Opportunity Title: CDC Health Systems Research Data Management and Science Fellowship

Opportunity Reference Code: CDC-NCIPC-2022-0351

Organization	Centers for Disease Control and Prevention (CDC)
Reference Code	CDC-NCIPC-2022-0351
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.

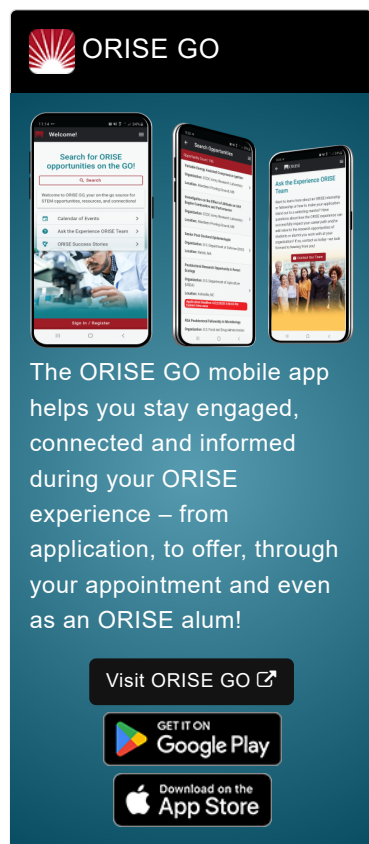|	
Application Deadline	11/30/2022 3:00:00 PM Eastern Time Zone
Description	***Applications will be reviewed on a rolling-basis.**

CDC Office and Location: A research opportunity is available with the Division of Overdose Prevention (DOP), within the National Center for Injury Prevention and Control (NCIPC) at the Centers for Disease Control and Prevention (CDC) located 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.

CDC's DOP leads injury prevention efforts by using science and data to understand drug overdoses and their related harms, and to develop evidence-based prevention solutions that work. Our mission is to save lives, prevent suffering, and help reduce healthcare costs. The Division's priority is to monitor, prevent, and reduce harms associated with drug use, misuse, and overdose.

Research Project: Joining DOP, the selected participant will be trained in the Health Systems and Research Branch (HRSB), Applied Research, Evaluation, and Integration (AREI) team. The AREI team provides research and evaluation support for the division on opioid, naloxone, and benzodiazepine prescribing surveillance; emerging controlled substance use and prescribing; and effectiveness of prevention and intervention strategies on prescribing, substance use, addition, treatment, and overdose. The AREI team manages the DOP's IQVIA data, which are large retail pharmaceutical and medical claims data holdings on multiple drug markets.

This fellowship will be an excellent opportunity for the selected participant interested in acquiring training and experience in the domains of data management, data science, and health systems research.

Learning Objectives: Under the guidance of the mentor, the participant(s) training activities will be in data quality investigations, data management, and data analysis. This will be a rich opportunity to both learn about health systems research and gain experience in health informatics and working with big data. Based on the specific skill set and interests of the participant(s), the selected participant(s) will have the opportunity to train in other emerging research/data science areas as identified by the mentor.

Under the guidance of a mentor, the participant(s) will be involved in the following activities:

- Train in data management of large datasets
- Train in the development of scientific products that using epidemiology, data science, and health services research methods
- Train in the development of data resources and reports, internal scientific support products, including data manuals and presentations
- Learn how to provide provision of technical assistance around IQVIA data products
- Learn to engage directly and collaborate with external and internal stakeholders

Mentor(s): The mentor(s) for this opportunity is Dr. Andrea Strahan, Health Scientist (opu0@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: November 21, 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.NCIPC@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 with completion
before December 31, 2022. Degree must have been received within the
past five years.

Preferred skills:

- Experience or knowledge regarding public health, epidemiology, health
  services research, and biostatistics
- Experience or knowledge related to informing public policy research
  with data
- A track record or other evidence of effective communication skills and
  with diverse populations
- Experience or knowledge in data management and analysis
- Ability to collaborate with other scientific and professional staff on
  research activities
- Experience conducting statistical analyses on public health data in
  programs Python, Stata, SAS or R

Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Master's Degree received within the last 60 months or
  anticipated to be received by 12/31/2022 11:59:00 PM.
- **Discipline(s):**
  - **Communications and Graphics Design** (6 👁)
  - **Computer, Information, and Data Sciences** (2 👁)
  - **Life Health and Medical Sciences** (3 👁)
  - **Mathematics and Statistics** (1 👁)
  - **Social and Behavioral Sciences** (2 👁)
- **Veteran Status:** Veterans Preference, degree received within the last
  120 month(s).

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.)