

**Opportunity Title:** Formulation Chemist - Doctoral - Institute of Surgical Research (ISR)

**Opportunity Reference Code:** USAISR-2021-0082

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

**Reference Code** USAISR-2021-0082

**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 a doctoral candidate level internship .

#### What will I be doing?

As an ORISE participant, you will join a community of scientists and researchers in an effort to promote wound healing.

The Combat Wound Healing Group at the US Army Institute of Surgical Research is seeking a part-time fellow in supporting the development and characterization of an antiscar patch for promoting wound healing, and reducing scarring in animal wound healing models. The developmental approach includes the incorporation of an antiscar drug additive into a polymeric matrix supported by a polyurethane backing layer for effective delivery of the drug additive to the wounds. The developmental effort also includes management of wound exudate.

#### What is the anticipated start date?

The desired start date is September 1, 2021; however, the 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?

This appointment is a twelve month research appointment, with the possibility to be renewed for additional research periods. 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 USAISR. Stipends are typically based on a participant's academic standing, discipline, experience, and research facility location. Other benefits may include the following:

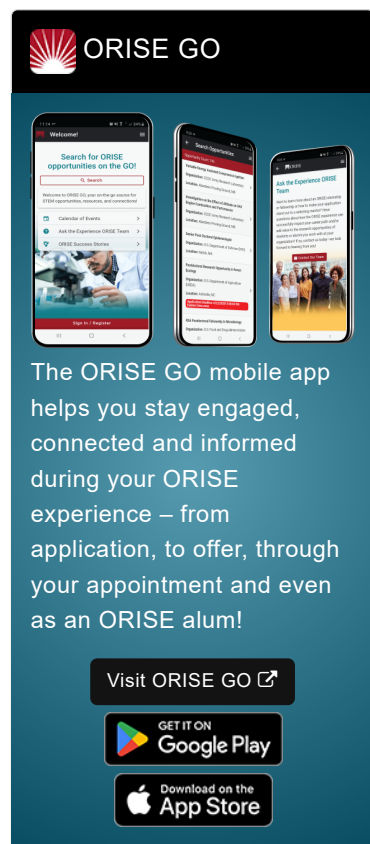
- Participants are eligible to purchase health insurance through ORISE
- Relocation Allowance
- Training and Travel Allowance

#### About USAISR

The U.S. Army Institute of Surgical Research is one of six research laboratories within the U.S. Army Medical Research and Materiel Command of the U.S. Army Medicine Command. The Institute is the Army's lead research laboratory for improving the care of combat casualties. The mission of the Institute is to "Optimize Combat Casualty Care".

#### 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



**ORISE GO**

The ORISE GO mobile app helps you stay engaged, connected and informed during your ORISE experience – from application, to offer, through your appointment and even as an ORISE alum!

Visit ORISE GO [↗](#)

GET IT ON  
**Google Play**

Download on the  
**App Store**

**Opportunity Title:** Formulation Chemist - Doctoral - Institute of Surgical Research (ISR)

**Opportunity Reference Code:** USAISR-2021-0082

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 preferred candidate will be currently pursuing a doctoral degree in one of the following disciplines:

- Bio-organic Chemistry
- Organic Chemistry
- Polymer Chemistry

**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](#).
- 1 Recommendation

If you have questions, send an email to [ARMY-MRMC@orise.orau.gov](mailto:ARMY-MRMC@orise.orau.gov). Please list the reference code of this opportunity USAISR-20221-0082 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**

- **Citizenship:** U.S. Citizen Only
- **Degree:** Doctoral Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**
  - **Chemistry and Materials Sciences** ([12](#) )