

**Opportunity Title:** Neurotoxicology/Neuroscience Undergraduate Researcher -  
Dayton, Ohio  
**Opportunity Reference Code:** NAMRU-Dayton-2021-0008

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

**Reference Code** NAMRU-Dayton-2021-0008

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

**Description** Naval Medical Research Unit Dayton (NAMRU) 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, you will participate in neurotoxicology and neuroscience research to examine the impacts of environmental exposures of organophosphates on locomotor and cognitive function. You will receive mentorship and training in basic research techniques in neuroanatomy including neurobehavior approaches, expanded microscopy methods as well as imaging software applications. Additionally, you will gain an understanding of the operational needs of the joint fleet while supporting research in areas that are pertinent to the United States Navy.

**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 part-time twelve month duration. Appointments may be extended depending on funding availability, project assignment, program rules, and availability of the participant

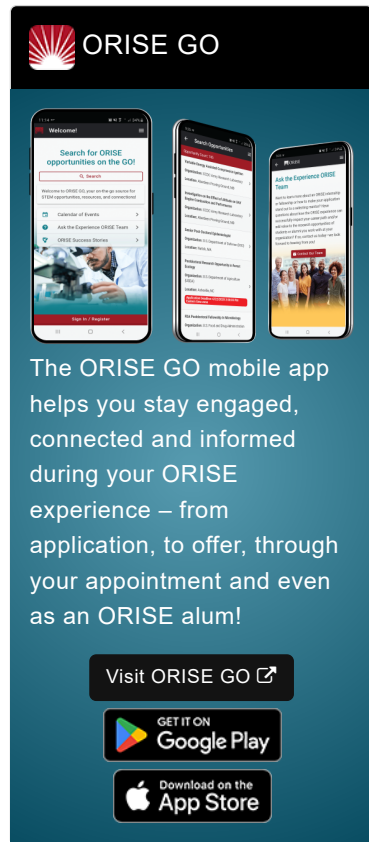
**What are the benefits?**

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


**Nature of Appointment**


You will 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.




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**Qualifications** You should be enrolled in a neuroscience undergraduate program with knowledge of basic neuroanatomy and neurophysiology. You should also have some experience/education in immunohistochemistry and confocal microscopy as well as general laboratory practices.





A complete application consists of:

- Zintellect profile
- Essay Questions - The application includes questions specific to the opportunity.
- 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.
- Current Resume/CV
- One (1) Recommendation - Applicants are required to provide contact information for at least one recommendation. You are encouraged to request a recommendation from a professional who can speak to your abilities and potential for success as well as your scientific capabilities and personal characteristics. Recommendation requests must be sent through the Zintellect application system. Recommenders will be asked to complete a recommendation in Zintellect. Letters of recommendation submitted via email will not be accepted.

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. 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 NAMRU-Dayton- 2021-0008 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** [Richard](#)

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|---------------------|---|
| <b>Eligibility</b>  | <ul style="list-style-type: none"><li>• <b>Citizenship:</b> U.S. Citizen Only</li></ul>   |
| <b>Requirements</b> | <ul style="list-style-type: none"><li>• <b>Degree:</b> Currently pursuing an Associate's Degree or Bachelor's Degree.</li><li>• <b>Discipline(s):</b><ul style="list-style-type: none"><li>◦ <b>Chemistry and Materials Sciences</b> (<a href="#">12</a> )</li><li>◦ <b>Life Health and Medical Sciences</b> (<a href="#">46</a> )</li><li>◦ <b>Physics</b> (<a href="#">16</a> )</li><li>◦ <b>Science &amp; Engineering-related</b> (<a href="#">1</a> )</li></ul></li></ul> |