

Opportunity Title: USAFSAM Mixed-Methods Research Fellowship in Educational Delivery Models

Opportunity Reference Code: USAFSAM-2024-0002

Organization U.S. Department of Defense (DOD)

Reference Code USAFSAM-2024-0002

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

Description Aerospace Medicine Studies and Analysis Support Branch at the U.S. Air Force School of Aerospace Medicine (USAFSAM), in the 711th Human Performance Wing of the Air Force Research Laboratory (AFRL) is offering a research fellowship for those who are currently enrolled in a Master's or Doctoral degree program or a graduate of such a program.

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 determine if perceptions of connectedness and learning increased across gender groups by using descriptive statistics such as the mode and median to make comparisons of pre/post course submissions of the Rovai Classroom Community Scale in the "Educational Delivery Models and Perceived Participant Connection" study. A two-way ANOVA will also be used to make comparisons across the three instructional delivery models. Thematic analysis of the post-participation interview transcripts will add additional insight into potential differences in the experiences of all genders represented in the cohorts.

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,

- Conducting qualitative interviews of participants in AFRL leadership/supervisor development programs
- Analyzing the qualitative data generated as well as existing quantitative data sets
- Drafting and presenting research results as part of the research team
- Gaining experience in research project management as you interact with both internal and external team members

Where will I be located?

Remote participation is optional. On-site: Beavercreek, Ohio

What is the anticipated start date?

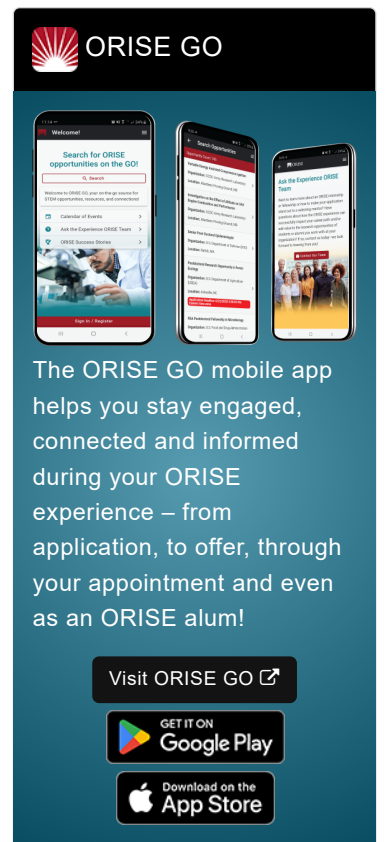
Exact start dates will be determined at the time of selection and in coordination with the selected candidate. Applications are reviewed on an ongoing basis and internships will be filled as qualified candidates are identified.

What is the appointment length?

This appointment is a 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 USAFSAM. Stipends are typically based on a participant's academic standing, discipline, experience, and research facility location. Other



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benefits may include the following:

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

About USAFSAM

The 711th Human Performance Wing (711 HPW), headquartered at Wright-Patterson Air Force Base in Ohio, is the first human-centric warfare wing to consolidate human performance research, education, and consultation under a single organization. Established under the Air Force Research Laboratory (AFRL), the 711 HPW is comprised of the Airman Systems Directorate (RH) and the United States Air Force School of Aerospace Medicine (USAFSAM). For more information about the Air Force Research Laboratory, 711 Human Performance Wing, Airman Systems Directorate, Airman Biosciences Division, please visit <https://afresearchlab.com/>.

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 either be currently enrolled in a Master's or Doctoral degree program or a graduate of such a program within the last 5 years. Preferred fields of study include Social and Behavioral Sciences, Leadership, Organizational Development, Education, Business, Statistics, or a related field from an accredited institution of higher education.

Highly competitive applicants will have one or more of the following:

- Graduate or post-graduate experience in mixed-method research approaches
- Excellent management and communication skills
- Experience in presenting complex data and information to a variety of audiences

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

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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 airforce@orise.orau.gov. Please list the reference code of this opportunity USAFSAM-2024-0002 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:** Master's Degree or Doctoral Degree received within the last 60 months or anticipated to be received by 5/31/2027 12:00:00 AM.
 - **Discipline(s):**
 - **Business** ([5](#))
 - **Communications and Graphics Design** ([1](#))
 - **Computer, Information, and Data Sciences** ([3](#))
 - **Engineering** ([4](#))
 - **Mathematics and Statistics** ([11](#))
 - **Other Non-Science & Engineering** ([1](#))
 - **Social and Behavioral Sciences** ([11](#))