

Opportunity Title: CDC Protein Structure Fellowship
Opportunity Reference Code: CDC-DLS-2022-0178

Organization Centers for Disease Control and Prevention (CDC)

Reference Code CDC-DLS-2022-0178

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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. 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 10/31/2022 11:59:00 PM Eastern Time Zone

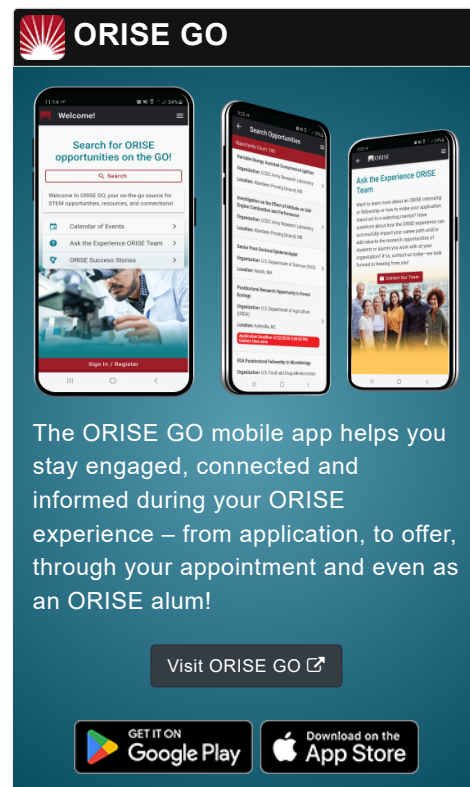
Description ***Applications will be reviewed on a rolling-basis.**

CDC Office and Location: Multiple research opportunities are currently available in the Clinical Chemistry Branch (CCB) at 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. The Clinical Chemistry Branch (CCB) conducts research to diagnose, assess treatment efficacy, and prevent chronic and infectious diseases.

Research Project: CCB currently has multiple openings in rapidly expanding program areas including infectious diseases and protein structure. Most of the time and activities will be connected to method development and application of advanced chromatographic and mass spectrometric methods. Participants will be involved in research activities in coordination with senior PhD group members and will include conducting experiments, literature search and writing reports.

Learning Objectives: The participants will receive training and hands-on experience on advanced bioanalytical techniques, proteomic/mass spectrometry techniques, protein expression



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and purification in addition to CDC required safety trainings.

Mentor(s): The mentor(s) for this opportunity is Don Wang (dov2@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: **October 2022.** Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for one year, 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. **The annual stipend is typically \$45,567 for a Bachelor's degree and \$55,738 for a Master's degree. In addition, fellows are offered a standard Blue Cross/Blue Shield health insurance policy (no dental or vision). Relocation expenses are not covered.**

Citizenship Requirements: This opportunity is available to U.S. citizens, Lawful Permanent Residents (LPR), and foreign nationals. Non-U.S. citizen applicants should refer to the [Guidelines for Non-U.S. Citizens Details page](#) of the program website for information about the valid immigration statuses that are acceptable for program participation.

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 and include the reference code for this opportunity.

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 within five years of the appointment start date.



Preferred skills:

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- Experience with reviewing scientific literature, conducting laboratory experiments, interpreting and evaluating results and other findings, and writing reports describing the results and conclusions
- Skills with handling complex analytical data, processing and presentation of results with the aid of software tools
- Experience with MS instrumentation and protein/peptide analysis
- Experience conducting routine laboratory tasks independently
- Undergraduate research laboratory experience
- High level of proficiency in Microsoft Office applications

**Eligibility
Requirements**

- **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
- **Overall GPA:** 3.00
- **Academic Level(s):** Post-Bachelor's or Post-Master's.
- **Discipline(s):**
 - **Chemistry and Materials Sciences** (6 )
 - **Life Health and Medical Sciences** (11 )