

**Opportunity Title:** CDC Epidemiology and Information Science Fellowship

**Opportunity Reference Code:** CDC-ID-2019-0105

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

**Reference Code** CDC-ID-2019-0105

**How to Apply** 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.

If you have questions, send an email to [ORISE.CDC.NCIRD@orau.org](mailto:ORISE.CDC.NCIRD@orau.org). Please include the reference code for this opportunity in your email.

**Application Deadline** 5/15/2019 3:00:00 PM Eastern Time Zone

**Description** A research opportunity is currently available with the Influenza Division (ID), National Center for Immunization and Respiratory Diseases (NCIRD), at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

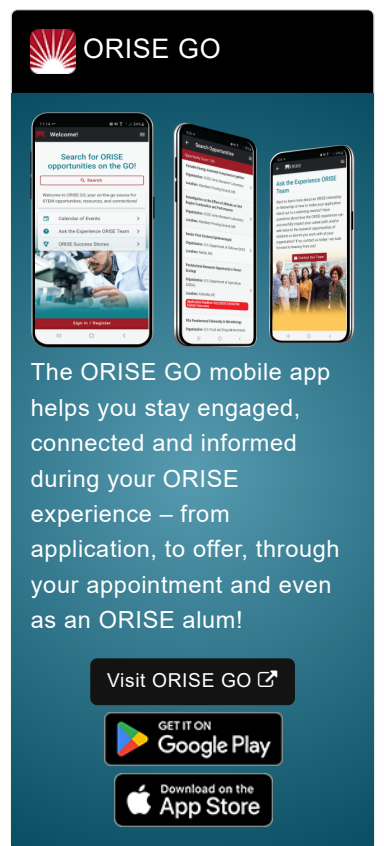
The Applied Research and Modeling (ARM) Team, Epidemiology and Prevention Branch, Influenza Division, at the Centers for Disease Control and Prevention, is seeking a motivated Master's level graduate with a background in epidemiology, biostatistics, informatics, or related field. This project will offer 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 transmission and severity through data 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 of influenza.

The selected candidate will train with mentors on the team on the analysis and visualization of various information sources. The participant will primarily be involved in projects that include: (1) assisting in the coordination and visualization of influenza forecasts through the CDC-sponsored FluSight forecasting network, (2) analysis of data from the FluSurv-NET hospitalization surveillance system and use of that data to make routine estimates of influenza disease burden. The participant will also develop an understanding of how analytics and modeling support the response to seasonal and pandemic influenza.


**Anticipated Appointment Start Date: May 15, 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




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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 degree in one of the relevant fields, with substantial coursework or experience in epidemiology and/or biostatistics, or be currently pursuing the degree and will reach completion by the start date of the appointment. Degree must have been received within five years of the appointment start date.

Preferred skills:

- Experience with data importation, manipulation, and statistical programming in SAS
- Experience with data importation, manipulation, and analysis in Excel
- Experience with R is preferred; knowledge of R Shiny is desirable

- Eligibility Requirements**
- **Degree:** Master's Degree received within the last 60 months or anticipated to be received by 5/15/2019 12:00:00 AM.
  - **Discipline(s):**
    - **Computer, Information, and Data Sciences** ([2](#) 👁)
    - **Life Health and Medical Sciences** ([3](#) 👁)
    - **Mathematics and Statistics** ([2](#) 👁)