

**Opportunity Title:** CDC Human-Animal-Environment Epidemiology Internship

**Opportunity Reference Code:** CDC-NCEZID-2021-0210

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

**Reference Code** CDC-NCEZID-2021-0210

**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.NCEZID@orau.org](mailto:ORISE.CDC.NCEZID@orau.org). Please include the reference code for this opportunity in your email.

**Application Deadline** 8/16/2021 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 in the Office of the Director at the National Center for Emerging and Zoonotic Infectious Diseases (NCEZID) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

Throughout the course of this research project, 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. 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 may be involved in the following activities:

- Contributing 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
- Assisting in the development of resources to support partners to address zoonotic diseases, including COVID-19
- Developing data analysis plans and analyzing data collected from epidemiological studies and information collected from human and animal health partners
- Developing visualizations from data gathered from epidemiological studies and surveillance activities
- Collaborating to support the development of resources for pandemic planning and guidance development for companion animals, zoo animals, wildlife, and livestock
- Conducting systematic reviews and literature searches to support the development of evidence-based recommendations related to COVID-19 and One Health



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- 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: August 1, 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 master's degree in one of the relevant fields, or be currently pursuing the degree with completion by August 1, 2021. Degree must have been received within the past five years.

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)
- 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:** Master's Degree received within the last 60 months or anticipated to be received by 8/1/2021 11:59:00 PM.
- **Discipline(s):**
  - **Environmental and Marine Sciences** ([3](#) )
  - **Life Health and Medical Sciences** ([46](#) )
  - **Social and Behavioral Sciences** ([2](#) )