

Opportunity Title: Epidemiology Fellowship - CDC

Opportunity Reference Code: CDC-NIOSH-2018-0084

Organization Centers for Disease Control and Prevention (CDC)

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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
- Two educational or professional references

All documents must be in English or include an official English translation.

If you have questions, send an email to CDCrpp@orau.org. Please include the reference code for this opportunity in your email.

Description A fellowship opportunity is available to support the Surveillance Branch (SB) of the Division of Surveillance, Hazard Evaluations and Field Studies (DSHEFS), within the National Institute for Occupational Safety and Health (NIOSH) at the Centers for Disease Control and Prevention (CDC) in Cincinnati, Ohio.

The Surveillance Branch (SB) of the Division of Surveillance, Hazard Evaluations and Field Studies, NIOSH is recruiting an energetic and creative graduate level epidemiologist. The SB 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.

One important activity operated by SB is the Sentinel Event Notification System for Occupational Risk (SENSOR)-Pesticides program. Under this program, NIOSH provides funding and technical support to state health departments to conduct surveillance on acute occupational pesticide-related illness and injury. Using information from this program we assess the magnitude and trend of acute occupational pesticide-related illness and injury, identify emerging pesticide hazards, describe the hazards associated with specific pesticides or pesticide application practices, and disseminate recommendations for prevention.

The Epidemiology Research Fellow will be assigned to the SENSOR-Pesticides program, and will participate under the guidance of a mentor by conducting surveillance studies of acute pesticide-related illness and injury, with a focus on those caused by work-related exposures. Many of the specific activities of the Fellow will be tailored to the fellow's interests, training, and background to provide an individualized experience. The activities available to the Fellow will include: 1) assist in analyzing surveillance data to assess occupational and non-occupational disease magnitude trends; 2) assist with identifying and investigating emerging pesticide problems by using the SENSOR-pesticides database to describe the human experience with relatively new pesticides, or describe risks



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associated with various application practices (e.g. describe the rate of pesticide poisoning across major industry sectors, including agriculture); 3) assist with the development of educational and other notification materials to raise awareness of pesticide problems that are identified, and implement effective interventions; and, 4) assist with preparing manuscripts for publication in a peer-reviewed journal. The fellow will also assist in organizing the twice yearly SENSOR-Pesticides workshops which are attended by SENSOR-Pesticides partners and stakeholders. Finally, the fellow will be involved in activities to assess and promote data quality 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.

****Desired Start Date: June 1, 2018 ****

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 is for 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**
- Master's degree (preferably in public health), epidemiology, environmental health, occupational health, health informatics, or a related field.
 - Strong research and communication skills in the area of epidemiology, and strong statistical analysis skills as it relates to public and occupational health data.
 - Knowledge of SAS statistical software is desirable, but training will be provided, if needed.
 - Ability to conduct scientific research and technical support activities under the guidance of a principal investigator.
 - Ability to organize and analyze surveillance data.
 - Good communication skills
 - Willingness to address queries from stakeholders

- Eligibility Requirements**
- **Degree:** Master's Degree received within the last 60 month(s).
 - **Discipline(s):**
 - **Communications and Graphics Design** ([1](#) )
 - **Computer, Information, and Data Sciences** ([1](#) )
 - **Life Health and Medical Sciences** ([2](#) )

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- **Mathematics and Statistics** ([1](#) )