

Opportunity Title: CDC's NCIRD Public Health Internship Program (PHIP) - Rotavirus Vaccine Research Fellowship
Opportunity Reference Code: CDC-NCIRD-2024-0236

Organization Centers for Disease Control and Prevention (CDC)

Reference Code CDC-NCIRD-2024-0236

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 1/17/2025 3:00:00 PM Eastern Time Zone

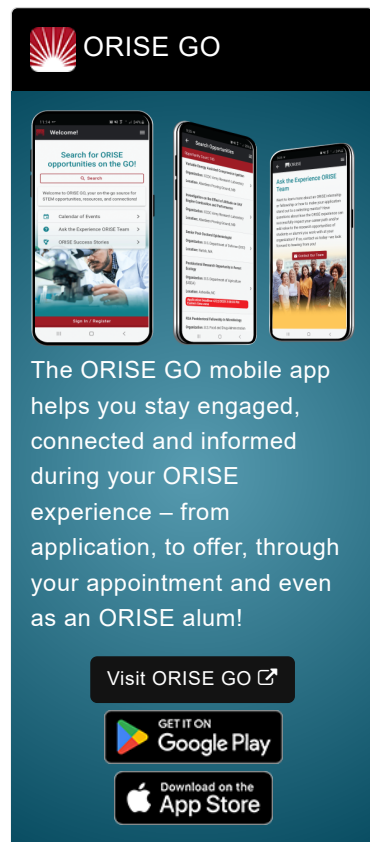
Description ***Applications will be reviewed on a rolling-basis.**

CDC Office and Location: A fellowship opportunity is available with the Viral Gastroenteritis Branch (VGB), within the [Division of Viral Diseases \(DVD\)](#), in the [National Center for Immunization and Respiratory Diseases \(NCIRD\)](#) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia. **This opportunity is full time and eligible to be 100% virtual within 50 miles of the appointment location.**

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.


The mission of the [Division of Viral Diseases \(DVD\)](#) is to prevent disease, disability, and death from viral diseases through immunization and other prevention measures. Within DVD is the Viral Gastroenteritis Branch (VGB) which prevents and controls viral gastroenteritis by conducting surveillance, outbreak investigation and research that inform prevention measures and vaccine development and implementation.


Research Project: Rotavirus is the most common cause of severe diarrhea in children globally. Real world evaluations of rotavirus vaccines show these vaccines moderately protect children from diarrhea in countries with




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high child mortality compared to high levels of protection for children in low child mortality countries. The mechanisms for these disparities in vaccine performance are not well understood, although there are some hypotheses. This opportunity would collaborate with team members to further our understanding of disparities in rotavirus vaccine protection globally.

Specifically, the selected candidate will review the published literature to identify data gaps and opportunities for additional analyses and review data sources to determine appropriateness of data for addressing key hypotheses related to understanding disparities in rotavirus vaccine performance.

Learning Objectives: Under the guidance of a mentor, the participant will learn to:

- Gain knowledge on rotavirus and routine vaccine subject matter content
- Learn processes for planning, implementing, and summarizing systematic literature reviews
- Develop skills in data management and descriptive data analysis of individual-level data

Mentor(s): The mentor for this opportunity is **Eleanor**

Burnett (wwg7@cdc.gov). If you have questions about the nature of the research, please contact the mentor(s).

Anticipated Appointment Start Date: **March 10, 2025.** Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for six 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.

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

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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 be currently pursuing or have received a bachelor's or master's degree in the one of the relevant fields. Degree must have been received within the past five years, or be currently pursuing.

Preferred skills:

- Emerging statistical programming in SAS or R
- Understanding of epidemiologic and analytic concepts
- Applied experience with medical records preferred
- Organized, team-player, interested in learning and applying new skills

- Eligibility Requirements**
- **Degree:** Bachelor's Degree or Master's Degree received within the last 60 months or currently pursuing.
 - **Discipline(s):**
 - **Chemistry and Materials Sciences** ([12](#) )
 - **Communications and Graphics Design** ([6](#) )
 - **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](#) )
 - **Other Non-Science & Engineering** ([13](#) )
 - **Physics** ([16](#) )
 - **Science & Engineering-related** ([2](#) )
 - **Social and Behavioral Sciences** ([30](#) )

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.)