

Opportunity Title: Biological Sciences and Technology Internship at U.S. Army

CCDC Solider Center

Opportunity Reference Code: CCDC-SC-2021-0006

Organization	U.S. Department of Defense (DOD)
Reference Code	CCDC-SC-2021-0006
How to Apply	Click on <i>Apply</i> at the bottom of the opportunity to start your application.
Application Deadline	1/17/2022 3:00:00 PM Eastern Time Zone
Description	The U.S. Army Combat Capabilities and Development Command Solider Center (DEVCOM-SC) is offering an Undergraduate or Master's degree-level internship with their Biological Sciences and Technology Team (BSTT).

What will I be doing?

As an ORISE participant, you will join the collaborative, diverse group of scientists in the BSTT to support human performance research efforts. This experience will provide an opportunity to lay the foundation for accelerating in vitro and ex vivo human performance to optimize warfighter health and performance. Along the way, you will engage in activities and research in a laboratory setting which may include, but is not limited to activities such as:

- participation in human research in laboratory and field environments
- cell culture maintenance and processing
- other routine laboratory activities
- data analysis & presentations
- scientific writing
- contribution to overall biomarker and cell culture research strategy
- collaboration with a cross-functional team and external academic/industry collaborators

Why Should I apply?

Under the guidance of a mentor, you will gain hands-on experience to complement your education and support your academic and professional goals. This is an exciting opportunity for an individual motivated to see their contributions directly impact the warfighter through support of human performance research efforts at DEVCOM-SC.

Where will I be located?

Natick, Massachusetts

What is the anticipated start date?

The DEVCOM-SC is ready to make appointments immediately. Exact start dates will be determined at the time of selection and



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in coordination with the selected candidate. Applications are reviewed on an ongoing basis and internships or fellowships will be filled as qualified candidates are identified.

What is the appointment length?

Appointments are initially for one year with the option to extend the appointment for up to four additional years, contingent upon project needs and funding availability.

What are the benefits?

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

1. Health Insurance Supplement (*Participants are eligible to purchase health insurance through ORISE*)
2. *Relocation Allowance*
3. Training and Travel Allowance

About DEVCOM-SC

The U.S. Combat Capabilities Development Command - Soldier Center (CCDC Soldier Center) is located at the U.S. Army Natick Soldier Systems Center in Natick, Massachusetts, under the Army's Futures Command. Stretching back to 1954, the CCDC Soldier Center's history of support for the Soldier has continued uninterrupted for more than six decades, with a focus on Soldier-related research, development, testing and evaluation efforts. If Soldiers wear it, eat it, sleep under it, or have it airdropped to them in theater, it can be traced back to the CCDC Soldier Center. Diverse expertise comprised of scientists, engineers, technologists and equipment designers, the CCDC Soldier Center provides a wide range of capabilities to the Soldier, to include field feeding and life support systems, protective clothing, precision airdrop systems, and ballistic, chemical and laser-protection systems, and human performance optimization. For more information about the DEVCOM-SC, please visit <https://www.army.mil/devcom>.

About ORISE

This program, administered by Oak Ridge Associated Universities (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 DoD. Participants do not enter into an employee/employer relationship with ORISE, ORAU, DoD or any other office or agency. Instead, you will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment. Proof of health insurance is required for

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participation in this program. Health insurance can be obtained through ORISE. For more information, visit the [ORISE Research Participation Program at the U.S. Department of Defense](#).

Qualifications

The qualified candidate will be currently pursuing a Bachelor's degree or Master's Degree in Biology and will complete the degree by May 30, 2022.

Highly competitive applicants will have education and/or experience in one or more of the following:

- biotechnology, microscopy, clinical biochemistry and in vitro assay development
- utilization of standard laboratory techniques in: molecular biology, biochemistry, cell culture, exercise physiology, immunology, and/or biomarker analysis
- handling and processing several mammalian cell/tissue types (muscle, liver, intestine, immune)
- immunological, biochemical and molecular biology assays, including ELISA, protein quantification, Western blotting, cytokine analysis, and PCR-based techniques

Additionally, applicants selected for an interview should be prepared to provide examples of the following:

- challenges oneself to enhance scientific capabilities
- scientifically rigorous, highly organized, and with significant attention to detail
- independent as well as collaborative
- motivated, interactive, and creative with the ability to participate across a matrixed environment to advance translational research

Application Requirements

A complete application consists of:

- Zintellect Profile
- Educational and Employment History
- Essay Questions (goals, experiences, and skills relevant to the opportunity)
- Resume (PDF)
- Transcripts/Academic Records - For this opportunity, an unofficial transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted. [Click here for detailed information about acceptable transcripts](#).
- One Recommendation

If you have questions, send an email to ARMY-RDECOM@orise.orau.gov. Please list the reference code of this opportunity CCDC-SC-2021-0006 in the subject line of the email. Please understand that ORISE does not review applications or select applicants; selections are made by the sponsoring agency identified on this opportunity. All application materials should be submitted via the "Apply" button at the bottom of this opportunity listing. Please do not send application materials to the email address above.


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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!

**Eligibility
Requirements**

- **Citizenship:** U.S. Citizen Only
- **Degree:** Currently pursuing a Bachelor's Degree or Master's Degree to be received by 5/30/2022 12:00:00 AM.
- **Academic Level(s):** Graduate Students or Undergraduate Students.
- **Discipline(s):**
 - **Life Health and Medical Sciences** (1 )