Opportunity Title: CDC Cancer Epidemiology Postdoctoral Fellowship
Opportunity Reference Code: CDC-NCEH-2021-0309

Organization	Centers for Disease Control and Prevention (CDC)
Reference Code	CDC-NCEH-2021-0309
How to Apply	**Connect with ORISE...on the GO!** Download the new ORISE GO mobile app in the Apple App Store or Google Play Store to help you stay engaged, connected, and informed during your ORISE experience and beyond!

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.

Description	***Applications will be reviewed on a rolling-basis, and this posting will remain open until a qualified candidate is identified.**

CDC Office and Location: A research opportunity is currently available with the Health Studies Section in the Division of Environmental Health Science and Practice (DEHSP) within the National Center for Environmental Health (NCEH) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

The Centers for Disease Control and Prevention (CDC) is one of the major operation components of the Department of Health and Human Services. CDC works to protect America from health, safety and security threats, both foreign and in the U.S. Whether diseases start at home or abroad, are chronic or acute, curable or preventable, human error or deliberate attack, CDC fights disease and supports communities and citizens to do the same.

The mission of the Health Studies Section is to reduce the negative public health consequences of environmental health threats. HSS staff use their expertise in environmental epidemiology, disaster epidemiology, and medical toxicology to assess the extent of human exposure to emerging environmental threats, identify adverse health effects associated with environmental exposures, and recommend public health strategies and interventions to prevent or reduce harmful environmental exposures.

Research Project: Under the guidance of a collaborative team of epidemiologists and health scientists, the selected research participant may be involved in the following opportunities:

- Support scientific activities of the HSS Environmental Epidemiology Team

- Conduct reviews of published and grey literature
- Protocol development and data collection, entry, and management
- Conduct statistical analysis of large epidemiologic data sets
- Collaborate with multiple groups across CDC/ATSDR, state and local partners, and non-governmental agencies
- Prepare reports and manuscripts for dissemination of scientific findings
- Support the HSS public health response activities
- Generate communication materials, including content for the CDC website
- Generate training and resource materials for state and local public health officials

Learning Objectives:

- Gain knowledge about CDC studies of emerging environmental public health issues
- Gain background knowledge of important issues related to cancer clusters
- Learn to use CDC's instance of REDCap to enter and manage data
- Gain experience with new and existing data sources to perform qualitative and quantitative analyses
- Gain knowledge about how to work collaboratively and across disciplines to address a complex environmental health issue
- Improve communication skills by presenting at meetings, conferences, and finalize documents to be included on the CDC website

Mentor(s): The mentor for this opportunity is Iris Dixon (ide0@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: As soon as a qualified candidate is identified. 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, Lawful Permanent Residents (LPR), and foreign nationals. Non-U.S. citizen applicants should refer to the Guidelines for Non-U.S. Citizens Details page of the program website for information about the valid immigration statuses that are acceptable for program participation.

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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.

Questions: Please visit our Program Website. After reading, if you have additional questions about the application process please email ORISE.CDC.NCEH@orau.org and include the reference code for this opportunity.

Qualifications

The qualified candidate should be currently pursuing or have received a doctoral degree in one of the relevant fields. Degree must have been received within five years of the appointment start date.

Preferred skills:

- Training or experience in biostatistics, particularly for small sample size analysis and cluster identification methods
- Training or experience in epidemiologic methods
- Demonstrated data management and analytical skills, including experience/proficiency with statistical analysis software (e.g., SAS)
- Demonstrated technical writing and oral communication skills
- Some interest and experience in cancer epidemiology

Eligibility Requirements

- **Degree:** Doctoral Degree received within the last 60 months or currently pursuing.
- **Academic Level(s):** Graduate Students or Postdoctoral.
- **Discipline(s):**
  - **Life Health and Medical Sciences** (3 👁)
  - **Mathematics and Statistics** (2 👁)