

Opportunity Title: Formulation Chemist

Opportunity Reference Code: USAISR-2021-0085-ES

Organization U.S. Department of Defense (DOD)

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

Description The U.S. Army Institute of Surgical Research is offering an established scientist fellowship at Joint Base San Antonio, Texas.

What will I be doing?

As an ORISE participant, you will join a community of scientists and researchers in an effort to develop a combat wound healing foam dressing for temporizing burn wounds. USAISR is seeking an established scientist who is proficient in metal chemistry and has in-depth knowledge of formulations and manufacturing of foam dressing. The established scientist is expected to serve in a consulting role by providing preservation of knowledge in formulation and metal chemistry to assist the development of a combat antimicrobial foam dressing.

Where will I be located? San Antonio, Texas

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?

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 USAISR. Stipends are typically based on a participant's academic standing, discipline, experience, and research facility location. Other benefits may include the following:

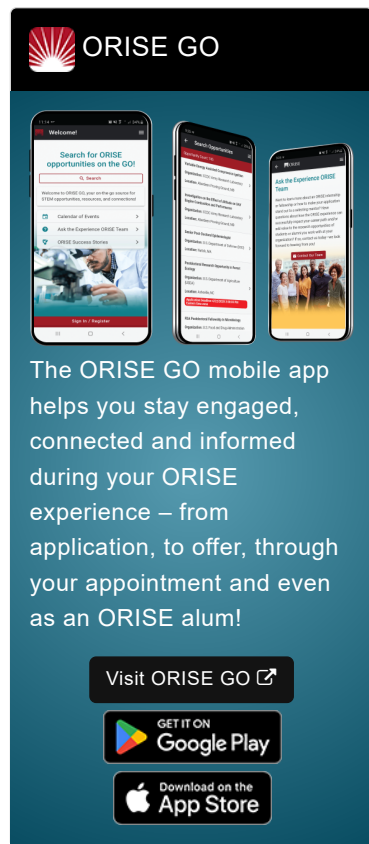
- Participants are eligible to purchase health insurance through ORISE
- Relocation Allowance
- Training and Travel Allowance

About USAISR

The research facilities include approximately 7,584 gross square feet of wet laboratory spaces and offices. The facilities possess the state-of-art equipment for conducting experiments in the areas of molecular biology; light, confocal, fluorescence, and electron microscopy; microbiology; histology; and formulations. Additionally, surgical facilities include six operating room suites, comprising a total of 1874 square feet, are available for conducting animal studies.

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



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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 doctoral degree.

The individual should be an established formulation and metal chemistry scientist who has been in the field of formulations and medical product development for >15 years. The candidate should demonstrate a track record of successful fabrication and development of prototype wound dressings.

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

- Knowledge in functionalizing the foam dressing with metal salts
- Understanding of the product development process at the industrial levels
- In-depth knowledge in wound dressing manufacturing at the industrial level

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](#).

If you have questions, send an email to ARMY-MRMC@orise.orau.gov. Please list the reference code of this opportunity USAISR-2021-0085-ES in the subject line of the email.

Connect with ORISE...on the GO! Download the new ORISE GO mobile app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

- Eligibility Requirements**
- **Degree:** Doctoral Degree.
 - **Discipline(s):**
 - **Chemistry and Materials Sciences** ([12](#) )
 - **Communications and Graphics Design** ([2](#) )
 - **Computer, Information, and Data Sciences** ([17](#) )
 - **Earth and Geosciences** ([21](#) )
 - **Engineering** ([27](#) )

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- **Environmental and Marine Sciences** ([14](#) )
- **Life Health and Medical Sciences** ([46](#) )
- **Mathematics and Statistics** ([10](#) )
- **Physics** ([16](#) )
- **Science & Engineering-related** ([1](#) )
- **Social and Behavioral Sciences** ([28](#) )