

Opportunity Title: Student Internship in Synthetic Biology and Soldier Materials Science with U.S. Army DEVCOM Soldier Center
Opportunity Reference Code: DEVCOM-SC-2022-0006

Organization U.S. Department of Defense (DOD)

Reference Code DEVCOM-SC-2022-0006

How to Apply Click on *Apply* at the bottom of the opportunity to start your application.

Description The U.S. Army DEVCOM Soldier Center, Natick, MA seeks to recruit undergraduate and graduate students to participate in a STEM Workforce Development project focused on synthetic biology.

What will I be doing?

As an ORISE participant, you will join a community of scientists and researchers and engage in educational and research opportunities to become familiar with the science and technology needs for the Soldier and develop experience in various elements of synthetic biology and its interface with materials science. Under the guidance of a mentor, you will gain hands-on experience to complement your education and support your academic and professional goals. Along the way, you may participate in STEM activities such as courses, research seminars, research projects, and an annual scientific presentations event. This experience will also allow students to gain capability to compete, in the future, for positions in DOD/Army/Soldier Center laboratories, and to conduct research on a variety of synthetic biology enabled materials technologies.

Where will I be located?

Activities will be conducted at University of Massachusetts, Boston, Massachusetts; University of Dartmouth, Dartmouth, Massachusetts; and/or virtually.

What is the anticipated start date?

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

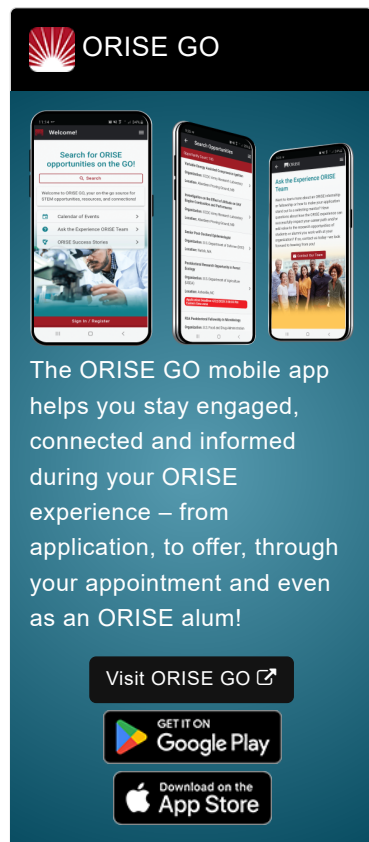
What are the benefits?

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:

- Health Insurance Supplement (*Participants are eligible to purchase health insurance through ORISE*)
- Relocation Allowance
- 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.



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Science with U.S. Army DEVCOM Soldier Center

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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 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 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 a current undergraduate or graduate student pursuing a degree in physical sciences, life sciences or engineering.

Highly competitive applicants will have an aptitude for participating in research, writing scientific and technical reports, and making oral presentations.

While participants will not enter into an employment relationship with DoD or any other agency, this opportunity will require a suitability investigation/background investigation. Any offer made is considered tentative pending favorable outcome of the investigation.

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

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Your application will be considered incomplete and will not be reviewed until all application materials (including recommendations) are completed. We encourage you to contact your recommenders as soon as possible to let them know to expect a message from Zintellect. Recommenders will be asked to describe your scientific capabilities, personal characteristics, and how they know you.

If you have questions, send an email to ARMY-RDECOM@orise.orau.gov. Please list the reference code of this opportunity DEVCOM-SC-2022-0005 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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**Eligibility
Requirements**

- **Citizenship:** U.S. Citizen Only
- **Degree:** Currently pursuing an Associate's Degree, Bachelor's Degree, Master's Degree, or Doctoral Degree.
- **Academic Level(s):** Graduate Students or Undergraduate Students.
- **Discipline(s):**
 - **Chemistry and Materials Sciences** ([12](#) )
 - **Communications and Graphics Design** ([2](#) )
 - **Computer, Information, and Data Sciences** ([17](#) )
 - **Earth and Geosciences** ([21](#) )
 - **Engineering** ([27](#) )
 - **Environmental and Marine Sciences** ([14](#) )
 - **Life Health and Medical Sciences** ([48](#) )
 - **Mathematics and Statistics** ([11](#) )
 - **Physics** ([16](#) )
 - **Science & Engineering-related** ([2](#) )
 - **Social and Behavioral Sciences** ([28](#) )