

**Opportunity Title:** CDC Community Transmission of Respiratory Viruses Fellowship  
**Opportunity Reference Code:** CDC-NCIRD-2023-0210

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

**Reference Code** CDC-NCIRD-2023-0210

**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.

If you have questions, send an email to [ORISE.CDC.NCIRD@orau.org](mailto:ORISE.CDC.NCIRD@orau.org). Please include the reference code for this opportunity in your email.

**Application Deadline** 10/10/2023 3:00:00 PM Eastern Time Zone

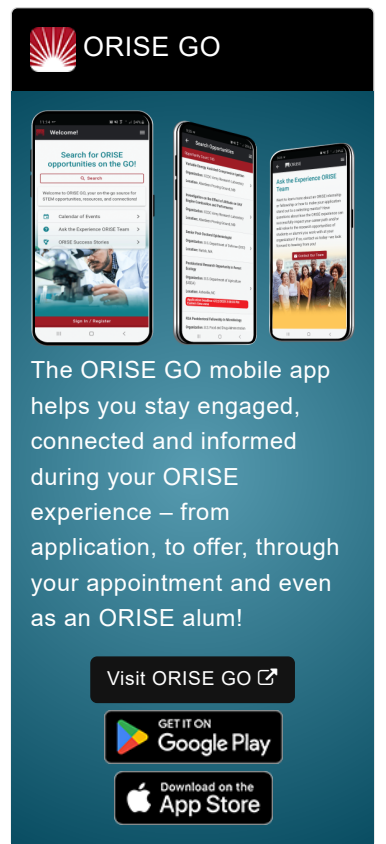
**Description** **\*Applications will be reviewed on a rolling-basis.**

**CDC Office and Location:** A research opportunity is currently available with the Coronavirus and Other Respiratory Viruses Division (CORVD), National Center for Immunization and Respiratory Diseases (NCIRD), 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.


**Research Project:** The Outbreak Response and Community Transmission (ORCT) Team, Epidemiology Branch, CORVD, at the Centers for Disease Control and Prevention, is seeking a motivated Master's level graduate with a background in epidemiology, biostatistics, informatics, or related field.


This project will offer a unique opportunity to train with a multi-disciplinary team focusing on innovative ways to gather, analyze, and disseminate public health information. The Coronavirus and Other Respiratory Viruses Division provides the scientific and programmatic foundation and leadership for the diagnosis, prevention, and control of SARS-CoV-2, RSV, and other respiratory viruses, domestically and internationally. The ORCT team supports outbreak response and research platforms that supplement our understanding of SARS-CoV-2, RSV, and other respiratory virus transmission and severity in community settings. The Team is particularly interested in exploring the potential utility of new and under-used data




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sources that could allow for better or timelier understanding of the epidemiology of respiratory viruses.

**Learning Objectives:** The selected candidate will train with mentors on the team on the analysis and visualization of various information sources. The participant will primarily be involved in projects that include: (1) assisting in the coordination, analysis and visualization of SARS-CoV-2 and RSV secondary attack rates and transmission dynamics through CDC-sponsored case-ascertained household transmission studies, (2) data management to support outbreaks or field investigations related to respiratory viruses, (3) provide epidemiological or data support to investigations to better understand impact respiratory viruses have on populations in community-based settings. The participant will also develop an understanding of how analytics and visualizations support the response to SARS-CoV-2, RSV, and other respiratory viruses.

**Mentor(s):** The mentor for this opportunity is Nia Mims ([nngm7@cdc.gov](mailto:nngm7@cdc.gov)). If you have questions about the nature of the research, please contact the mentor(s).

**Anticipated Appointment Start Date:** **September 25, 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, 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

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additional questions about the application process please email [ORISE.CDC.NCIRD@orau.org](mailto:ORISE.CDC.NCIRD@orau.org) and include the reference code for this opportunity.

**Qualifications** The qualified candidate should have received a master's degree in one of the relevant fields, or be currently pursuing the degree with completion before the appointment start date. Degree must have been received within the past 60 months.

**Preferred skills:**

- Substantial coursework or experience in epidemiology and/or biostatistics is preferred.
- Experience with data importation, manipulation, and statistical programming in R; knowledge of R Shiny is desirable
- Experience with data importation, manipulation, and statistical programming in SAS
- General curiosity, flexibility and interest in broadening a diverse set of epidemiology skills to support field epidemiology investigations and responses involving respiratory viruses

- Eligibility Requirements**
- **Degree:** Master's Degree received within the last 60 months or currently pursuing.
  - **Discipline(s):**
    - **Communications and Graphics Design** ([1](#))
    - **Computer, Information, and Data Sciences** ([3](#))
    - **Life Health and Medical Sciences** ([6](#))
    - **Mathematics and Statistics** ([2](#))

**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.)