Opportunity Title: Post-Graduate Electrical Engineer
Opportunity Reference Code: MRMC-AARL-2019-0009

Organization	U.S. Department of Defense (DOD)
Reference Code	MRMC-AARL-2019-0009
How to Apply	Components of the online application are as follows:

- Profile Information
- Educational and Employment History
- Essay Questions (goals, experiences, and skills relevant to the opportunity)
- Resume (PDF)
- Transcripts/Academic Records - Click here for detailed information about acceptable transcripts
- Recommendation

Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blanked out, blackened out, made illegible, etc.) prior to uploading into the application system.

If you have questions, send an email to ARMY-MRMC@orise.orau.gov. Please list the reference code of this opportunity in the subject line of the email.

All documents must be in English or include an official English translation.

Description

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. Current USAARL work for the Army's modernization priorities includes research in the areas of future vertical lift, the next generation combat vehicle and directed-energy weapons. The Laboratory's highly skilled workforce consists of rated aviators, medical professionals, doctoral- and masters-level researchers, and research technicians. Visit https://www.usaarl.army.mil/ to learn more about USAARL.

The participant will learn how to conduct Electromagnetic Interference Testing (EMI) for medical items being tested and evaluated for use on-board Army rotary-wing aircraft. The participant will help Test Managers execute airworthiness testing for carry-on medical items and will summarize findings in written reports. The participant will also gain experience in the design and development of airborne instrumentation systems and video systems.

The selected candidate will 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.

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.

Participant Benefits

Participants will receive a stipend to be determined by USAARL. Stipends are typically based on the 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

Nature of Appointment

The participant will not enter into an employee/employer relationship with ORISE, ORAU, DOD, or any other office or agency. Instead, the participant will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment.

While participants will not enter into an employment relationship with DOD or any other agency, this opportunity will require a suitability investigation/background investigation. Any offer made is considered tentative pending favorable outcome of the investigation.

Qualifications

- B.S. or M.S. in Electrical Engineering
- Strong experience with Microsoft Office software (MS Word, MS Excel, MS PowerPoint) desired
- Experience with CAD software and MATLAB is a plus

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Bachelor's Degree or Master's Degree received within the last 60 months or currently pursuing.
- **Overall GPA:** 2.50
- **Discipline(s):**
  - **Computer, Information, and Data Sciences** (16 👁)
  - **Engineering** (27 👁)
- **Age:** Must be 18 years of age