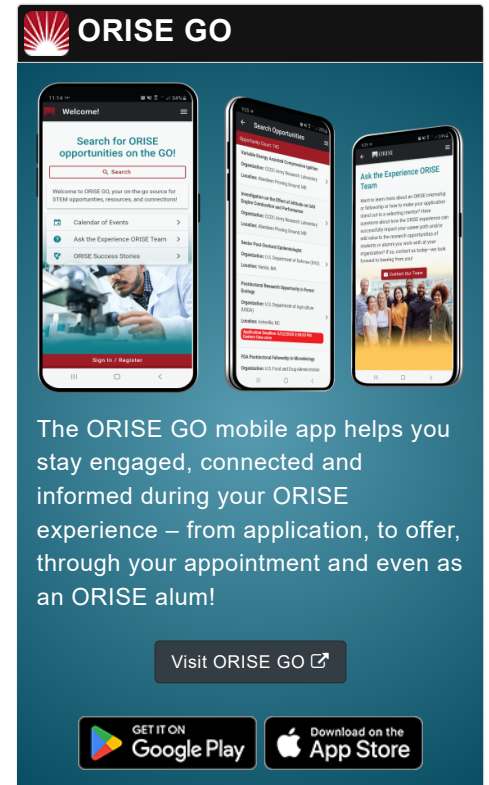


**Opportunity Title:** ORISE Fellow, Division of Vector-Borne Diseases, Centers for Disease Control and Prevention

**Opportunity Reference Code:** CDC-DVBID-2018-0132



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

**Reference Code** CDC-DVBID-2018-0132

**How to 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
- Two educational or professional references

All documents must be in English or include an official English translation.

If you have questions, send an email to [CDCrpp@orau.org](mailto:CDCrpp@orau.org). Please include the reference code for this opportunity in your email.

**Application Deadline** 12/28/2018 12:00:00 AM Eastern Time Zone

**Description** An opportunity is available in the Division of Vector-Borne Diseases (DVBID) at the Center for Disease Control and Prevention (CDC) in Fort Collins, Colorado.

The individual will participate in laboratory and field studies related to tick and tick-borne pathogen surveillance. More specifically, the project activities include: (a) pathogen detection in ticks using established protocols (DNA extraction, real-time PCR, sequencing), (b) tick identification using published taxonomic keys and molecular assays designed to differentiate morphologically similar species, (c) field collection of ticks, (d) maintaining records in electronic databases, and (e) mapping and modeling tick distributions within a GIS framework. There may also be opportunities to participate in assay development, research on tick/pathogen control methods, enzootic maintenance of Lyme disease spirochetes, laboratory-based vector competency/transmission efficiency studies, and/or flea identification and associated fieldwork. The learning objectives of the selected individual's appointment will be the ability to conduct predefined research independently, and to summarize results in tabular or text formats, and to prepare draft manuscripts in a publishable quality to enhance the individual's professional experience and career path.

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 is for one year, but may be renewed 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 Fort Collins, Colorado, area. Participants do not become employees of CDC, DOE or the program administrator, and there are no employment-related benefits.

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### Qualifications

A Master's degree in Entomology, Biology, Microbiology, or another relevant field is required.

Previous experience working with arthropods (ticks, mosquitoes or fleas), molecular methods, or GIS would be helpful. The opportunity requires working with laboratory animals. The selected individual will learn all procedures involved in the research.

### Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Master's Degree received within the last 60 month(s).
- **Discipline(s):**
  - **Earth and Geosciences** (1 )
  - **Life Health and Medical Sciences** (6 )