Opportunity Title: CDC NCHS Data Science Fellowship
Opportunity Reference Code: CDC-2026-0147

Organization Centers for Disease Control and Prevention (CDC)

Reference Code CDC-2026-0147

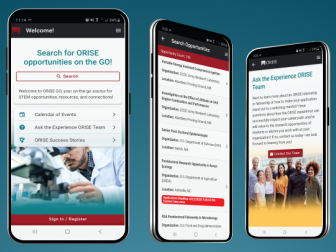
How to Apply ***To submit your application, scroll to the bottom of this opportunity and click APPLY.***

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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Application Deadline 1/1/2027 3:00:00 PM Eastern Time Zone

Description ***Applications are reviewed on a rolling-basis and applications may close before the deadline.**

CDC Office and Location: This opportunity is available with the Centers for Disease Control and Prevention (CDC), located in Hyattsville, Maryland.

The Centers for Disease Control and Prevention (CDC) is one of the major operation components of the Department of Health and Human Services. CDC protects 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 important science and provides health information that protects our nation against expensive and dangerous health threats, and responds when these arise.

Research Project: You will have the opportunity to train alongside team members involved in survey operations, analytical planning, data analytics, dissemination, survey methodology, data science, and statistical analysis supporting improvements to electronic health records (EHR) based data collection for the National Ambulatory Medical Care Survey (NAMCS). During this fellowship, you will gain experience on projects aimed at improving the quality, interoperability, and utility of EHR data collected across the two primary components of NAMCS: the Provider Visit Component and the Health Center Component. Under the guidance of a mentor you will be involved in researching topics and designing tables based on national data

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from surveys and vital records. You will be trained in reviewing literature, deciding analytic approaches, writing programming specifications, and reviewing results, while learning from more experienced analysts and other staff. You will explore approaches to automating routine disclosure risk checks, with the goal of reducing manual review burden and improving the consistency of disclosure reviews. This training will include developing, testing, and documenting analytical tools and reproducible workflows.

Learning Objectives: Throughout the appointment, you will receive mentorship and guidance from NCHS staff with experience in survey methodology, statistical disclosure, and data science. You will gain hands on training in applying advanced statistical and machine learning methods to real world federal statistical data and will develop skills in translating methodological research into practical, scalable solutions. You will also gain experience analyzing complex or sensitive survey data, writing reports and documentation, and designing generalizable tools that may support statistical production practices across NCHS data divisions. You may also have opportunities to strengthen your scientific communication skills through activities such as presenting findings, contributing to reports or publications, and engaging with the broader methodological and statistical community.

Mentor(s): The mentor for this opportunity is Nakiecha Robinson (mnz1@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: 2026/2027. Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for ten months, but may be renewed upon recommendation of CDC and is contingent on the availability of funds.

Level of Participation: The appointment is full time or part time.

Citizenship Requirements: This opportunity is available to U.S. citizens 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.

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

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Qualifications The qualified candidate should be currently pursuing or have received an associate's, bachelor's, master's, or doctoral degree in the one of the relevant fields.

Preferred skills:

- Experience in a cloud computing environment.
- Experience coding R, Python, and/or SQL.
- Experience or courses in natural language processing (NLP) and information extraction, including text normalization, tokenization, regular expressions, dictionaries/lexicons, negation detection, rule-based approaches, and adapting or fine tuning pretrained models for domain specific text.
- Experience with large relational databases.

Stipend $3,884.16 – $8,534.58 Monthly

Point of Contact Rachel

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Associate's Degree, Bachelor's Degree, Master's Degree, or Doctoral Degree.
- **Discipline(s):**
  - **Computer, Information, and Data Sciences** (17 👁)
  - **Life Health and Medical Sciences** (8 👁)
  - **Mathematics and Statistics** (11 👁)
  - **Social and Behavioral Sciences** (7 👁)
- **Age:** Must be 18 years of age

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.)