

Opportunity Title: Clinical Research Internship, CSTARS Cincinnati

Opportunity Reference Code: USAFSAM-2024-0005R

Organization U.S. Department of Defense (DOD)

Reference Code USAFSAM-2024-0005R

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

Description The Aerospace Medicine Studies and Analysis Support Branch of the U.S. Air Force School of Aerospace Medicine (USAFSAM) is seeking a clinical research intern.

What will I be doing?

As an Oak Ridge Institute for Science and Education (ORISE) intern, you will participate in an effort to develop programmatic algorithms to analyze Zoll monitor data over time, frequency of out-of-range, and trends of these compliance deficiencies that could be provided in real-time during Critical Care Air Transport (CCAT) Advanced validation simulations and systematically to inform the training curriculum and clinical practice guidelines. Current CCAT Advanced validation simulations do not have the means to assess team compliance with Clinical Practice Guidelines in real-time to provide more effective performance feedback, identify trends that can influence the training curriculum, and inform the Joint Trauma System (JTS) for consideration for updates, edits, or changes to relevant CPGs. While continuous vital sign monitoring is usual practice, hemodynamic data from patient monitors are only sometimes captured in current training, clinical, or quality improvement enroute critical care (ERCC) practices. We hypothesize that providing near real-time physiologic data of simulated patients during training will provide valuable training feedback for teams.


Why should I apply?

In this appointment you will develop technical support skills and assist the Principal Investigator and study team while under the direct supervision of senior research staff. 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 engage in activities such as the following:

- Collaborate with instructors and researchers during clinical study activities
- Study the collection, processing, and storage of research data.
- Coordinate with project team and other professionals, participate in project meetings, meeting documentation, and related follow-up
- Support the analysis of documents and applications, development of project timelines, tracking progress toward project milestones, and reporting of results
- Learn about contract administration, budget, change orders, and project close-out
- Experience all aspects of project coordination, documentation, and stakeholder goals

Where will I be located?

Cincinnati, Ohio

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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 fellowships will be filled as qualified candidates are identified.

What is the appointment length?

This appointment is a twelve-month research appointment at a part-time level of participation. 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 USAFSAM. 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 USAFSAM

The 711th Human Performance Wing (711 HPW) is a unique combination of three units: the Airman Systems Directorate (RH), the US Air Force School of Aerospace Medicine (USAFSAM) and the Human Systems Integration Directorate (HP). USAFSAM is the premier institute for research, education, and worldwide operational consultation in Aerospace Medicine. USAFSAM has guided the advancement of aerospace medicine and human performance from the beginnings of aviation through the onset of the space age and into the present, and is the oldest continually operating institution of its kind. It is also host to the largest aeromedical library in the world.

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 received a high school diploma or received or currently pursuing an associate's or undergraduate degree in healthcare or a related field within the past 5 years.

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

- Two years of related experience
- Good organizational and problem-solving skills
- Excellent interpersonal, written, and verbal communication skills.

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- Willing and able to adhere to flex schedules as needed, including weekend hours
- One year of experience in research setting
- Proficiency in personal computers and various software/database applications (Microsoft Office Suite)

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 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 AIRFORCE@orise.orau.gov. Please list the reference code of this opportunity USAFSAM-2024-0005 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:** High School Diploma/GED, Associate's Degree, or Bachelor's Degree received within the last 60 months or currently pursuing.
 - **Discipline(s):**
 - **Business** (2👁)
 - **Communications and Graphics Design** (1👁)
 - **Computer, Information, and Data Sciences** (4👁)
 - **Life Health and Medical Sciences** (8👁)
 - **Other Non-Science & Engineering** (1👁)
 - **Age:** Must be 18 years of age

Affirmation I affirm that I have earned a high school degree or GED at the time of application.