

Opportunity Title: Biochemical Markers Summer Fellowship

Opportunity Reference Code: CDC-NCEH-2018-0013



Organization Centers for Disease Control and Prevention (CDC)

Reference Code CDC-NCEH-2018-0013

How to Apply The application deadline is January 19, 2018.

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. Please include the reference code for this opportunity in your email.

Application Deadline 1/19/2018 3:00:00 PM Eastern Time Zone

Description A summer fellowship opportunity is available in the Division of Laboratory Sciences (DLS) within the National Center for Environmental Health (NCEH) at the Centers for Disease Control and Prevention (CDC) on the Chamblee Campus in Atlanta, Georgia.

DLS provides laboratory support that improves the detection, diagnosis, treatment, and prevention of environmental, tobacco-related, nutritional, newborn, selected chronic and selected infectious diseases. DLS also works to improve the rapid and accurate detection of chemical threat agents, radiologic threat agents, and selected toxins.

Collaborating with a multidisciplinary team, the selected participant will use state-of-the-art laboratory equipment to address topics relevant to public health. This will allow the participant to gain hands-on experience in applied analytical chemistry and enhance their knowledge of its applications to public health. Opportunities may include:

- Developing and applying new analytical methods aimed at characterizing and quantitating biochemical markers that are relevant in environmental exposures and chronic diseases using analytical techniques such as LC-MS/MS, GC-MS, and others.
- Assessing a variety of markers in biological specimens (such as serum or urine)
- Developing reference materials

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 (ORISE), was established through an interagency agreement between DOE and CDC. The participant will receive a monthly stipend commensurate with educational level. Proof of health insurance is required for participation in this program. The appointment for one summer (May 24, 2018, through August 3, 2018) and is full-time at CDC (Chamblee Campus) 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 • Current undergraduate and graduate students majoring in applied sciences may apply. Students who

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have completed a bachelor's degree within the past 12 months and will be enrolled in graduate school in Fall 2018 are also eligible.

- Chemistry and biology majors are preferred. Highly qualified candidates from other science majors may be considered.
- Must be a US citizen and comply with safety and security requirements before or upon reporting to CDC.

**Eligibility
Requirements**

- **Citizenship:** U.S. Citizen Only
- **Degree:** Currently pursuing a Bachelor's Degree, Master's Degree, or Doctoral Degree.
- **Discipline(s):**
 - **Chemistry and Materials Sciences** (12 👁)
 - **Earth and Geosciences** (21 👁)
 - **Engineering** (27 👁)
 - **Environmental and Marine Sciences** (14 👁)
 - **Life Health and Medical Sciences** (45 👁)
 - **Mathematics and Statistics** (10 👁)
 - **Physics** (16 👁)
 - **Science & Engineering-related** (1 👁)

Affirmation

I certify that I am a current undergraduate and graduate student OR that I have completed a bachelor's degree within the past 12 months and will be enrolled in graduate school in Fall 2018.