

Opportunity Title: CDC Data Scientist in Clinical and Public Health Laboratory

Science Fellowship

Opportunity Reference Code: CDC-CSELS-2022-0358

Organization Centers for Disease Control and Prevention (CDC)

Reference Code CDC-CSELS-2022-0358

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 12/19/2022 3:00:00 PM Eastern Time Zone

Description *Applications will be reviewed on a rolling-basis.

CDC Office and Location: A research opportunity is currently available with the Division of Laboratory Systems (DLS) within the Center for Surveillance, Epidemiology, and Laboratory Services (CSELS) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

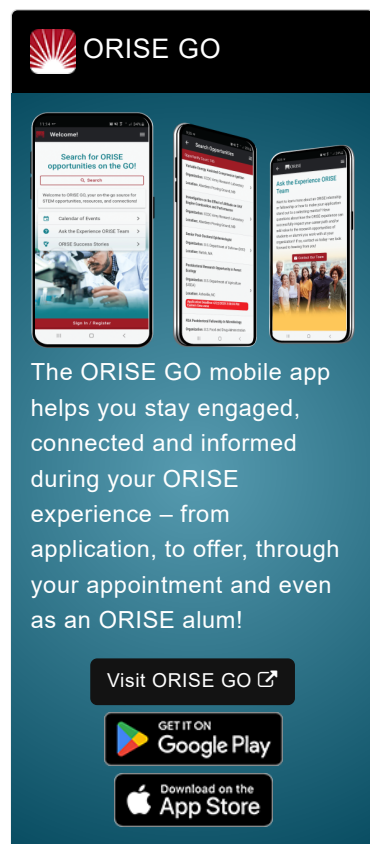
The Centers for Disease Control and Prevention (CDC) is one of the major operation components of the Department of Health and Human Services. CDC works to protect America from health, safety and security threats, both foreign and in the U.S. Whether diseases start at home or abroad, are chronic or acute, curable or preventable, human error or deliberate attack, CDC fights disease and supports communities and citizens to do the same.

[Division of Laboratory Systems \(DLS\) | CDC](#) Our mission is to Improve public health, patient outcomes, and health equity by advancing laboratory systems. The ORISE fellowship will be in the DLS Informatics and Data Science Branch. [Informatics and Data Science | CDC](#) Learn more [About DLS | CDC](#)

Research Project: Under the guidance of a collaborative team, the selected research participant may be involved in the following opportunities:

- (1) support scientific activities of the Division of Laboratory Systems,
- (2) conduct reviews of published and grey literature,
- (3) develop protocols to collect, enter and manage data,
- (4) conduct quantitative analysis of large public health datasets, and prepare reports and manuscripts for dissemination of scientific findings.

The participant will be expected to make contributions in the general areas of creation of a dashboard of clinical laboratory capabilities, studies of the equity of access to clinical laboratory testing, and analyses of clinical laboratory infrastructure.



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Learning Objectives:

- (1) Gain knowledge about CDC studies of emerging public health issues,
- (2) gain background knowledge of important issues related to public health,
- (3) gain experience with new and existing data sources,
- (4) gain knowledge about how to work collaboratively and across disciplines to address a complex public health issue, and
- (5) improve communication skills by presenting at meetings

Mentor(s): The mentor for this opportunity is Dr. Jeremy Green (gkz2@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: 2022 or early 2023. 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.CSELS@orau.org and include the reference code for this opportunity.







Qualifications The qualified candidate should have received a master's or doctoral degree in one of the relevant fields. Degree must have been received within the past five years.

Preferred skills, training, or experience include:

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- (1) training or experience in clinical laboratory medicine and/or public health laboratory science,
- (2) training or experience in quantitative methods,
- (3) demonstrated data management and analytical skills, including experience/proficiency with statistical computing (e.g., R),
- (4) demonstrated technical writing and oral communication skills,
- (5) some interest and experience in data visualization

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| Eligibility | • Citizenship: LPR or U.S. Citizen |
| Requirements | • Degree: Master's Degree or Doctoral Degree received within the last 60 month(s). |
| | • Discipline(s): |
| | ◦ Communications and Graphics Design (2 ) |
| | ◦ Computer, Information, and Data Sciences (17 ) |
| | ◦ Engineering (1 ) |
| | ◦ Life Health and Medical Sciences (33 ) |
| | ◦ Mathematics and Statistics (9 ) |
| | ◦ Social and Behavioral Sciences (24 ) |