

**Opportunity Title:** AFRL Research Internship - Software Engineering for Clinical Decision Support  
**Opportunity Reference Code:** AFRL-711HPW-2026-0002

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

**Reference Code** AFRL-711HPW-2026-0002

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

**Description** The Air Force Research Laboratory is offering a research internship at Wright Patterson Air Force Base, Ohio.

**What will I be doing?**

As an Oak Ridge Institute for Science and Education (ORISE) participant, you will join a community of scientists and researchers in an effort to support the integration of a Clinical Decision Support (CDS) library into the Bios medical documentation platform, a critical tool for U.S. Air Force Aeromedical Evacuation (AE) medical crews. The goal of the project is to embed interactive software algorithms, derived from Aeromedical Evacuation Clinical Protocols (AECPs), directly into the provider's workflow to reduce cognitive load and improve patient safety in demanding environments.

**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. These include, but are not limited to:

- Participate in direct integration of the CDS library into the Bios platform
- Gain applied experience in software validation, ensuring CDS features are successfully and reliably incorporated into the final tool used by medics
- Learn from engineering and clinical teams about the critical research and mission support activities conducted at AFRL

**Where will I be located?**

Dayton, Ohio

**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 internships or fellowships will be filled as qualified candidates are identified.

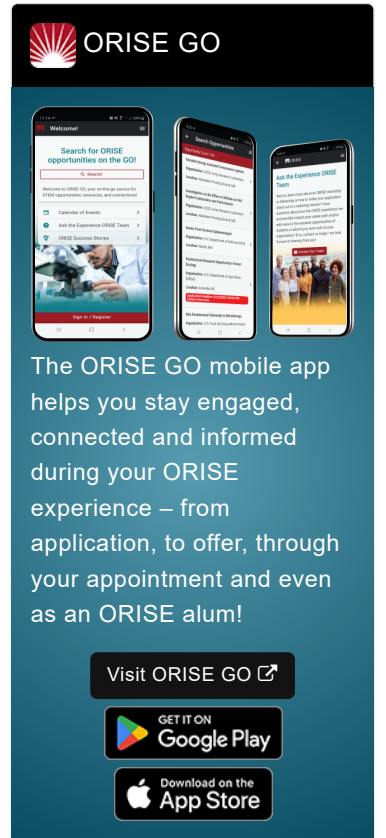
**What is the appointment length?**

This appointment is a six-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 provisions?**

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 provisions may include the following:

- Health Insurance Supplement (*Participants are eligible to purchase health insurance through*



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ORISE)

- Relocation Allowance
- Training and Travel Allowance

#### **About AFRL**

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 (AFRL), 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 Air Force Research Laboratory, 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 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 has received or is currently pursuing a STEM related degree. Degree holders must have earned the degree within 5 years of the appointment start date.

Highly competitive applicants will have education and/or experience in one or more of the following:

- Experience in reviewing software documentation and integration testing
- Ability to obtain common access card to support research activities

#### **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(s) 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](mailto:AIRFORCE@orise.orau.gov). Please list the reference code

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of this opportunity [AFRL-711HPW-2026-0002] 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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**Point of Contact** [Leslie](#)

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
  - **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 60 months or anticipated to be received by 6/30/2026 12:00:00 AM.
  - **Discipline(s):**
    - **Computer, Information, and Data Sciences** ([17](#) 👁)
    - **Engineering** ([29](#) 👁)
    - **Mathematics and Statistics** ([11](#) 👁)
    - **Physics** ([16](#) 👁)