

**Opportunity Title:** Biochemical Markers Summer Fellowship

**Opportunity Reference Code:** CDC-DLS-2020-0015

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

**Reference Code** CDC-DLS-2020-0015

**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 recommendations. Your application will be considered incomplete, and will not be reviewed until two recommendations are submitted.

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

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

**Application Deadline** 1/10/2020 3:00:00 PM Eastern Time Zone

**Description** Multiple research opportunities are currently 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) 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:

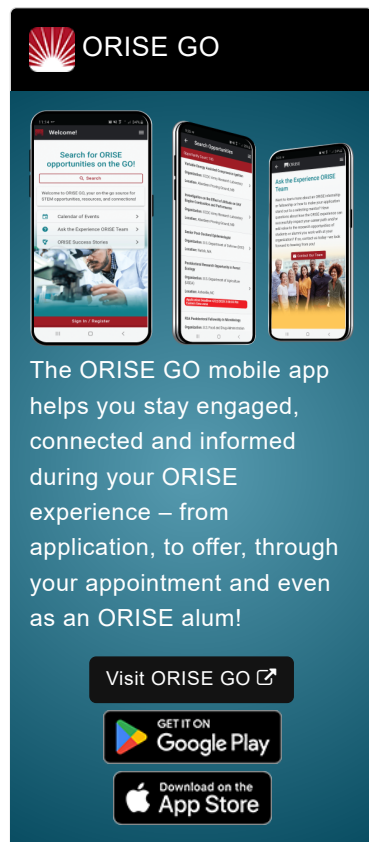
- Developing and applying new analytical methods aimed at characterizing and quantitating biochemical markers that are relevant in environmental exposures and chronic diseases using analytical techniques such as LC-MS/MS, GC-MS, and others
- Assessing a variety of markers in biological specimens (such 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, 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 is for one summer (May 21, 2020, through July 31, 2020) 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** The qualified candidate should be currently pursuing an undergraduate or graduate degree in one of the relevant fields.


Experience with analytical techniques including LC-MS/MS, GC-MS is favorable, but not required.


Selected participants must comply with safety and security requirements before or upon reporting




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to CDC.

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
  - **Degree:** Currently pursuing an Associate's Degree, Bachelor's Degree, Master's Degree, or Doctoral Degree.
  - **Academic Level(s):** Graduate Students or Undergraduate Students.
  - **Discipline(s):**
    - **Chemistry and Materials Sciences** ([11](#) )
    - **Life Health and Medical Sciences** ([1](#) )