Organization	Centers for Disease Control and Prevention (CDC)
Reference Code	CDC-NCIRD-ID-2024-0050
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.

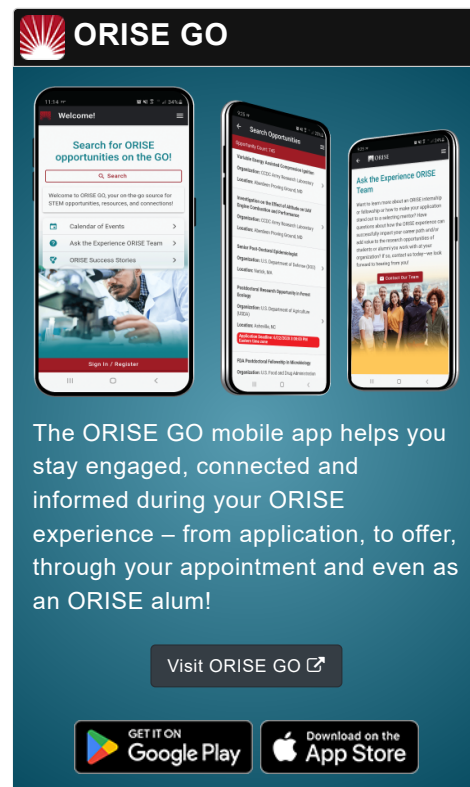|	
Description	*Applications will be reviewed on a rolling-basis.*

CDC Office and Location: A fellowship opportunity is available within the Influenza Division (ID) Immunology and Pathogenesis Branch of the National Center for Immunization and Respiratory Diseases (NCIRD) at the Centers for Disease Control and Prevention (CDC), located in Atlanta, Georgia. ID provides the scientific and programmatic foundation and leadership for the diagnosis, prevention, and control of influenza domestically and internationally.

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.

Research Project: Under the guidance of a mentor, the fellow will provide support in data management and analysis for projects involving the assessment of antibody-mediated immunity to influenza vaccination and infection in the population.

Learning Objectives: The activities listed below represent the minimum training opportunities available to the fellow:

- Developing analytic strategies for assessing the antibody-mediated immunity to influenza vaccine and infection.
- Managing the tracking, receipt, validation, and merging of large datasets, including data from multiple sites and epidemiologic and laboratory medical data.
  - This includes monitoring data quality and completeness and providing feedback, designing and maintaining large databases, creating and maintaining database documentation, and generating datasets for analysis.
- Performing statistical analysis and statistical modeling.

- Maintaining and improving data management processes.
- Problem-solving to optimize data collection, data management, and data analysis.
- Reviewing and summarizing scientific and clinical literature related to analytic strategies or project implementation options.
- Summarizing research findings in written reports and presentations.

Mentor(s): The mentor for this opportunity is Min Levine (mwl2@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: July 1, 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.NCIRD@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:

Opportunity Title: CDC Public Health Data Analyst Fellowship
Opportunity Reference Code: CDC-NCIRD-ID-2024-0050

- Experience with SAS and/or R
- Experience with vaccines and infectious diseases
- Excellent writing and communication skills

Eligibility Requirements

- **Degree:** Master's Degree or Doctoral Degree received within the last 60 month(s).
- **Academic Level(s):** Postdoctoral or Post-Master's.
- **Discipline(s):**
  - **Computer, Information, and Data Sciences** (5 👁)
  - **Life Health and Medical Sciences** (9 👁)
  - **Mathematics and Statistics** (8 👁)

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.)