

**Opportunity Title:** Web-base Data Design Support  
**Opportunity Reference Code:** CCDC-CBC-2020-0008

**Organization** U.S. Department of Defense (DOD)

**Reference Code** CCDC-CBC-2020-0008

**How to Apply** Components of the online application are as follows:

- Profile Information
- Educational and Employment History
- Essay Questions (goals, experiences, and skills relevant to the opportunity)
- Resume (PDF)
- Transcripts/Academic Records - [Click here for detailed information about acceptable transcripts](#)
- Recommendation - 1 required

Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blanked out, blackened out, made illegible, etc.) prior to uploading into the application system. If you have questions, send an email to [ARMY-RDECOM@orise.orau.gov](mailto:ARMY-RDECOM@orise.orau.gov). Please list the reference code of this opportunity in the subject line of the email. All documents must be in English or include an official English translation.

**Description** The U.S. Army Combat Capabilities Development Command's Chemical Biological Center (CCDC-CBC) serves as the Department of Defense's primary technical organization for non-medical chemical and biological defense. It provides an extraordinary capability against emerging biological and chemical threats by merging intelligence assessments with its world-renowned expertise. We provide a unique blend of distinguished scientists and engineers to research and analyze the emerging threats and technological advances.

The CBC is offering a unique ORISE opportunity that will support Defense Threat Reduction Agency (DTRA) Joint Science and Technology Office (JSTO) in a tasked mission to develop, store and maintain a database/website interface. Under the guidance of a mentor, you will take part in transferring data from As an ORISE participant at the CBC you a database/website design based on a Linux OS and MySQL Database system to two Windows 2016 servers storing the data in a SQL Server Database, configuration management, design new web-page interface and provide update briefings to Senior Management. As an ORISE participant, you will learn to develop project management charts, perform configuration management, and review software code and develop databases.

For more information on CCDC Chemical Biological Center, please visit <https://www.cbc.ccdc.army.mil/>

#### Appointment Length

An ORISE appointment period can be a short-term (less than 12 months), summer (10-12 weeks), or yearlong appointment. Faculty appointments are generally for 10-12 weeks during the summer, but appointments during the academic year are also available. Appointments may be extended depending on funding availability, project assignment, program rules, and availability of the participant.

#### Participant Benefits

Participants will receive a stipend to be determined by USACCBC. Stipends are typically based on the participant's academic standing, discipline, experience, and research facility location. Other benefits may include the following:



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- Health Insurance Supplement. *Participants are eligible to purchase health insurance through ORISE.*
- Relocation Allowance
- Training and Travel Allowance

**Nature of Appointment**

The Participant will not enter into an employee/employer relationship with ORISE, ORAU, DOD, or any other office or agency. Instead, the participant will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment.

**Qualifications** Candidate should be graduate student status working towards M.S. in computer science with GPA of 3.3 or higher with educational background in Cybersecurity, management in Information security, Linux, Unix. Candidate should have some knowledge or work experience understanding of cryptographic algorithms, operating systems ( e.g. Linux, UNIX, MySQL), management of information security, software programming with Python, Visual Basic, C, and C++ programming.

- Eligibility Requirements**

- **Citizenship:** U.S. Citizen Only
  - **Degree:** Master's Degree received within the last 60 months or anticipated to be received by 5/31/2021 11:59:00 PM.
  - **Overall GPA:** 3.30
  - **Discipline(s):**
    - **Computer, Information, and Data Sciences** ([16](#) 👁)
    - **Engineering** ([27](#) 👁)
  - **Age:** Must be 18 years of age