

**Opportunity Title:** Air Force Research Laboratory (AFRL) - Biomedical Research

Intern

**Opportunity Reference Code:** AFRL-711HPW-2021-0006

**Organization** U.S. Department of Defense (DOD)

**Reference Code** AFRL-711HPW-2021-0006

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

**Description** The U.S. Air Force Research Laboratory (AFRL) is offering student internships at the Wright-Patterson Air Force Base.

**What will I be doing?**

As an ORISE participant, you will join a community of scientists and researchers in an effort to collect, analyze, and populate a U.S. Air Force (USAF) maintained ejection database with manikin live ejection test data, high speed video, and reports to allow access of the information across the Department of Defense (DoD).

**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.

You will participate in a USAF maintained rocket sled ejection database project with manikin live ejection test data and high speed video, incorporating training related to your current degree and curriculum. You will gain experience in various areas including data analysis techniques, injury assessment, data interpretation and signal processing. Additional data analysis may also occur for other relevant human physiologic signal data-sets obtained within the biodynamics section as well.

**Where will I be located?**

Dayton, Ohio

**What is the anticipated start date?**

AFRL 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 will be filled as qualified candidates are identified.

**What is the appointment length?**

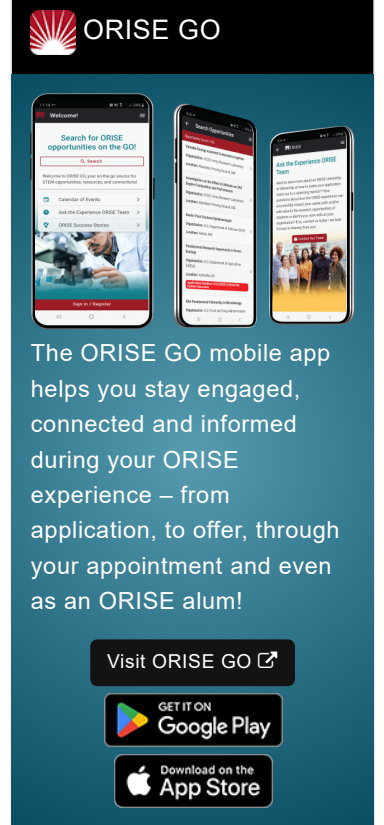
This appointment is a one month research appointment, with the possibility to be renewed for additional research periods. Appointments may be extended depending on funding availability, project assignment, program rules, and availability of the participant.

**What are the benefits?**

You will receive a stipend to be determined by AFRL. Stipends are typically based on a 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

**About AFRL 711 HPW**



**ORISE GO**

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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, 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 711th Human Performance Wing, 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 should currently be pursuing a bachelor's degree or master's degree in a STEM related field.

**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 - 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

If you have questions, send an email to [AIRFORCE@orise.orau.gov](mailto:AIRFORCE@orise.orau.gov). Please list the reference code of this opportunity [AFRL-711HPW-2021-0006] in the subject line of the email.

**Connect with ORISE...on the GO!** Download the new ORISE GO mobile app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

**Eligibility Requirements**

- **Citizenship:** U.S. Citizen Only
- **Degree:** Currently pursuing a Bachelor's Degree or Master's Degree.
- **Discipline(s):**
  - **Engineering** ([27](#) 👁)
  - **Life Health and Medical Sciences** ([46](#) 👁)