Opportunity Title: Research Development Assessment Internship
Opportunity Reference Code: DEVCOM-DAC-2024-0001

Organization U.S. Department of Defense (DOD)

Reference Code DEVCOM-DAC-2024-0001

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

Description The U.S. Army Combat Capabilities Development Command (DEVCOM) Analysis Center (DAC) is offering an internship at Aberdeen Proving Ground, Maryland.

What will I be doing?

As an Oak Ridge Institute for Science and Education (ORISE) participant, you will join a community of scientists and researchers in an effort to provide a comprehensive, integrative view of human capabilities and limitations for system definition, design, development, and evaluation to promote effective human-machine integration for optimal system performance. This research is supported by the U.S. Special Operations Command (USSOCOM) Chemical Weapons of Mass Destruction (CWMD) Research, Development, Acquisition, Experiment (RDAX) Dragon Spear 24 (USSOCOM CWMD RDAX Dragon Spear 24).

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. Along the way, you will engage in activities and research in several areas. These include, but are not limited to:

- Assessing, analyzing, documenting, and reporting the form, fit, and function of emerging CWMD capability concepts, models, prototypes, as well as mature CWMD technologies
- Evaluating technologies for SOF CWMD applications based on the consolidation of Warfighter performance and feedback to inform USSOCOM CWMD future resourcing and capability development priorities
- Learning the data collection process and Warfighter participation
- Collecting systems and human performance data for the USSOCOM CWMD RDAX Dragon Spear 24
- Engaging in continuous Human Factors Engineering/Human Systems Integration (HFE/HSI) support to RDAX Dragon Spear 24
- Collaborate with the USSOCOM CWMD RDAX Dragon Spear 24 POC
- Participating as needed in all HFE/HSI processes (e.g., data collection/consolidation, focus-group session, analyses matrix development, and test plan review).
- Studying Warfighter participation throughout the duration of the experiment.
- Observing Warfighters' assessments of technologies for USSOCOM CWMD applications
- Participating in on-the-ground IPTs, WGs, and test facility meetings

In addition, as the selected candidate, this may lead to an opportunity to utilize a portion of the data to develop a student-related project

Where will I be located? Perry, Georgia

What is the anticipated start date?

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

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What is the appointment length?

This appointment is a two-week 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 $2500.00 for this appointment. The stipend to be determined by DEVCOM-DAC and are typically based on a participant's academic standing, discipline, experience, and research facility location. Other benefits may include the following:

- Dislocation allowance

About DEVCOM-DAC

The Combat Capabilities Development Command (DEVCOM) Analysis Center (DAC) is an Army Futures Command organization that conducts a variety of critical analyses to provide state-of-the-art analytical solutions to senior level Army and Department of Defense officials. The Analysis Center's responsive systems analysis supports the equipping and sustaining of weapons and materiel for our Soldiers in the field as well as our Future Army Force.

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 currently pursuing a bachelor's or master's degree in an Engineering discipline listed in the eligibility section.

- Preferred applicants are current students at Morgan State University in Baltimore, Maryland
- A valid driver's license is required

Highly competitive applicants will have completed or enrolled in coursework related to one or more of the following:

- Advanced Product Design
- Engineering Design Process
- Engineering Experimental Design
- Ergonomics and Human Factors
- Ergonomics and Workplace Design
- Human Performance Engineering
- IE Product Design
- Introduction to Advanced Systems Engineering
- Introduction to Systems Engineering and Analysis

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- Probability and Statistics for Engineers I
- Probability and Statistics for Engineers II
- Programming for Industrial Engineering Applications
- Systems Engineering & Analysis

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 - Please upload a copy of a transcript for your current or most recent degree program that meets the disciplinary qualifications of the opportunity. Click here for detailed information about acceptable transcripts.
- One Recommendation. We encourage you to contact your recommender(s) as soon as you start your application to ensure they are able to complete the recommendation form and to let them know to expect a message from Zintellect. Recommenders will be asked to rate your scientific capabilities, personal characteristics, and describe how they know you. You can always log back in to your Zintellect account and check the status of your application.

If you have questions, send an email to ARMY@orise.orau.gov. Please list the reference code of this opportunity [DEVCOM-DAC-2024-0001] 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.

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!

Point of Contact Richard

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Currently pursuing a Bachelor's Degree or Master's Degree.
- **Minimum Overall GPA:** 2.80
- **Discipline(s):**
  - **Engineering** (13 👁)
- **Age:** Must be 18 years of age