

Opportunity Title: CDC Epidemiology Fellowship
Opportunity Reference Code: CDC-DFWED-2022-0089

Organization Centers for Disease Control and Prevention (CDC)

Reference Code CDC-DFWED-2022-0089

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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 5/6/2022 11:59:00 PM Eastern Time Zone

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

CDC Office and Location: Two research opportunities are available with the Outbreak and Response Prevention Branch (ORPB) in the Division of Foodborne, Waterborne, and Environmental Diseases (DFWED) in the National Center for Emerging and Zoonotic Infectious Diseases (NEZID) at the Centers for Disease Control and Prevention (CDC) located 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.

CDC's Outbreak Response and Prevention Branch (ORPB) collaborates with epidemiologists, laboratorians, 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*, 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; and (5) collaborating closely with laboratory colleagues to use whole genome sequencing and other advanced



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laboratory techniques in enteric pathogen outbreak investigations.

Research Project: The participant will train in the Foodborne Outbreak Response Team (FORT) and focus on investigating and preventing outbreaks of enteric illness associated with foodborne infections caused by Salmonella, STEC, and Listeria. The participant will be involved in learning how to develop, implement, and evaluate tools and strategies for the prevention and control of multistate foodborne and other enteric disease outbreaks; communicating risk to the public and other stakeholders during ongoing outbreaks; create educational materials to prevent enteric illnesses; and collaborating closely with laboratorians to use whole genome sequencing and other advanced laboratory techniques in enteric pathogen outbreak investigations.

Learning Objectives: This fellowship offers an opportunity to interact as a core member of a multi-disciplinary team focusing on outbreak response and prevention activities, a primary component of CDC's mission. The fellowship offers advanced experiential learning opportunities that should complement academic study in public health and related fields. The participant will have opportunities to enhance quantitative and qualitative reasoning, critical thinking, problem solving, communication, and teamwork skills.

Mentor(s): The mentor for this opportunity is Thai-An Nguyen (ten9@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: Spring 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.

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.

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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 degree in one of the relevant fields, or be currently pursuing the degree with completion by the end of May 2022. Degree must have been received within the past five years.

Preferred skills:

- Experience with data importation, manipulation, and analysis
- Experience with Microsoft Access, Excel, and Power Point
- Strong quantitative skills, which may include proficiency in SAS and Microsoft Access or other relational database management systems
- Excellent time management and organizational skills, the ability to comfortably multi-task, and the ability to interpret and summarize scientific data
- Capable of working independently and possess excellent written and verbal communication and organizational skills

- Eligibility Requirements**
- **Degree:** Master's Degree received within the last 60 months or anticipated to be received by 5/31/2022 11:59:00 PM.
 - **Discipline(s):**
 - **Communications and Graphics Design** ([2](#) 👁)
 - **Life Health and Medical Sciences** ([6](#) 👁)
 - **Mathematics and Statistics** ([2](#) 👁)