

Opportunity Title: CDC Applied Epidemiology and Surveillance Fellowship

Opportunity Reference Code: CDC-ID-2022-0136

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 5/23/2022 3:00:00 PM Eastern Time Zone

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

CDC Office and Location: Two fellowship opportunities are currently available with the Influenza Division (ID) Epidemiology and Prevention Branch of the National Center for Immunization and Respiratory Diseases (NCIRD) at the Centers for Disease Control and Prevention (CDC) located in Atlanta, Georgia.

ID provides the scientific and programmatic foundation and leadership for the diagnosis, prevention, and control of influenza domestically and internationally.

Research Project: The Applied Research and Modeling (ARM) Team, Epidemiology and Prevention Branch, Influenza Division, at the Centers for Disease Control and Prevention is seeking a motivated masters level graduate with a background in epidemiology, biostatistics, or data science. This position will offer a unique opportunity to train with a multi-disciplinary team focusing on innovative ways to gather, analyze, and disseminate public health information.

The Influenza Division provides the scientific and programmatic foundation and leadership for the diagnosis, prevention, and control of influenza domestically and internationally. The ARM team supports surveillance and research platforms that supplement our understanding of influenza disease burden and community transmission through data collection, analysis, and mathematical modeling. The Team is particularly interested in exploring the potential utility of new and under-used data sources that could allow for better or timelier understanding of the epidemiology and burden of influenza.



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The selected fellow would train with mentors on the team in applied epidemiology and be involved in projects including: assisting with management and analysis of hospital-based influenza surveillance, special studies on the household transmission of influenza and other respiratory viruses, or helping coordinate mathematical modeling studies in support of the public health response to influenza.

Learning Objectives: Under the guidance of a mentor, the fellow will have the following training opportunities:

- Learn to manage and analyze hospital-based influenza surveillance
- Learn to coordinate mathematical modeling studies in support of the public health response to influenza
- Learn to work with surveillance and research platforms that supplement understanding of influenza disease burden and community transmission
- Learn to work with new and under-used data sources that allow for timelier understanding of the epidemiology and burden of influenza

Mentor(s): The mentor for this opportunity is Carrie Reed (ggj2@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: June 2022. Start date is flexible.

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

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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@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 (e.g. Epidemiology, Biostatistics), or be currently pursuing the degree with completion by September 30, 2022. Degree must have been received within the past five years.

Preferred skills:

- Substantial coursework or experience with data importation, manipulation, and analysis in SAS or R.
- Experience with importation, manipulation, and analysis of data from a variety of sources

Eligibility Requirements

- **Degree:** Master's Degree received within the last 60 months or anticipated to be received by 9/30/2022 11:59:00 PM.
- **Academic Level(s):** Graduate Students or Post-Master's.
- **Discipline(s):**
 - **Computer, Information, and Data Sciences** (1 )
 - **Life Health and Medical Sciences** (7 )
 - **Mathematics and Statistics** (4 )