

Opportunity Title: Research Fellowship for Heat Stroke Clinical Study at USARIEM

Opportunity Reference Code: USAMRDC-RIEM-2022-0031

Organization U.S. Department of Defense (DOD)

Reference Code USAMRDC-RIEM-2022-0031

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

Description The Fort Benning Heat Center, which is located as part of the ER at the Benning Martin Army Community Hospital (BMACH), is conducting a clinical study. This appointment will provide an opportunity to learn how heat strokes occur and are treated at a large military installation, train to isolate peripheral cells and process blood and cells for biomarker assessment. Heat stroke policy, education and best practices will be an important part of the learning process.

What will I be doing?

As a United States Army Research Institute of Environmental Medicine (USARIEM) participant, you will brief and consent heat stroke patients prior to sample collection, assist USARIEM researchers to ensure all protocol paperwork/logistics is maintained and reporting requirements are done in a timely manner. Under the guidance of a mentor, you will interact with study participants by assisting with all phases of data collection, to include blood samples and questionnaires. During this appointment, you will also have the opportunity to collaborate directly with the Director of the Heat Center, who is a military Research Physiologist that previously trained at USARIEM, allowing seamless communication between the organizations.

Where will I be located?

Fort Benning, Georgia

What is the anticipated start date?

USARIEM 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 fellowships 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 USARIEM. 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 USARIEM

[USARIEM](#) is an internationally recognized center of excellence for Warfighter health and performance research and focuses on environmental medicine, physiology, physical and cognitive



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performance, and nutrition research. The Thermal and Mountain Medicine Division (TMMD) conducts research to optimize and enhance physical and cognitive performance and prevent illness associated with military operations at environmental extremes, such as heat, cold, high terrestrial altitude and subterranean spaces. TMMD research supports physiological modeling and military materiel developers of clothing, equipment, food, and pharmaceuticals.

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 a Masters degree in biology, exercise science or a similar discipline, or expects to have received their degree by 1/31/2023. Degree must have been received within five years of the appointment start date.

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

- Some knowledge of military scientific practices and protocols (not necessarily related to heat stroke).
- Basic laboratory skills (pipetting, centrifugation of blood, ELISAs).
- Briefing and obtaining written informed consent from prospective study participants and maintaining study files.
- Familiarity with protections for human subjects research and HIPAA requirements.
- Excellent organizational skills, attention to detail, and sound skills in written and oral communication.

The successful applicant will be required to comply with Environmental, Safety and Health (ES&H) requirements of the host facility, including but not limited to COVID-19 requirements (e.g. facial covering, physical distancing, testing, vaccination).

Must be able to pass a Federal Background Check.

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)

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- 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. Your application will be considered incomplete and will not be reviewed until 3 recommendation(s) are submitted. We encourage you to contact your recommenders 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 ARMY-MRMC@orise.orau.gov. Please list the reference code of this opportunity [USAMRDC-RIEM-2022-0031] 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 1/31/2023 11:59:00 PM.
 - **Discipline(s):**
 - **Environmental and Marine Sciences** ([11](#) )
 - **Life Health and Medical Sciences** ([33](#) )
 - **Social and Behavioral Sciences** ([2](#) )
 - **Age:** Must be 18 years of age