

**Opportunity Title:** CDC Laboratory Sciences Summer Fellowship

**Opportunity Reference Code:** CDC-NCEH-DLS-2023-0271

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

**Reference Code** CDC-NCEH-DLS-2023-0271

**How to Apply** *Connect with ORISE...on the GO!* Download the new ORISE GO mobile app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

A complete application consists of:

- An application
- Transcript(s) – 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 one recommendation is submitted.

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

**Application Deadline** 1/9/2024 11:00:00 PM Eastern Time Zone

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

**CDC Office and Location:** Multiple fellowship 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.

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.

**Research Project:** Collaborating with a multidisciplinary team, the selected participant will use state-of-the-art laboratory equipment to address topics relevant 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)



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- Developing reference materials

**Learning Objectives:** This appointment will allow the participant to gain hands-on experience in applied analytical chemistry and enhance their knowledge of its applications to public health.

**Mentor(s):** The mentor(s) for this opportunity is Khin Maw. If you have questions about the nature of the research, please contact the mentor(s) at [DLSSummerORISE@cdc.gov](mailto:DLSSummerORISE@cdc.gov).

**Anticipated Appointment Start Date:** May 20, 2024.

**Appointment Length:** The appointment will initially be for two and a half months (10 weeks), but may be renewed upon recommendation of CDC and is contingent on the availability of funds.

**Level of Participation:** The appointment is full-time.

**Participant Stipend:** The participant will receive a monthly stipend commensurate with educational level and experience.

**Citizenship Requirements:** This opportunity is available to U.S. citizens only.

**ORISE Information:** This program, administered by ORAU through its contract with the U.S. Department of Energy (DOE) to manage the Oak Ridge Institute for Science and Education (ORISE), was established through an interagency agreement between DOE and CDC. Participants do not become employees of CDC, DOE or the program administrator, and there are no employment-related benefits. Proof of health insurance is required for participation in this program. Health insurance can be obtained through ORISE.

The successful applicant(s) will be required to comply with Environmental, Safety and Health (ES&H) requirements of the hosting facility, including but not limited to, COVID-19 requirements (e.g. facial covering, physical distancing, testing, vaccination).

**Questions:** Please visit our [Program Website](#). After reading, if you have additional questions about the application process please email [ORISE.CDC.NCEH@orau.org](mailto:ORISE.CDC.NCEH@orau.org) and include the reference code for this opportunity.

**Qualifications** The qualified candidate should be currently pursuing an associate's, bachelor's, master's, or doctoral degree in one of the relevant fields (e.g. Chemistry, Biochemistry). Most recent degree must have been received within five years of the appointment start date.



Preferred skills:

- Experience with analytical techniques including LC-MS/MS, GC-MS is favorable, but not required
- Must comply with safety and security requirements before or upon reporting to CDC

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

**Affirmation** I certify that I have not previously been employed by CDC or by a contractor working directly for CDC. I understand that CDC does not permit individuals with a prior employment relationship with CDC or its contractors to participate as trainees in the ORISE program. (Exceptions may be granted for individuals who, since the previous CDC employment, have obtained a new STEM degree which necessitates training in a new field.)