Opportunity Title: Data Management and Handling Project Fellow - Master's level
Opportunity Reference Code: DTRA-2024-0001

Organization	U.S. Department of Defense (DOD)
Reference Code	DTRA-2024-0001
How to Apply	Click on *Apply* at the bottom of the opportunity to start your application.
Description	The Test and Assessment Department of the Research and Development Directorate for the Defense Threat Reduction Agency (DTRA) is offering a master's level internship opportunity in computer systems design, computer science, and database information.

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What will I be doing and why should I apply?

As an ORISE participant, you will join a community of scientists and researchers, engaging in planning and accomplishing research projects in the Test and Assessment Department of the Research and Development Directorate at DTRA. As a department, 200 terabytes of data are generated each year that need to be stored in a safe manner and accessible for data analysis by multiple organizations. This research project includes designing a mechanism to retrieve 2 petabytes of historical test data and making it available to the database. Under the guidance of a mentor, you will engage in activities and research in several areas, including:

- Developing a system of hardware and software to handle data generated during field test of various counter Weapons of Mass Destruction Research and Development projects.
- Collaborating across DTRA departments to build a system that collects the data in an unclassified and classified environment.
- Planning, designing and implementing the data management and handling system.

Where will I be located?

Albuquerque, New Mexico

What is the anticipated start date?

The Test and Assessment Department of the Research and Development Directorate for DTRA 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.
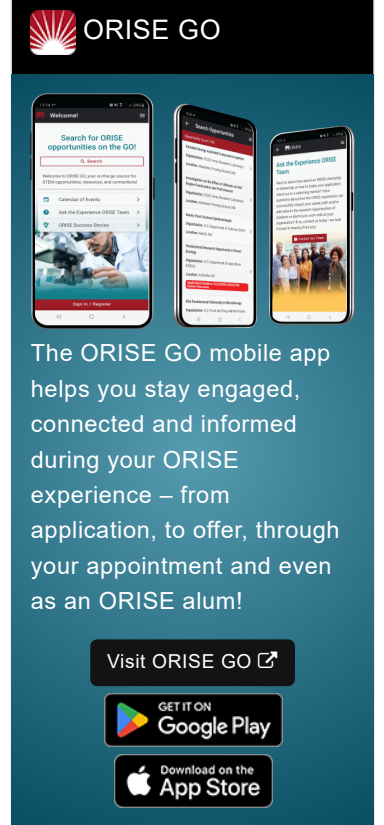
What is the appointment length?

This appointment is a full-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 benefits?

You will receive a stipend to be determined by DTRA. Stipends are typically based on a participant's academic standing, discipline, experience, and research facility location. The anticipated stipend range for this opportunity is $5400-$5800 per month based on full time participation.

Other benefits may include the following:

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

- Training and Travel Allowance

About DTRA

DTRA provides cross-cutting solutions to enable the Department of Defense, the United States Government, and international partners to deter strategic attack against the United States and its allies; prevent, reduce, and counter WMD and emerging threats; and prevail against WMD-armed adversaries in crisis and conflict. The Research and Development Directorate provides science, technology, and capability development investments that maintain the U.S. military's technological superiority in countering weapons of mass destruction & emerging threats, mitigate the risks of technical surprise, and respond to the warfighters' urgent technical requirements. For more information about the DTRA, please visit https://www.dtra.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 will have an earned Master's degree in Computer, Information and Data Sciences within the past 60 months or are expected to earn a master's degree in one of these disciplines by June 1, 2024

- Minimum GPA of 3.0 is required.
- Must be able to obtain and hold a security clearance and pass random drug screening.
- Candidates who are currently students or graduates of an HBCU or MSI are encouraged to apply.

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.
- Two Recommendations- Your application will be considered incomplete until the recommendations are submitted. We encourage you to contact your recommender 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. The recommender 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 **orisedod@orise.orau.gov**. Please list the reference code of this opportunity DTRA-2024-0001 in the subject line of the email.

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Eligibility Requirements	**Citizenship:** U.S. Citizen Only **Degree:** Master's Degree received within the last 60 months or anticipated to be received by 6/1/2024 11:59:00 PM. **Overall GPA:** 3.00 **Discipline(s):** **Computer, Information, and Data Sciences** (17 👁) **Veteran Status:** Veterans Preference, degree received within the last 120 month(s).