

Opportunity Title: Engineering Research Assistant for Sensory Systems Development

Opportunity Reference Code: AFRL711HPW-2020-0006

Organization U.S. Department of Defense (DOD)

Reference Code AFRL711HPW-2020-0006

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 - 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.](#)
- One 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 AIRFORCE@orise.orau.gov. Please list the reference code of this opportunity in the subject line of the email.

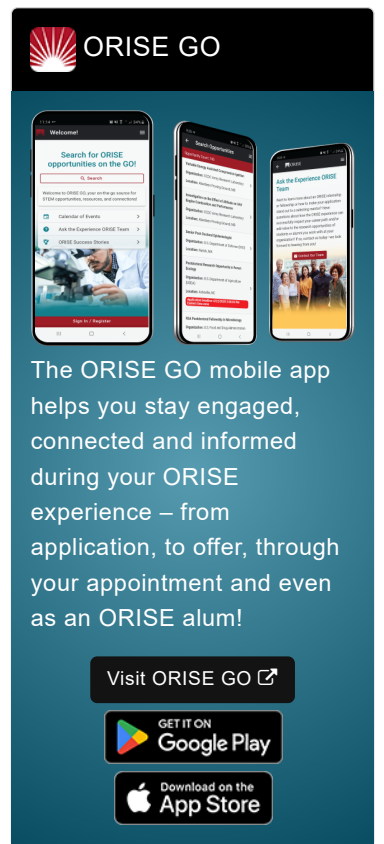
All documents must be in English or include an official English translation.

Letter of Recommendation: While a letter of recommendation is not required to be considered, applicants are required to provide contact information for one recommendation in order to submit the application. Applicants are encouraged to request a letter of recommendation before submission as this may help reviewers have a better understanding of the applicant's qualifications and interests. If selected, a letter recommendation must be submitted on your behalf upon acceptance of the appointment.

Description The Sensory Systems Branch is part of the Air Force Research Laboratory at Wright-Patterson Air Force Base in Dayton, OH. The Sensory Systems Branch leads the discovery, evaluation, and transition of revolutionary communication and display technologies that optimize warfighters' tactical and strategic decision making, survivability, and lethality across the full range of battlespace environments. The project will focus on compiling, processing, and analyzing engineering and design data to ensure adequate literature research and documentation of technical projects. Special emphasis will be put on the production of technical documentation for securing Air Force intellectual property rights. The participant will gain practical experience working with a multidisciplinary team of scientists and engineers to explain and document complex state-of-the-art technology, practice technical writing skills, and learn to evaluate the patent-ability of novel technical projects.

For more information, please visit: <https://www.wpafb.af.mil/afrl/711hpw/rh/>.

Appointment Length



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This appointment is a nine 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 AFRL. Stipends are typically based on the participant's academic standing, discipline, experience, and research facility location. Other 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 Education and/or experience equivalent to bachelors degree in engineering, or other related field of science. Broad knowledge involving research techniques, technical writing, and project management are preferred.

- Eligibility Requirements**

- **Citizenship:** U.S. Citizen Only
 - **Degree:** Bachelor's Degree received within the last 12 months or currently pursuing.
 - **Discipline(s):**
 - **Chemistry and Materials Sciences** ([12](#) )
 - **Communications and Graphics Design** ([2](#) )
 - **Computer, Information, and Data Sciences** ([16](#) )
 - **Earth and Geosciences** ([21](#) )
 - **Engineering** ([27](#) )
 - **Environmental and Marine Sciences** ([14](#) )
 - **Life Health and Medical Sciences** ([45](#) )
 - **Mathematics and Statistics** ([10](#) )
 - **Other Non-Science & Engineering** ([2](#) )
 - **Physics** ([16](#) )
 - **Science & Engineering-related** ([1](#) )
 - **Social and Behavioral Sciences** ([27](#) )