

**Opportunity Title:** CDC GRASP GIS Geospatial Epidemiology and Applied

Research Fellowship

**Opportunity Reference Code:** CDC-ATSDR-2024-0170

**Organization** Centers for Disease Control and Prevention (CDC)

**Reference Code** CDC-ATSDR-2024-0170

**How to Apply** *To submit your application, scroll to the bottom of this opportunity and click **APPLY**.*

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.

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## 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.

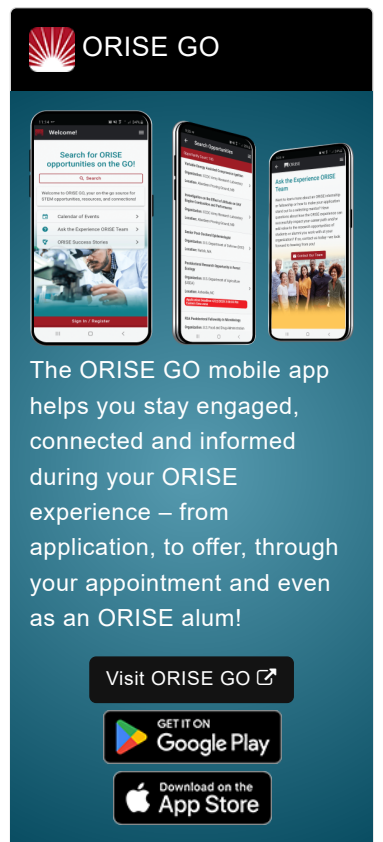
For nearly 30 years, GRASP has led the application of geography in public health to prevent disease, prolong life, and promote health. GRASP works across the Centers for Disease Control and Prevention (CDC), the Agency for Toxic Substances and Disease Registry (ATSDR), and the public health community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

**Research Project:** The Fellow will:

- Learn to compile information on Social Vulnerability Index (SVI) within U.S. territories
- Train in determining data availability for U.S. territories or how to best approximate SVI
- Collaborate with the team to develop tools and resources for the SVI to support U.S. territories



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**Learning Objectives:** Possible project areas the fellow may be trained in:

- Gain experience in outreach and engagement efforts to support the development and expansion of SVI
- Gain experience developing materials, including SVI fact sheets and data snapshots, toolkits for health departments, video tutorials, and other community resources
- Train on SVI projects in environmental, infectious disease, chronic illness, injury, and disaster epidemiology
- Learn about data and technology to support the update and expansion of SVI information to the public

**Mentor(s):** The mentor for this opportunity is Shannon Graham ([buu9@cdc.gov](mailto: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 and Lawful Permanent Residents (LPR) only.

**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](mailto:ORISE.CDC.ATSDR@orau.org) and include the reference code for this opportunity.

**Qualifications** The qualified candidate should be currently pursuing or have received

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a master's or doctoral degree in the one of the relevant fields. Degree must have been received within the past five years or anticipated to be received by 12/31/2025.

**Preferred skills:**

- Degree or coursework in public health, communications, social sciences, or geography is preferred.
- Experience or competency with one or more of the following: U.S. Census data and American Community Survey, WCMS, ArcGIS Online, R, Tableau, PowerBI, SQL.
- Professional or academic experience with one or more of the following: social vulnerability, communications, data visualization, health equity, public health.

**Eligibility**

**Requirements**

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or anticipated to be received by 12/31/2025 12:00:00 AM.
- **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.)