Opportunity Title: CDC Global Rabies Epidemiology and Geospatial Fellowship
Opportunity Reference Code: CDC-NCEZID-DHCPP-2022-0353

Organization	Centers for Disease Control and Prevention (CDC)
Reference Code	CDC-NCEZID-DHCPP-2022-0353
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	12/5/2022 3:00:00 PM Eastern Time Zone
Description	***Applications will be reviewed on a rolling-basis.**

CDC Office and Location: A research and training opportunity is available in the Poxvirus and Rabies Branch (PRB), Division of High-Consequence Pathogens and Pathology (DHCPP) of the National Centers for Emerging and Zoonotic Infectious Diseases (NCEZID) 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.

Research Project: The Fellow will apply advanced analytic skills to epidemiological research practices involving disease surveillance, investigation, and more. The Fellow's research will require geospatial analysis as needed by the unit.

Learning Objectives:

- Apply geospatial and analytic skills to assist with domestic and international epidemiological research design, analysis, reporting, and publication.
- Gain experience in implementing and managing collaboration for design and implementation of epidemiological research projects with national and international partners.
- Training in national electronic laboratory reporting including implantation, data collection, and reporting with state and federal agencies.
- Assisting public health practitioners, health providers, and the public to interpret national and international rabies prevention guidelines.

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- Receive mentoring in clinical and epidemiologic assessments in human and animal health
- Publish scientific manuscripts and give presentations related to global rabies epidemiological studies
- Gain experience developing programmatic evaluation indicators and conducting program evaluations

Mentor(s): The mentor(s) for this opportunity is Sarah Bonaparte (ygb7@cdc.gov). Please contact them if you have questions about the nature of this research.

Anticipated Appointment Start Date: November 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.

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.

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 be currently pursuing or have received a master's degree in one of the relevant fields (e.g. Geospatial Systems, Data Science, Biostatistics, Statistics, Global Health, Epidemiology). Degree must have been received in the past five years.

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Preferred Skills:

- Intermediate to advanced proficiency in GIS (ArcGIS; Quantum GIS; Python) or other geospatial analysis programs
- Intermediate to advanced proficiency in an analytic software and programing languages such as SAS, R, or Python
- Optional skills: information sharing systems/data exchange and/or writing manuscripts for publications

Eligibility Requirements

- **Degree:** Master's Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**
  - **Computer, Information, and Data Sciences** (1 👁)
  - **Earth and Geosciences** (1 👁)
  - **Life Health and Medical Sciences** (3 👁)
  - **Mathematics and Statistics** (1 👁)

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.)