

Opportunity Title: Medical Evacuation Engineering Research Internship

Opportunity Reference Code: MRDC-AARL-2026-0001

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 U.S. Army Aeromedical Research Laboratory (USAARL), located at Fort Rucker, Alabama, aims to deliver aeromedical innovation and solutions – using rigorous research, advanced testing, and multidisciplinary collaboration – to set standards and design systems that save lives and optimize Warfighter performance. USAARL research focuses on the en route care environment, warfighter performance, and injury biomechanics and protection.

What will I be doing and why should I apply?

This opportunity is for a post-bachelor's or post-master's candidate who will participate in research projects within the Patient and Casualty Evacuation Research (PACER) group at USAARL. PACER aims to protect patients during medical evacuation transport by studying the effects of the transport environment, reduction of vehicle vibration, improvement of immobilization techniques, and testing novel technologies for medical evacuation applications. The group also examines ways to increase medical provider performance by studying provider workload, task saturation, enhanced patient awareness, occupational injury prevention, and medical interior design enhancements. PACER partners with other Army organizations to explore autonomous patient care and transport of patients on non-traditional platforms, such as unmanned aircraft/ground systems

As the selected candidate and under the guidance of a mentor, you will gain experience investigating novel technologies that will enhance flight medics' ability to attend to patients in the medical evacuation (MEDEVAC) aircraft. You will engage in studies for future Army MEDEVAC and/or casualty evacuation platforms, and you will participate in research activities associated with the performance of care givers in the en route care environment.

Where will I be located?

On-site at Fort Rucker, AL

What is the anticipated start date?

The USAARL 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.

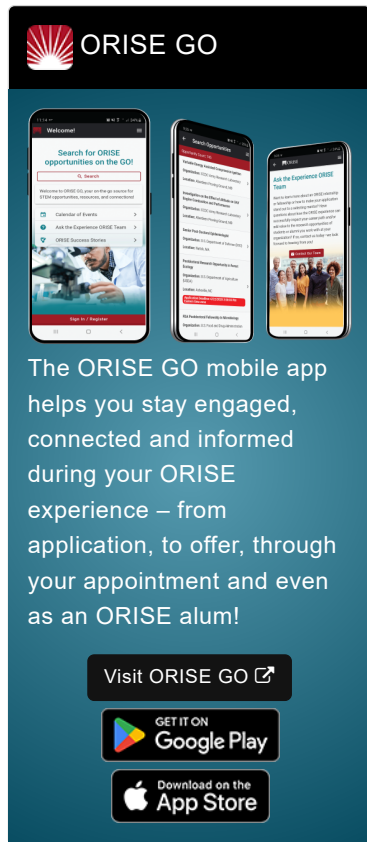
What is the appointment length?

The anticipated length of the appointment is for one year. The appointment may be extended for additional years depending on funding availability, project assignment, program rules, and availability of the participant.

What are the appointment provisions?

The stipend range for this opportunity is between \$55,000-\$65,000 per year and will be determined by USAARL. 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*)



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- *Relocation Allowance*
- *Training and Travel Allowance*

Security Clearance

While participants will not enter into an employment relationship with DoD or any other agency, this opportunity will require the selected candidate undergo a background investigation and must obtain a favorable clearance in order to participate. An interim clearance is required prior to the candidate starting his/her appointment.

About USAARL

The U.S. Army Aeromedical Research Laboratory (USAARL) located at Fort Rucker, Alabama, is a nationally recognized laboratory for research into safety, survival, impact tolerance, sustainability and performance effectiveness of aviators and Soldiers. The USAARL's research focuses on blunt, blast and accelerative injury and protection; crew survival in military helicopters and combat vehicles; the en route care environment; human operator health and performance in complex systems and sensory performance, injury and protection. The Laboratory's highly skilled workforce consists of rated aviators, medical professionals, doctoral- and masters-level researchers, and research technicians. Visit [USAARL: United States Army Aeromedical Research Laboratory](#) to learn more about USAARL.

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 a BS or MS in engineering, bioengineering/biomedical engineering, biological/biosystems engineering, or other eligible engineering discipline. Degree must have been received within 60 months of the appointment start date.

Preferred skills:

- Highly capable with Microsoft Office products
- Demonstrated knowledge of test measurement instruments, e.g., multi-meters, cameras, thermometers, sensors

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)

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- 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. We encourage you to contact your recommenders 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-MRMC@orise.orau.gov. Please list the reference code of this opportunity [MRDC-AARL-2026-0001] 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.

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Stipend \$55,000.00 – \$65,000.00 Yearly

Point of Contact [Kimberly](#)

Eligibility • **Citizenship:** U.S. Citizen Only

- Requirements**
- **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
 - **Minimum Overall GPA:** 3.00
 - **Discipline(s):**
 - **Engineering** ([9](#) )
 - **Age:** Must be 18 years of age