

Opportunity Title: CDC Epidemiology Fellowship
Opportunity Reference Code: CDC-NIOSH-2019-0178

Organization Centers for Disease Control and Prevention (CDC)

Reference Code CDC-NIOSH-2019-0178

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.NIOSH@orau.org. Please include the reference code for this opportunity in your email.

Application Deadline 8/30/2019 3:00:00 PM Eastern Time Zone

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

A research opportunity is currently available with the Health Informatics Branch, in the Division of Field Studies and Engineering (DFSE), within the National Institute for Occupational Safety and Health (NIOSH), at the Centers for Disease Control and Prevention (CDC) in Cincinnati, Ohio.

The Health Informatics Branch is a multidisciplinary team of approximately 50 scientists, IT, and administrative specialists, and contractors. Our mission is to monitor risk factors and health outcomes of work-related illnesses, injuries and hazards within the U.S. workforce. The intent is to provide both early detection of emerging problems and continuous assessment of the magnitude and trends of job-related illnesses and hazards. Surveillance findings are used to guide prevention and intervention efforts. They are often used to establish new CDC and NIOSH public health policies, and to strengthen occupational health regulations.

One important activity is the Sentinel Event Notification System for Occupational Risk (SENSOR)-Pesticides program. Under this program, NIOSH provides cooperative agreement funding and technical support to state health departments to conduct surveillance on acute occupational pesticide-related illness and injury.

The selected participant will be with the SENSOR-Pesticides program, and will be involved with conducting surveillance studies of acute pesticide-related illness and injury, with a focus on those caused by work-related exposures. Under the guidance of a mentor, the participant will be involved in the following activities:

- Analyze surveillance data to assess occupational and non-occupational disease magnitude trends
- Identify and investigate emerging pesticide problems by using the SENSOR-pesticides database to describe the human experience with relatively new pesticides, or describe risks associated with various application practices (e.g. describe the rate of pesticide poisoning across major industry sectors, including agriculture)
- Contribute to the development of educational and other notification materials to raise awareness of pesticide problems that are identified, and implement effective interventions
- Participate in preparing manuscripts for publication in a peer-reviewed journal



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- Contribute to the organization of SENSOR-Pesticides workshops which are attended by SENSOR-Pesticides partners and stakeholders
- Participate in data quality assessment and improvement across the SENSOR-Pesticides states

The appointment will offer the opportunity for multidisciplinary collaboration with epidemiologists, clinicians, industrial hygienists, statisticians, and experts in information technology.

Anticipated Appointment Start Date: August 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 Cincinnati, Ohio, 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 the degree and will reach completion by August 2019. Degree must have been received within five years of the appointment start date.

Preferred skills:

- Experience in epidemiological methods and statistics
- Knowledge of SAS (or R) statistical software
- Experience with Microsoft Office tools (Word, Power Point, Excel)
- Strong research and communication skills

Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or anticipated to be received by 8/31/2019 11:59:00 PM.
- **Discipline(s):**
 - **Life Health and Medical Sciences** ([3](#))