Opportunity Title: CDC Epidemiologist Fellowship
Opportunity Reference Code: CDC-NCEZID-DFWED-2022-0318

Organization	Centers for Disease Control and Prevention (CDC)
Reference Code	CDC-NCEZID-DFWED-2022-0318
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	11/29/2022 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 in the Division of Foodborne, Waterborne, and Environmental Diseases (DFWED) within the National Center for Emerging and Zoonotic Infectious Diseases (NCEZID) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia. **This training opportunity is available in Atlanta and is not remote eligible but may be eligible for telework.**

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: CDC's Outbreak Response and Prevention Branch (ORPB) collaborates with epidemiologists, laboratory scientists, and other public health officials who investigate clusters of foodborne, waterborne, zoonotic, and other enteric (gastrointestinal) illnesses in the United States. ORPB works to ensure rapid and coordinated surveillance, detection, and response to multistate outbreaks caused by Escherichia coli, Salmonella, Campylobacter, and Listeria. Focus areas for the branch include:

1. Coordinating the national network of public health officials who investigate foodborne, waterborne, zoonotic, and other enteric disease outbreaks
2. Providing outbreak assistance to state and local health

departments and other groups at CDC who investigate multistate enteric disease outbreaks

3. Develop, implement, and evaluate tools and strategies for the prevention and control of zoonotic enteric disease outbreaks
4. Communicating risk to the public and other stakeholders during ongoing outbreaks and create educational materials to prevent enteric illnesses
5. Collaborating closely with laboratory colleagues to use whole genome sequencing and other advanced laboratory techniques in enteric pathogen outbreak investigations

The incumbent for this appointment will train in the Enteric Zoonoses Activity (EZA) and focus on data analysis and dissemination of scientific findings during outbreaks of enteric illness associated with animal contact. Specific tasks (in addition to those described above) may include developing data analysis plans, analyzing current outbreak data using statistical software programs, scientific writing, and development of materials for presentation at scientific conferences. The incumbent will also assist with design of analytic studies during outbreak investigations to improve data quality.

The candidate can find additional information about the appointment at the following websites:
http://www.cdc.gov/foodsafety/outbreaks/index.html;
https://www.cdc.gov/healthypets/outbreaks.html

Learning Objectives: As a result of this training, the participant will improve their skills in multistate outbreak investigations linked to animal contact, data management, analysis, scientific writing, and public communications.

Mentor(s): The mentor for this opportunity is Gregory Sean Stapleton (qbs1@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: September 1, 2022. 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. **Funding for this opportunity is currently expected to end on 8/31/2023.**

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 or Lawful Permanent Residents (LPR).

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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.NCEZID@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 (e.g. Public Health, Epidemiology). Most recent degree must have been received within the past five years.

Preferred skills:

- Strong quantitative skills, including proficiency in SAS, R, Stata, Epi Info, Microsoft Access, or other relational database management systems; and other Microsoft Office applications including Word, Excel, and PowerPoint.
- Excellent time management and organizational skills, the ability to comfortably multi-task, and the ability to interpret and summarize large quantities of scientific data.
- Excellent skills for preparing written documents and giving oral presentations.

Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Master's Degree or Doctoral Degree received within the last 60 month(s).
- **Discipline(s):**
  - **Communications and Graphics Design** (1 👁)
  - **Life Health and Medical Sciences** (9 👁)
  - **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.)