

Opportunity Title: Postdoctoral Biomaterials and Bioengineering Faculty Fellowship

Opportunity Reference Code: DEVCOM-CBC-2024-0008-F

Organization U.S. Department of Defense (DOD)

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

Description The Research and Operations Directorate at the DEVCOM Chemical Biological Center (CBC) is offering a part-time, biomaterials and bioengineering faculty fellowship at the facility at the Aberdeen Proving Ground in Maryland.

What will I be doing?

As an ORISE participant, you will join a community of scientists and researchers in an effort to establish new materials capabilities at the center and provide expertise on bioprinting techniques.

Why should I apply?

Under the guidance of a mentor and as a fellow participating in the Research and Operations Directorate, you will have the opportunity to engage with the DEVCOM CBC researchers who provide expertise in the field of bio compatible materials and hydrogels. You will have the opportunity to research across multiple discipline areas; including, but not limited to engineering and prototyping, molecular toxicology, materials science and engineering, and biological sciences. This opportunity will allow you to broaden your awareness of an experience with many different problem sets across several areas in the chemical and biological defense space.

Where will I be located?

Aberdeen Proving Ground, Maryland

What is the anticipated start date?

The preferred start date is January 6, 2025; however, 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 fellowships will be filled as qualified candidates are identified.

What is the appointment length?

This appointment is a part-time, twelve-month research appointment, with the possibility to be renewed for additional research periods. Appointments may be extended depending on funding availability, project assignment, program rules, and availability of the participant.

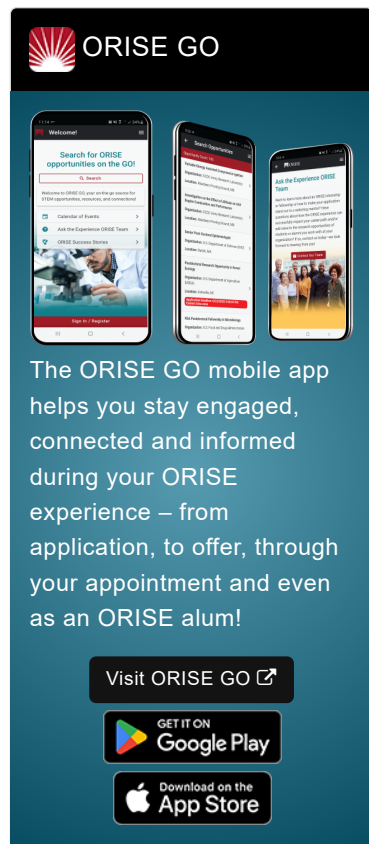
What are the appointment provisions?

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

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

About DEVCOM CBC

The DEVCOM Chemical Biological Center (DEVCOM-CBC) is the primary Department of Defense



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technical organization for non-medical chemical and biological defense. DEVCOM-CBC activities at the Edgewood portion of Aberdeen Proving Ground, Maryland, provide an extraordinary capability against emerging biological and chemical threats by merging intelligence assessments with its world-renowned chemistry, biology, physiology and engineering expertise at every stage of the acquisition life cycle. We provide a unique blend of distinguished scientists and engineers for the research and development of innovative technological solutions to solve chemical and biological defense threats to our nation—both abroad and on the homeland. For more information about the DEVCOM-CBC, please visit <https://www.cbc.devcom.army.mil>.

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 is a faculty member at an accredited institution of higher education with a Ph.D. in Chemical Engineering, Bioengineering, or similar.

Highly qualified candidates will have experience with teaching at the collegiate level and with developing relevant teaching materials as related to biomaterials.

Highly preferred skills and experience include:

- Materials science
- Hydrogels
- Biomaterials
- Bioprinting

Application Requirements

A complete application consists of:

- Zintellect Profile
- Educational and Employment History
- Essay Questions (goals, experiences, and skills relevant to the opportunity)
- Statement of Research Interests
- Resume (PDF)

If you have questions, send an email to ARMY-RDECOM@orise.orau.gov. Please list the reference code of this opportunity DEVCOM-CBC-2024-0008-F 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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experience and beyond!

- Eligibility**
- Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Doctoral Degree received within the last 240 month(s).
 - **Discipline(s):**
 - **Chemistry and Materials Sciences** ([12](#) 👁)
 - **Engineering** ([6](#) 👁)
 - **Environmental and Marine Sciences** ([1](#) 👁)
 - **Veteran Status:** Veterans Preference, degree received within the last 240 month(s).

Affirmation I affirm that I am a current faculty member at an accredited higher education institution.