Opportunity Title: CDC GRASP GIS Geospatial Support, Training, Analysis, and Resources Fellowship
Opportunity Reference Code: CDC-ATSDR-2024-0019

Organization	Centers for Disease Control and Prevention (CDC)
Reference Code	CDC-ATSDR-2024-0019
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.

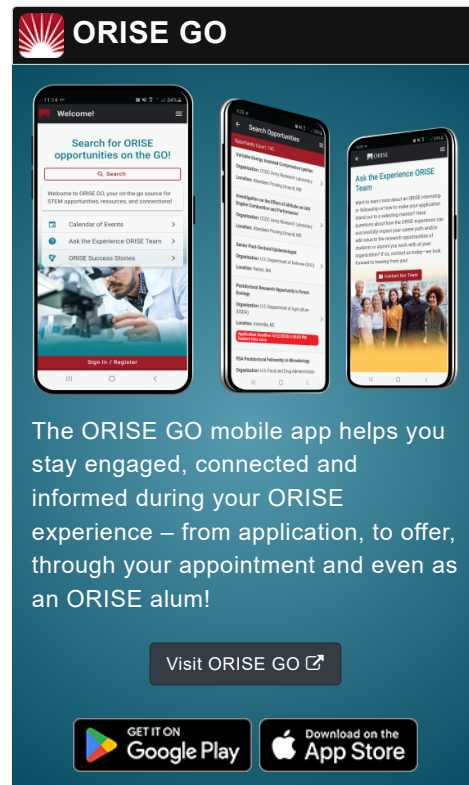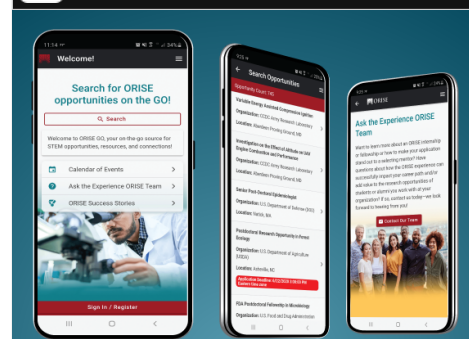|	
Application Deadline	4/16/2024 3:00:00 PM Eastern Time Zone
Description	***Applications will be reviewed on a rolling-basis.***

CDC Office and Location: A research opportunity is available in 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 increases the health security of our nation. As the nation's health protection agency, CDC saves lives and protects people from health threats. To accomplish its mission, CDC conducts critical science and provides health information that protects our nation against expensive and dangerous health threats and responds when these arise.

For nearly 30 years, GRASP has led the application of geography in public health to prevent disease, prolong life, and promote health. GRASP works across the Centers for Disease Control and Prevention (CDC), the Agency for Toxic Substances and Disease Registry (ATSDR), and the public health community to examine patterns associated with environmental health, public health emergencies, infectious and chronic disease, and injury.

Research Project: The Fellow will:

- Conduct automation of ATSDR community profiles by assisting with the creation and maintenance of a new ArcGIS Pro tool
- Assist with the maintenance and further enhancement of the IntroMaps tool in ArcGIS Pro
- Develop deep understanding of ARCGIS Python libraries
- Assist with the DVS geocoding research by daily checks on the log, python code review
- Assist with a variety of geospatial requests from ATSDR/CDC and other partners

Activities May Include:

- Maintenance of the IntroMaps tool in ArcGIS Pro
- Running IntroMaps and assisting with geospatial requests from ATSDR/CDC and other partners

Division of Vital Statistics geocoding project, CDC/ATSDR geospatial support requests, cartography, and data management are potential project areas.

Learning Objectives: As a result of this fellowship, the participant will improve their skills in the use of GIS, software, and coding languages such as python, and use of data in public health.

Mentor(s): The mentor for this opportunity is Shannon Graham (buu9@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: 2024. 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: Stipend rates may vary based on numerous factors, including opportunity, location, education, and experience. If you are interviewed, you can inquire about the exact stipend rate at that time and if selected, your appointment offer will include the monthly stipend rate.

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.

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.ATSDR@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. Degree must have been received within the past five years.

Preferred skills:

- Experience or competency with ArcGIS software including ArcGIS Pro and ArcGIS Online. Experience with Python preferred.
- Degrees or coursework in public health, environmental sciences, GIS, and/or geography is preferred.

Eligibility Requirements

- **Degree:** Master's Degree received within the last 60 month(s).
- **Academic Level(s):** Post-Master's.
- **Discipline(s):**
  - **Chemistry and Materials Sciences** (12 👁)
  - **Communications and Graphics Design** (2 👁)
  - **Computer, Information, and Data Sciences** (17 👁)
  - **Earth and Geosciences** (21 👁)
  - **Engineering** (27 👁)
  - **Environmental and Marine Sciences** (14 👁)
  - **Life Health and Medical Sciences** (51 👁)
  - **Mathematics and Statistics** (11 👁)
  - **Physics** (16 👁)
  - **Science & Engineering-related** (2 👁)
  - **Social and Behavioral Sciences** (29 👁)

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.)