Opportunity Title: CDC Spatial Epidemiology and Statistics Fellowship
Opportunity Reference Code: CDC-DHDSP-2019-0220

Organization	Centers for Disease Control and Prevention (CDC)
Reference Code	CDC-DHDSP-2019-0220
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.NCCDPHP@orau.org. Please include the reference code for this opportunity in your email.

Application Deadline	10/28/2019 3:00:00 PM Eastern Time Zone
Description	***Applications will be reviewed on a rolling-basis.**

A research opportunity is currently available with the Epidemiology and Surveillance Branch (ESB), Division of Heart Disease and Stroke Prevention (DHDSP), within the National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.
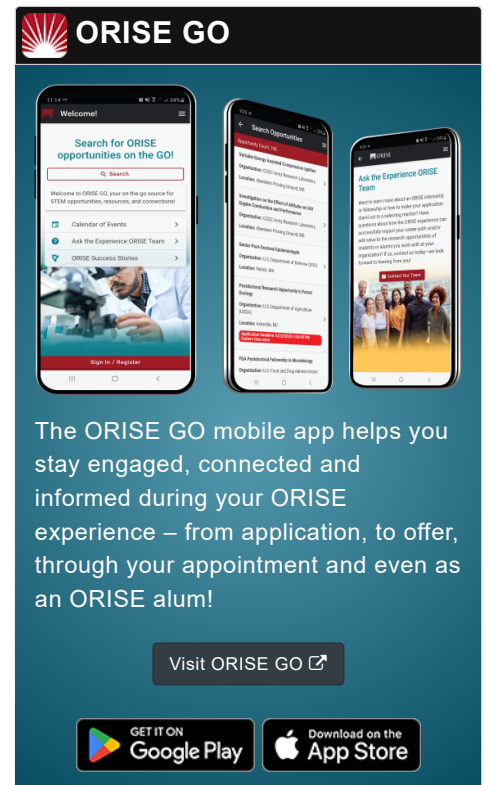
The Epidemiology and Surveillance Branch monitors heart disease and stroke patterns and trends through the timely collection, analysis, interpretation, and dissemination of programmatically relevant data.

Under the guidance of a mentor, the selected participant will have the opportunity to gain experience in advanced spatial and spatiotemporal studies of heart disease and stroke morbidity and mortality. These activities may include:

- Creating, updating, analyzing and managing very large datasets
- Participating in advanced spatial and/or spatio-temporal analyses of heart disease and stroke morbidity, mortality and risk factors using Bayesian and frequentist approaches
- Writing summaries of methods, results and interpretations for use in government reports and peer-reviewed articles
- Conducting literature reviews
- Presenting the results to internal and external audiences, including professional meetings and/or conferences

Anticipated Appointment Start Date: October 28, 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, or be currently pursuing one of the degrees 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 analyzing spatial and/or spatiotemporal data
- Experience in the management and analysis of large data sets
- Knowledge/Awareness of Bayesian statistical methods
- Experience using statistical software, such as SAS or R, for data analysis
- Experience using ArcGIS or other mapping software package

Eligibility Requirements

- **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or anticipated to be received by 10/28/2019 11:59:00 PM.
- **Discipline(s):**
    - **Earth and Geosciences** (1 👁)
    - **Life Health and Medical Sciences** (2 👁)
    - **Mathematics and Statistics** (2 👁)
    - **Social and Behavioral Sciences** (1 👁)