

Opportunity Title: CDC Epidemiology Fellowship
Opportunity Reference Code: CDC-NCEZID-2021-0113

Organization Centers for Disease Control and Prevention (CDC)

Reference Code CDC-NCEZID-2021-0113

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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.

If you have questions, send an email to ORISE.CDC.NCEZID@oraui.org. Please include the reference code for this opportunity in your email.

Application Deadline 5/14/2021 3:00:00 PM Eastern Time Zone

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

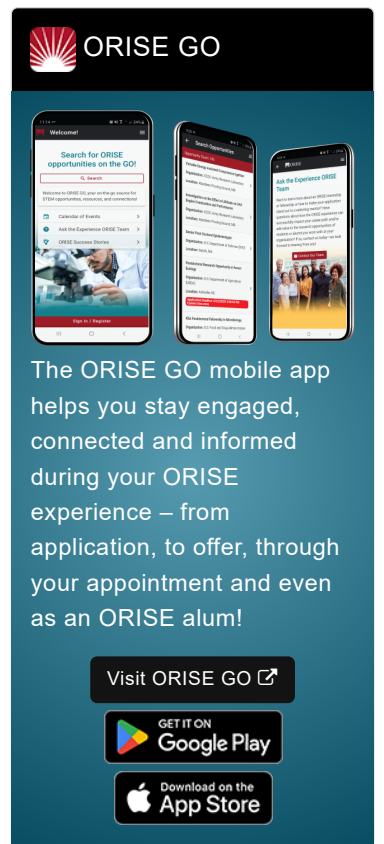
A research opportunity is currently available with the One Health Office (OHO), Office of the Director (OD) at the National Center for Emerging and Zoonotic Infectious Diseases (NCEZID) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

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.

The selected participant will gain experience in the field of zoonotic and emerging infectious diseases, specifically those that involve the human-animal-environment interface, One Health, and COVID-19. The specific projects involve epidemiological, programmatic, and educational projects related to the prevention and control of zoonoses, and contributing to the development of guidance for use by human and animal health and other partners that can enhance surveillance, response, and prevention of zoonoses in the US and globally.


Under the guidance of a mentor, the participant will be trained in the following activities:


- Contribute to One Health activities related to human-animal-environment interface issues, COVID-19, emerging and re-emerging zoonotic diseases, antimicrobial resistance, pandemic preparedness, and outbreak response
- Contribute to the development of resources to support partners to address zoonotic diseases, including COVID-19
- Contribute to the development of data analysis plans and analyze data collected from epidemiological studies and information collected from human and animal health partners
- Participate in the development of visualizations from data gathered from epidemiological studies and surveillance activities




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- Collaborate to support the development of resources for pandemic planning and guidance development for companion animals, zoo animals, wildlife, and livestock
- Conduct systematic reviews and literature searches to support the development of evidence-based recommendations related to COVID-19 and One Health
- Maintaining accurate records of process-specific objectives, timelines, outcomes, and deliverables
- Writing and editing summary of evidence documents and prevention recommendations
- Collaborating with One Health groups (both internal and external to CDC), professional human, animal, and environmental health societies, local, state and city health departments, international organizations and governments, non-governmental organizations, and community-based organizations, and others.



Anticipated Appointment Start Date: Spring 2021

This program, administered by ORAU through its contract with the U.S. Department of Energy to manage the Oak Ridge Institute for Science and Education, was established through an interagency agreement between DOE and CDC. The initial appointment can be up to one year, but may be renewed for an additional four years upon recommendation of CDC contingent on the availability of funds. The participant will receive a monthly stipend commensurate with educational level and experience. Proof of health insurance is required for participation in this program. The appointment is full-time at CDC in the Atlanta, Georgia, area. Participants do not become employees of CDC, DOE or the program administrator, and there are no employment-related benefits.

Qualifications The qualified candidate should have received a doctoral degree in one of the relevant fields, or be currently pursuing the degree with completion by the appointment start date. Degree must have been received within five years of the appointment start date.

Preferred skills:

- Knowledge and understanding of One Health, public health, and epidemiological principles
- Basic skills in oral and written communication, including experience with writing and editing of documents and making presentations to scientific and non-scientific communities
- Competency in quality management system procedures and database software (Adobe Professional, Word, PowerPoint, Excel, and Access)
- Knowledge and experience in web-based analysis tools
- Intermediate data analytical skills (e.g., mathematical or statistical modelling)
- Capable of developing hypotheses and questions independently
- Intermediate or higher knowledge of a statistical programming language (e.g. R, SAS)
- Ability to search and assess scientific literature (PubMed, Web of Science, Scopus, etc)

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Doctoral Degree received within the last 60 months or anticipated to be received by 5/28/2021 11:59:00 PM.
 - **Discipline(s):**
 - **Environmental and Marine Sciences** ([4](#) )
 - **Life Health and Medical Sciences** ([46](#) )