

Opportunity Title: CDC Biochemical Markers Fellowship

Opportunity Reference Code: CDC-DLS-2021-0245



Organization Centers for Disease Control and Prevention (CDC)

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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
- One educational or professional recommendation

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

Application Deadline 7/19/2021 3:00:00 PM Eastern Time Zone

Description **Applications will be reviewed on a rolling-basis.*

Multiple research opportunities are available with the Division of Laboratory Sciences (DLS) of the National Center for Environmental Health (NCEH) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

The Centers for Disease Control and Prevention (CDC) is one of the major operation components of the Department of Health and Human Services. CDC works to protect America from health, safety and security threats, both foreign and in the U.S. Whether diseases start at home or abroad, are chronic or acute, curable or preventable, human error or deliberate attack, CDC fights disease and supports communities and citizens to do the same.

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 participants 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

Anticipated Appointment Start Date: September 15, 2021

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 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 have received a bachelor's or master's degree in one of the relevant fields. Degree must have been received

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within the past five years.

Experience with analytical techniques including LC-MS/MS, GC-MS is favorable.

Must comply with safety and security requirements before or upon reporting to CDC

**Eligibility
Requirements**

- **Citizenship:** U.S. Citizen Only
- **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
- **Discipline(s):**
 - **Chemistry and Materials Sciences** (11 )
 - **Life Health and Medical Sciences** (3 )