

**Opportunity Title:** Molecular Biology Post-Bachelor Fellowship - CDC

**Opportunity Reference Code:** CDC-NCEZID-2016-0162

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

**Reference Code** CDC-NCEZID-2016-0162

**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.

**Description** A fellowship opportunity is currently available in the Chronic Viral Diseases Branch within the Division of High-Consequence Pathogens and Pathology (DHCPP) of the National Center for Emerging and Zoonotic Infectious Diseases (NCEZID) at the Centers for Disease Control and Prevention (CDC).

Joining the Human Papillomavirus (HPV) DNA Laboratory, the participant will be involved in laboratory tasks including processing, testing, and archiving specimens in support of HPV epidemiology and vaccine implementation studies. The participant will also develop project management skills such as supply forecasting and communication with internal and external study partners. The participant may also evaluate and optimize methods for molecular detection of HPV.

The fellow may have an opportunity to be involved in the following activities in support of DHCPP/NCEZID:

- Cataloging, processing and storing biologic samples received in the HPV DNA laboratory while observing all safety guidelines
- Extracting nucleic acid from human specimens
- Detecting, quantifying and genotyping HPV with polymerase chain reaction (PCR), line-blot and other molecular assays
- Recording and maintaining hardcopies and electronic copies of laboratory notebooks detailing experiments and results, managing records in electronic databases (e.g. Microsoft Access and laboratory information systems [LIMS]) and submitting reports of tasks performed as they are requested
- Performing quality control and safety procedures necessary for the performance of laboratory protocols involved in working with biohazard materials
- Assisting in laboratory quality management activities as assigned
- Attending weekly departmental meetings that address current scientific activities of the branch



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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 Atlanta, GA area. Participants do not become employees of CDC, DOE or the program administrator, and there are no employment-related benefits.

**Qualifications** Applicants must have received a bachelors degree in a biological science field, such as biochemistry, biology, biotechnology, genetics, microbiology, molecular biology, or virology within five years of the desired start date. Experience with basic biological laboratory skills, and spreadsheet applications such as Microsoft Excel and databases such Microsoft Access and a laboratory information system (LIMS) is preferred. Advanced computer skills in programming languages such as Visual Basic (VBA), Structured Query Language (SQL) and R are not expected but may allow for additional project opportunities.

- Eligibility Requirements**
- **Degree:** Bachelor's Degree received within the last 60 month(s).
  - **Academic Level(s):** Post-Bachelor's.
  - **Discipline(s):**
    - **Life Health and Medical Sciences** ([11](#) )