Opportunity Title: CDC Environmental Public Health Tracking Fellowship:
Science Development and Informatics
Opportunity Reference Code: CDC-NCEH-2022-0034

Organization	Centers for Disease Control and Prevention (CDC)
Reference Code	CDC-NCEH-2022-0034
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.

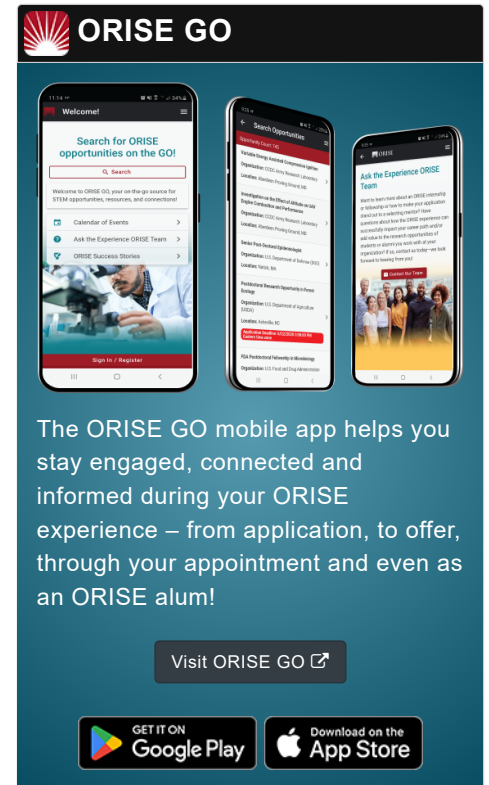All documents must be in English or include an official English translation.

Description

*Applications will be reviewed on a rolling-basis, and this posting will remain open until filled.

CDC Office and Location: A research opportunity is currently available with 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 National Environmental Public Health Tracking Program connects environmental and public health information to drive innovative, cutting edge programs and solutions that protect and improve the health of communities across the county. We do this through the National Environmental Public Health Tracking Network, a multi-tiered, Web-based, interoperable system of data, tools, and services. We are a collaborative team of public health, data science, informatics, and communication experts developing tools and processes that support the use of data to solve public health issues. In collaboration with federal, state, and local partners, we identify priority environmental health issues, determine key surveillance questions, and evaluate the utility of existing data for answering the question and informing the issue.

Research Project: The selected participant will gain experience in the Tracking Program by providing critical support for (1) the

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maintenance and expansion of the Tracking Network (http://ephtracking.cdc.gov) and (2) the use and dissemination of these data to support public health actions. The participant will be involved with the Science Development and Informatics teams in the:

- Development of environmental health surveillance goals, development of environmental health indicators and measures, and identification of appropriate statistical, analytic, and data visualization methods
- Implementation of new and updating of existing indicators and measures
- Development of new tools and processes for data management, dissemination, and visualization
- Dissemination of data and information to inform public health actions

Learning Objectives:

- The participant will learn how to apply epidemiology and environmental health science within a data science and informatics program
- The participant will collaborate with other scientists to analyze health and environmental data
- The participant will collaborate with a multidisciplinary team, engage in both group and independent assignments, and contribute to both routine and exploratory projects

Mentor(s): The mentor for this opportunity is Joseph Ralph (cmq8@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.

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 master's degree in one of the relevant fields. Degree must have been received within five years of the appointment start date.

Eligibility Requirements

- **Degree:** Master's Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**
  - **Chemistry and Materials Sciences** (12 👁)
  - **Communications and Graphics Design** (2 👁)
  - **Computer, Information, and Data Sciences** (15 👁)
  - **Earth and Geosciences** (11 👁)
  - **Engineering** (27 👁)
  - **Environmental and Marine Sciences** (14 👁)
  - **Life Health and Medical Sciences** (46 👁)
  - **Mathematics and Statistics** (10 👁)
  - **Other Non-Science & Engineering** (2 👁)
  - **Physics** (16 👁)
  - **Science & Engineering-related** (1 👁)
  - **Social and Behavioral Sciences** (28 👁)