTP-2022-0225

**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** 8/1/2022 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 Data Science Systems Management Team (DSSMT) in the HIV Surveillance Branch (HSB), within the National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention (NCHHSTP), at the Centers for Disease Control and Prevention (CDC) located in Atlanta, Georgia.

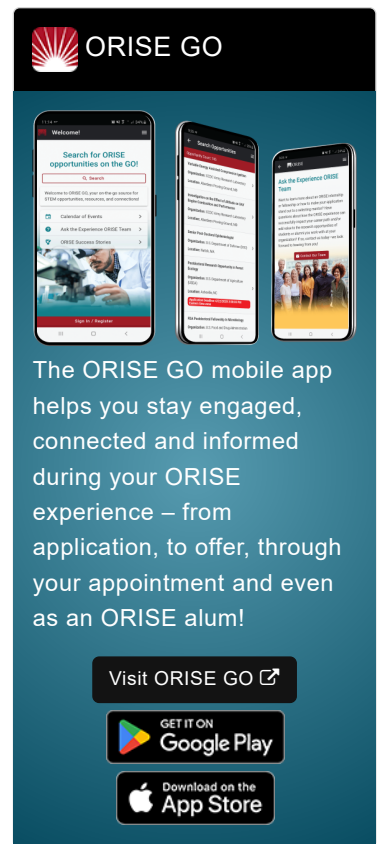
The Centers for Disease Control and Prevention (CDC) is one of the major operation components of the Department of Health and Human Services. CDC works to protect America from health, safety and security threats, both foreign and in the U.S. Whether diseases start at home or abroad, are chronic or acute, curable or preventable, human error or deliberate attack, CDC fights disease and supports communities and citizens to do the same.

**Research Project:** The participant will assist the DSSMT in the HSB with the development and maintenance of the current and future national HIV surveillance data system. This includes data collection, processing, storage, certification, reporting, and visualization.

This fellowship offers the opportunity for input on high-priority, high-impact, and high-profile national HIV surveillance products in collaboration with state/local health departments and provides crucial data for understanding the distribution and burden of HIV in the United States.


**Learning Objectives:** Under the guidance of a mentor, the fellow will receive outstanding training in epidemiology and surveillance, with a focus on data system development and management, with the following in mind:


- Data modernization efforts
- Best use of cloud resources related to data storage, analysis and visualization
- Developing innovative data visualization products for hard copy and




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digital publications, presentations, dashboards, and communication materials

- Analyzing and managing data collected from multiple data sources using various methodologies
- Developing and managing data analysis guides, data documentation, data management procedures, reports, and analysis
- Developing programs/applications/APIs to conduct data analyses, data management, and data visualizations

**Mentor(s):** The mentor for this opportunity is Patrick Minor ([pfm3@cdc.gov](mailto:pfm3@cdc.gov)). If you have questions about the nature of the research please contact the mentor(s).

**Anticipated Appointment Start Date:** **October 3, 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](mailto:ORISE.CDC.NCHHSTP@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, or be currently pursuing the degree with completion by October 1, 2022. Degree must have been received within five years of the appointment start date.

If currently working toward a degree, the participant must have obtained or currently be enrolled in applicable courses towards a degree in one of the relevant disciplines and be involved in a public health project that clearly requires this educational background.

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**Preferred Skills:**

- Data management and/or data analysis experience
- Background in epidemiology and/or surveillance
- Experience managing projects
- Experience with cloud resources
- Experience using SQL, SAS, R, Python, and PowerBI
- Strong writing and communication skills

**Eligibility Requirements**

- **Degree:** Master's Degree received within the last 60 months or anticipated to be received by 10/1/2022 12:00:00 AM.
- **Discipline(s):**
  - **Computer, Information, and Data Sciences** ([4](#))
  - **Life Health and Medical Sciences** ([2](#))
  - **Mathematics and Statistics** ([11](#))

**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.)