

Opportunity Title: Post Master's Epidemiology Field Support at USAFSAM

Opportunity Reference Code: AFSAM-2021-0005R

Organization U.S. Department of Defense (DOD)

Reference Code AFSAM-2021-0005R

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

Description The Epidemiology Consult Service/Public Health and Preventative Medicine Department at the U.S. Air Force School of Aerospace Medicine (USAFSAM), in the 711th Human Performance Wing of the Air Force Research Laboratory (AFRL), is offering a post-Master's level internship.

What will I be doing?

As an ORISE participant, you will join a community of scientists and researchers in an effort to gain experience in basic and advanced concepts of epidemiology, study design, statistical analysis, disease surveillance, outbreak investigations, and other relevant concepts related to the practice of public health. In addition, you may have the opportunity to expand your knowledge in the areas of food protection, medical entomology, as well as leadership concepts in an Air Force specific environment through rotations in other sections of the Division of Epidemiology.

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,

- Conducting statistical and epidemiological studies and analysis for medical event surveillance and research involving USAF populations. In addition, you may respond to outbreaks and respond to consults and data requests.
- Conducting epidemiological surveillance of diseases that may affect Air Force personnel at home or deployed around the world.
- Conducting epidemiological studies in response to spikes of disease, e.g. cancer clusters, foodborne outbreaks, communicable disease outbreaks, etc.
- Analyzing health data to identify populations at risk, treatment effectiveness, program effectiveness, etc.
- Analyzing data on reportable diseases.
- Opportunities to publish reports, journal articles, and conduct professional presentations.

Where will I be located?

Dayton, Ohio

What is the anticipated start date?

USAFSAM is ready to fill this appointment 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



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internships will be filled as qualified candidates are identified.

What is the appointment length?

Appointments are initially for one year with the option to extend the appointment for up to four additional years, contingent upon project needs and funding availability.

What are the benefits?

You will receive a stipend to be determined by USAFSAM. 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 USAFSAM

The 711th Human Performance Wing (711 HPW) is a unique combination of two units: the Airman Systems Directorate (RH) and the U.S. Air Force School of Aerospace Medicine (USAFSAM). USAFSAM is the premier institute for research, education, and worldwide operational consultation in Aerospace Medicine. USAFSAM has guided the advancement of aerospace medicine and human performance from the beginnings of aviation through the onset of the space age and into the present, and is the oldest continually operating institution of its kind. It is also host to the largest aeromedical library in the world. For more information about USAFSAM, please visit <https://www.wpafb.af.mil/afri/711hpw/USAFSAM/>.

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 completed, or expects to have completed by December 31, 2021, a master's degree in public health (MPH), epidemiology, biostatistics, or a related discipline. Degree must have been received within five years of the appointment start date. U.S. military veterans who have been honorably discharged (or who have been medically discharged because of a service-connected disability) and who received a master's degree within ten years of the desired start date are

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also eligible.

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

- Familiarity with statistical analysis software programs such as SAS, STATA, R, or equivalent.
- Working knowledge of Microsoft Office programs such as Word, Excel, PowerPoint, and Outlook.
- Well-developed epidemiological concepts such as study selection, inclusion/exclusion criteria, questionnaire development, calculation of measures of association, etc.
- Ability to work in groups and individually.
- Working knowledge of communicable disease transmission, environmental health concepts, occupational health and chronic disease epidemiology.
- Publication experience is a plus.

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.](#)
- 3 Recommendations

If you have questions, send an email to AIRFORCE@orise.orau.gov. Please list the reference code of this opportunity [AFSAM-2021-0005R] 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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- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Master's Degree received within the last 60 months or anticipated to be received by 12/31/2021 11:59:00 PM.
 - **Discipline(s):**
 - **Life Health and Medical Sciences** ([2](#) )
 - **Mathematics and Statistics** ([1](#) )

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- **Veteran Status:** Veterans Preference, degree received within the last 120 month(s).