

Organization Centers for Disease Control and Prevention (CDC)

Reference Code CDC-NIOSH-2022-0363

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A complete application consists of:

- An application (<https://www.zintellect.com/>)
- Transcripts – click here for detailed information about acceptable transcripts (<https://orise.orau.gov/sepreview/transcripts.html>)
- A current resume/CV, including academic history, employment history, relevant experiences, and publication list
- Two educational or professional references. Your application will be considered incomplete and will not be reviewed until recommendations are submitted.

All documents, including transcripts, 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 12/19/2022 3:00:00 PM Eastern Time Zone

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

CDC Office and Location: A research opportunity is currently available with the Health Informatics Branch, in the Division of Field Studies and Engineering (DFSE), 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 30 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. Findings from public health surveillance studies 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.

Research Project: The ORISE research fellow will be assigned to The Sentinel Event Notification System for Occupational Risk (SENSOR)-Pesticides program (<https://www.cdc.gov/niosh/topics/pesticides/>). 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. As part of the fellowship program, the ORISE fellow will conduct public health surveillance studies of



An advertisement for the ORISE GO mobile app. At the top, the ORISE GO logo is displayed. Below it, three smartphone screens show the app's interface, including a search bar, a calendar of events, and a list of ORISE opportunities. The text below the screens reads: "The ORISE GO mobile app helps you stay engaged, connected and informed during your ORISE experience – from application, to offer, through your appointment and even as an ORISE alum!". At the bottom, there are three buttons: "Visit ORISE GO" with an external link icon, "GET IT ON Google Play", and "Download on the App Store".

acute pesticide-related illness and injury, with a focus on work-related exposures. Under the guidance of a mentor, who is a senior epidemiologist, the fellow will be involved in the following activities:

- 1. Analyze public health surveillance data to assess occupational and non-occupational disease magnitude trends
- 2. Identify and investigate emerging pesticide problems by using the SENSOR-Pesticides Program 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)
- 3. Assist with the development of educational and other notification materials to raise awareness of pesticide problems that are identified and implement effective interventions
- 4. Participate in preparing manuscripts for publication in a peer-reviewed journal
- 5. Assist in organizing the SENSOR-Pesticides workshops which are attended by SENSOR-Pesticides partners and stakeholders
- 6. Contribute to data quality assessment and improvement across the SENSOR-Pesticides states.

Learning Objectives: This appointment will offer the opportunity for multidisciplinary collaboration with epidemiologists, clinicians, industrial hygienists, statisticians, and experts in information technology working both within and external to the CDC. To provide the maximum benefit for our fellow, this fellowship will be in-person and in Cincinnati, OH.

Mentor(s): The mentor(s) for this opportunity is Walter Alarcon (wda7@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: November 2022. Start date is flexible and will depend on a variety of factors.

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 and Lawful Permanent Residents (LPR).

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 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.NIOSH@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, or be currently pursuing the degree to be received by December 30, 2022. Degree must have been received within the past five years.

Preferred Skills:

- Experience in epidemiologic methods and statistics
- Knowledge of SAS (or R) statistical software is desirable, but training can be provided, if needed
- 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 received within the last 60 months or anticipated to be received by 12/30/2022 12:00:00 AM.
- **Discipline(s):**
 - **Life Health and Medical Sciences** ([8](#) )

Affirmation I certify that I have not previously been employed by CDC or by a contractor working directly for CDC. I understand that CDC does not permit individuals with a prior employment relationship with CDC or its contractors to participate as trainees in the ORISE program. (Exceptions may be granted for individuals who, since the previous CDC employment, have obtained a new STEM degree which necessitates training in a new field.)