

**Opportunity Title:** Post-Doctoral Fellow Vestibular Science

**Opportunity Reference Code:** NAMRU-Dayton-2023-0010

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

**Reference Code** NAMRU-Dayton-2023-0010

**How to Apply** Click on *Apply* now to start your application.

**Description** Naval Medical Research Unit Dayton conducts research on environmental health effects and aerospace medicine, addressing health and performance challenges faced by service members in operational military environments.

**What will I be doing?**

Under the guidance of a mentor, the participant will have opportunities for hands-on experience through activities/projects in support of the vestibular research lab at NAMRU-Dayton and associated labs at The Ohio State University. With guidance from our senior vestibular scientist, you will gain hands-on experience operating state-of-the-art devices, including 6 degree of freedom motion bases, force plates, and virtual reality. Daily activities will include data collection, data analysis, assistance with the design and implementation of research, literature searches, and assistance with the generation of reports, presentations, and manuscripts.

You will also learn about multidisciplinary applied research and gain an understanding of the operational needs of the joint fleet, while supporting research in areas that are practicable and pertinent to the United States Navy. You will also have the opportunity to collaborate with various subject matter experts and attend conferences/scientific meetings.

**Why should I apply?**

This internship provides the opportunity to independently utilize your skills and engage with experts in innovative ideas to move the proposed research forward. There are multiple opportunities available to engage in your applied research and evaluation interests.

**Where will I be located?** Wright Patterson Air Force Base, Dayton, OH

**What is the anticipated start date?**

NAMRU-D is ready to make an appointment immediately. Exact start date will be determined at the time of selection and in coordination with the selected candidate.

**What is the length of the appointment?**

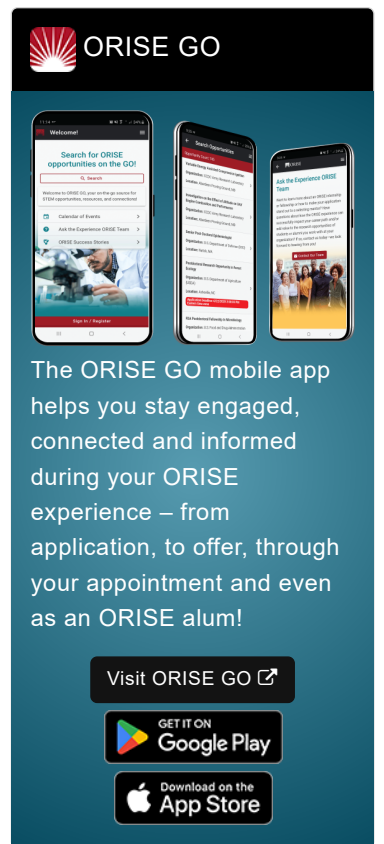
This ORISE appointment is a full-time, twelve-month internship. Appointments may be extended depending on funding availability, project assignment, program rules, and availability of the participant.

**What are the benefits?**

You will receive a stipend to be determined by NAMRU-D. 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

**About ORISE**



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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** PhD in a relevant field of study for the position (e.g., biomedical engineering, mechanical engineering, kinesiology, physiology, exercise science, movement sciences, biomechanics, human factors psychology, ergonomics, speech & hearing sciences, rehabilitation sciences).

Favorable Skills:

-Candidate should have experience with human subjects research design and experience, as well as interacting with human subjects. -

-Project management experience with respect to IRB preparation, maintaining regulatory compliance, and submission of funding agency progress reports is highly desired.

-Experience with relevant statistical software (SPSS, SAS, MPlus, MATLAB, R, STATA, etc.) is required.

-Experience with signal processing is desirable, and experience with data acquisition and instrument control is preferred.

#### **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 official 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. Your application will be considered incomplete and will not be reviewed until one recommendation is submitted. 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.

Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blacked out, blackened out, made illegible, etc.) prior to uploading into the application system. All documents must be in English or include an official English translation. If you have questions, send an email to [navy@orise.orau.gov](mailto:navy@orise.orau.gov). Please list the reference code of this opportunity 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

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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:** Doctoral Degree received within the last 60 months or currently pursuing.
  - **Discipline(s):**
    - **Chemistry and Materials Sciences** ([12](#))
    - **Communications and Graphics Design** ([2](#))
    - **Computer, Information, and Data Sciences** ([17](#))
    - **Earth and Geosciences** ([21](#))
    - **Engineering** ([27](#))
    - **Environmental and Marine Sciences** ([14](#))
    - **Life Health and Medical Sciences** ([48](#))
    - **Mathematics and Statistics** ([11](#))
    - **Physics** ([16](#))
    - **Science & Engineering-related** ([2](#))
    - **Social and Behavioral Sciences** ([28](#))