Opportunity Title: CDC Diagnostics and Bioinformatics Fellowship
Opportunity Reference Code: CDC-DVBD-2019-0132

Organization	Centers for Disease Control and Prevention (CDC)
Reference Code	CDC-DVBD-2019-0132
How to Apply	A complete application consists of:

- An application
- Transcripts – <u>Click here for detailed information about acceptable transcripts</u>
- 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. Please include the reference code for this opportunity in your email.

Application Deadline	8/30/2019 3:00:00 PM Eastern Time Zone
Description	*Applications will be reviewed on a rolling-basis.*

A research opportunity is currently available in the Bacterial Diseases Branch within the Division of Vector-Borne Diseases (DVBD), of the National Center for Emerging and Zoonotic Infectious Diseases (NCEZID) at the Centers for Disease Control and Prevention (CDC) in Fort Collins, Colorado.

The Bacterial Diseases Branch is responsible for public health and research activities aimed at diagnosis and characterization of vector-borne bacterial diseases, including Lyme disease, relapsing fever, plague, and tularemia. Infectious diseases transmitted to humans by the bite of an arthropod vector constitute a significant and growing public health threat in the United States. Research is focused on enhancing next generation diagnostic and bioinformatics capabilities in order to transform how the CDC detects, characterizes and responds to vector-borne diseases.

Under the guidance of a mentor, the participant will gain knowledge and skills in a public health diagnostic laboratory at the Federal level, and will be involved in a variety of cutting-edge research projects focused on improving the diagnosis and characterization of bacterial tickborne pathogens using a variety of advanced molecular detection methods and bioinformatics.

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 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

The qualified candidate should be currently pursuing or have received a bachelor's, master's or doctoral degree (preferred) in one of the relevant fields. Degree must have been received within five years of the appointment start date.

Preferred skills:

- Strong organizational, analytical, and interpersonal skills
- Strong background with hands on experience analyzing next-generation sequence data and bioinformatic pipeline development
- Experience with Linux and programming languages R and python

Eligibility Requirements

- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**
  - **Life Health and Medical Sciences** (3 👁)