**Opportunity Title:** Statistician/Data Scientist Fellowship - Established Scientist
**Opportunity Reference Code:** USAISR-2023-0017-ES

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| **Organization** | U.S. Department of Defense (DOD) |
| **Reference Code** | USAISR-2023-0017-ES |
| **How to Apply** | Click on *Apply* at the bottom of the opportunity to start your application. |

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**Description**

The U.S. Army Institute of Surgical Research (USAISR) is offering an Established Scientist opportunity at JBSA Fort Sam Houston, Texas.

**What will I be doing?**

As an Oak Ridge Institute for Science and Education (ORISE) participant, you will join a community of scientists and researchers in an effort to apply principles of study design, data analysis, and clinical inference specific to conducting combat casualty care research.

**Why should I apply?**

Under the guidance of a mentor, you will gain hands-on experience to complement your education and support your academic and professional goals. Along the way, you will engage in activities and research in several areas. These include, but are not limited to,

- Applying statistical methods to biological processes in health research environment
- Developing relevant and testable trauma-related research questions and hypotheses
- Designing both animal and human research studies
- Analyzing data using a variety of statistical software programs (including but not limited to JMP, SigmaPlot, and GraphPad),
- Applying advanced statistical theories, techniques, and methods to human and animal research data
- Interpreting clinical research findings
- Preparing a variety of products including study protocols, abstracts, and peer-reviewed publications

**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 fellowships will be filled as qualified candidates are identified.
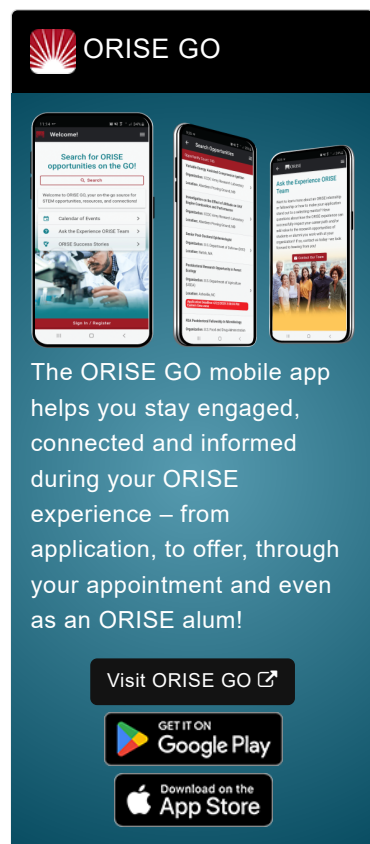
**What is the appointment length?**

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?**

Participants will receive a stipend to be determined by **USAISR.** Stipends are typically based on the 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 (USAISR) is one of six research laboratories within the U.S. Army Medical Research and Development Command of the U.S. Army Futures 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." For more information about USAISR: https://www.usaisr.amedd.army.mil.

**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 applicant should be an established scientist with a graduate degree in statistics, applied mathematics, or data science and 5+ years of work experience in a biomedical related field.

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

- Teaching advanced statistics or data science classes
- Calculating sample size/power and preparing publication quality tables and figures
- Knowledge of the theory and techniques of applied statistical methods such as linear mixed models, generalized estimating equations, analysis of non-parametric data, and failure analysis.
- Strong data management skills as well as knowledge of SAS programming language

**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 - Please upload a copy of a transcript for your current or most recent degree program that meets the disciplinary qualifications of the opportunity. Click here for detailed information about acceptable transcripts.
- One recommendation. Your application will be considered incomplete and will not be reviewed until one recommendation(s) 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.

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If you have questions, send an email to ARMY-MRMC@orise.orau.gov. Please list the reference code of this opportunity [USAISR-2023-0017-ES] 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** | <ul><li>**Citizenship:** U.S. Citizen Only</li><li>**Degree:** Master's Degree or Doctoral Degree.</li><li>**Discipline(s):**<ul><li>**Chemistry and Materials Sciences** (12 👁)</li><li>**Communications and Graphics Design** (2 👁)</li><li>**Computer, Information, and Data Sciences** (16 👁)</li><li>**Earth and Geosciences** (21 👁)</li><li>**Engineering** (27 👁)</li><li>**Environmental and Marine Sciences** (14 👁)</li><li>**Life Health and Medical Sciences** (45 👁)</li><li>**Mathematics and Statistics** (10 👁)</li><li>**Other Non-Science & Engineering** (2 👁)</li><li>**Physics** (16 👁)</li><li>**Science & Engineering-related** (1 👁)</li><li>**Social and Behavioral Sciences** (27 👁)</li></ul></li></ul> |