

Opportunity Title: CDC Epidemiology Fellow for the Enhanced Surveillance Platforms Team/Surveillance and Prevention Branch
Opportunity Reference Code: CDC-NCIRD-2024-0010

Organization Centers for Disease Control and Prevention (CDC)

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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 5/1/2024 11:59:00 PM Eastern Time Zone

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

CDC Office and Location: Fellowship opportunities are available at the Centers for Disease Control (CDC) with the Enhanced Surveillance Platforms Team in collaboration with other teams in the Surveillance and Prevention Branch (SPB) of the Coronavirus and Other Respiratory Viruses Division (CORVD) within NCIRD, 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 candidate will participate in network project and data management and data analysis for three large national networks that are designed to examine disease burden and clinical epidemiology of respiratory viral infections and assess the effectiveness of licensed vaccines (influenza, COVID-19, and RSV). Cross-cutting collaborations with other branches and divisions at CDC may also be possible. The candidate will collaborate with a growing team of medical officers, epidemiologists, data analysts, and project managers.

Learning Objectives: Some training opportunities for the fellowship are as follows:



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- 1. Learn how to manage, report, visualize, and interpret public health surveillance data and use data to answer applied public health research questions as they pertain to characterizing the disease burden and clinical epidemiology of respiratory virus infections and assessing strategies for respiratory infection prevention.
- 2. Participate in designing and refining epidemiologic protocols, including reviews of scientific literature, standardized operating procedures, descriptive analyses and statistical modeling of data, and communicating and reporting trends.
- 3. Participate in the management and coordination of large public health surveillance and applied research networks.
- 4. Review and update externally facing webpages and dashboards for quality improvement, clear communication, and optimal user experience, including addition of epidemiologic input on relevant public health information to identify and address knowledge gaps.
- 5. Participate actively in operational and strategic meetings with teammates and leadership to learn how programmatic decision making occurs.
- 6. Attend scientific seminars, agency trainings, and partner meetings for continuing education on respiratory virus epidemiology, vaccine effectiveness and policy, and development of data science and other professional skillsets.
- 7. Help senior scientists prepare and deliver written and oral reports to a variety of individuals and groups in both informal and formal settings.
- 8. Assist in preparation of results for publication in a variety of journals.

Mentor(s): The mentor for this opportunity is Nia Mims (ngm7@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: May 1, 2024. 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: 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, Lawful Permanent Residents (LPR), and foreign

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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.NCIRD@ornl.gov and include the reference code for this opportunity.

Qualifications The qualified candidate should have received or be pursuing a master's in one of the relevant fields. Degree must have been received within the past five years or to be received by the start of the appointment.

Preferred skills:

- Substantial coursework or experience in epidemiology and/or biostatistics

Eligibility Requirements

- **Degree:** Master's Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**
 - **Communications and Graphics Design** (1 )
 - **Computer, Information, and Data Sciences** (3 )
 - **Life Health and Medical Sciences** (6 )
 - **Mathematics and Statistics** (2 )

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.)

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