

Opportunity Title: CDC Doctoral Epidemiologist Surveillance Fellowship

Opportunity

Opportunity Reference Code: CDC-NCEZID-DVBD-2025-0015

Organization Centers for Disease Control and Prevention (CDC)

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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 4/21/2025 3:00:00 PM Eastern Time Zone

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

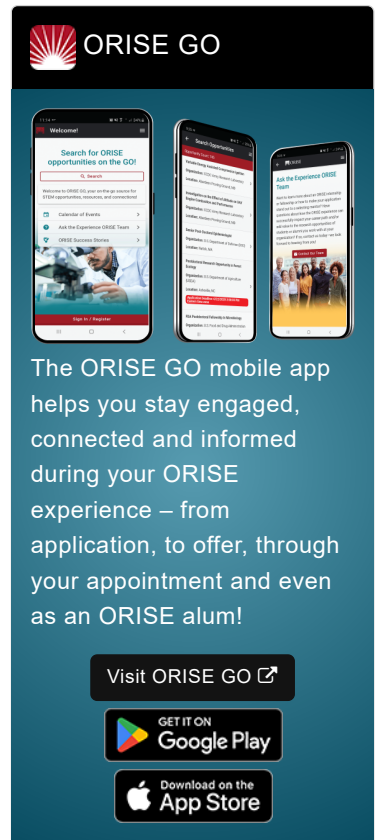
CDC Office and Location: An epidemiology training opportunity is available in the Epidemiology and Surveillance Activity, Bacterial Diseases Branch, Division of Vector-Borne Diseases (DVBD), National Center for Emerging Zoonotic and Infectious Diseases (NCEZID) at the Centers for Disease Control and Prevention (CDC), located in Fort Collins, Colorado.

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 Bacterial Diseases Branch is responsible for public health and research activities aimed at control and prevention of vector-borne bacterial diseases, including Lyme disease, plague, and tularemia.

Research Project: We are seeking motivated participants with a background in Public Health, Allied Sciences, Epidemiology, Biostatistics or Statistics, Data Management, or Data Science. Under the guidance of a mentor, epidemiology team members, and multidisciplinary scientific staff, the participant will be involved in the following activities:


- Conduct analyses of Lyme disease and other vector-borne bacterial diseases in large administrative or electronic health record data sets


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using statistical software (SAS, R, and/or similar programs)

- Plan and conduct a systematic literature review pertaining to risk factors for Lyme disease and apply standard methodology to assess certainty in evidence
- Prepare oral and written presentations for internal and external audiences.
- Help in the development and publication of scientific manuscripts that summarize research projects

Learning Objectives: The learning objectives of the selected individual's appointment will be the ability to gain valuable experiences in the development, implementation, and reporting of epidemiologic research and evaluation activities, as well as plentiful experience in public health practice at the federal level.

Mentor(s): The mentor for this opportunity is Kiersten Kugeler (bio1@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: July 14, 2025. 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 only.

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

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email ORISE.CDC.NCEZID@orau.org and include the reference code for this opportunity.

Qualifications The qualified candidate should be currently pursuing or have received a doctoral degree in the one of the relevant fields. Degree must have been received within the past 3 years or is anticipated to be received by 8/31/2025.

Preferred skills:

- Experience with infectious diseases and/or applied epidemiology
- Experience analyzing large or complex data
- Proficiency and experience with statistical analyses in standard statistical packages (e.g., SAS or R)
- Experience in scientific writing, including the development of articles for peer-reviewed journals
- Experience with systematic literature software programs is an asset (e.g., Covidence, Abstrackr)
- Experience applying a quality of evidence rating is an asset (e.g., GRADE)

Point of Contact [Rachel Barker](#)

Eligibility • **Citizenship:** U.S. Citizen Only

Requirements • **Degree:** Doctoral Degree received within the last 36 months or anticipated to be received by 8/31/2025 12:00:00 AM.

- **Discipline(s):**
 - **Computer, Information, and Data Sciences** (1👁)
 - **Earth and Geosciences** (1👁)
 - **Life Health and Medical Sciences** (21👁)
 - **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.)