

Opportunity Title: HBCU Summer 2023 Faculty Research Fellowship at NGA

Opportunity Reference Code: NGA-2023-0001-F

Organization

U.S. Department of Defense (DOD)

Reference Code

NGA-2023-0001-F

How to Apply

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

Application Deadline

3/31/2023 3:00:00 PM Eastern Time Zone

Description

The [National Geospatial-Intelligence Agency \(NGA\) Office of Research](#) is offering summer faculty fellowships for the summer of 2023. **NGA's HBCU Summer Faculty Research Fellowship** is a 10-week paid appointment which matches fellows with an NGA mentor.

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 increase engagement and partnerships between Historically Black Colleges and Universities (HBCUs) and NGA.

Why should I apply?

Under the guidance of a mentor, you will engage in a variety of research activities. Research areas vary and will be assigned based on the candidate's skills and interests. The topics may include:

- AI/Machine Learning/Natural Language Processing
- Computer Vision
- Data Science, especially GEO applications
- Predictive Analytics
- Arctic Studies, especially GEO-related
- Gravity Modeling
- Spectral Sciences
- CYBER
- Motion Imagery/Video Sciences
- Radar, especially Synthetic Aperture Radar Crop and Hydrology Studies and Predictions
- GIS
- Remote Sensing

Where will I be located? Those with security clearances will be assigned to either the Springfield, VA, or St. Louis, MO, location. Those without a security clearance will either be assigned to the St. Louis, MO, location or will perform research at their home institution, under the guidance of an NGA mentor.

What are the benefits?

As the selected candidate, you will receive a \$35,000 stipend for participation in the 10-week program and may also be eligible for a travel allowance.

What is the anticipated start date?

The **deadline** for application submission is **3:00 p.m. ET on Friday, March 31, 2023**. Appointments will begin in the first or second week of June. The exact start date will be determined at the time of selection and in coordination with the selected candidate.

About NGA

The [National Geospatial-Intelligence Agency \(NGA\)](#) delivers world-class geospatial intelligence that provides a decisive advantage to policymakers, warfighters, intelligence

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professionals and first responders. Anyone who sails a U.S. ship, flies a U.S. aircraft, makes national policy decisions, fights wars, locates, targets, responds to natural disasters, or even navigates with a cellphone relies on NGA. NGA enables all of these critical actions and shapes decisions that impact our world through the indispensable discipline of geospatial intelligence (GEOINT).

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:

- Be a citizen of the United States; dual citizens and foreign nationals are not eligible
- Be a current faculty member at an HBCU institution
- An active Top Secret or higher security clearance is preferred though not required

To evaluate compliance with Title IX of the Education Amendments of 1972 (20 U.S.C. § 1681 et.seq.), the Department of Defense (DoD) is collecting certain demographic and career information to be able to assess the success rates of women who are proposed for key roles in applications in science, technology, engineering or mathematics disciplines. In addition, the National Defense Authorization Act (NDAA) for FY 2019, Section 1286, directs the Secretary of Defense to protect intellectual property, controlled information, key personnel, and information about critical technologies relevant to national security and limit undue influence, including foreign talent programs by countries that desire to exploit United States' technology within the DoD research, science and technology, and innovation enterprise. This requirement is necessary for all research and research-related educational activities.

Submission of an application for this position is authorization for NGA its representatives, and other federal agencies to obtain information relating to the applicants background, educational and professional activities, and online presence for the purpose of conducting risk-based assessments to identify and mitigate conflicts of commitment (CoC) and conflicts of interest (CoI) as defined by [National Security Presidential Memorandum-33](#).

By submitting an application, applicants understand the information is for official use only by the federal government and the information may be disclosed only as allowed by law. This authorization shall remain in effect as long as applicant applies for or receive federal funding or requires access to Controlled Unclassified Information or Classified National Security Information. Applicant understands that their information will be protected from unauthorized disclosure and the collection, maintenance, and disclosure of my information is governed by the Privacy Act.

Application Requirements

A complete application consists of:

- Zintellect Profile
- Current Curriculum Vitae (include any papers, presentations, or publications, and any clearances ever held and when)
- Research Info Paper/The info paper is a 2-4-page document describing your research capabilities and how those capabilities and your research interest can impact the NGA research mission. The document should include:
 - **Applicant Information:** Name, email address, phone number, discipline.
 - **Research Capabilities:** Concisely explain your research capabilities. Describe the research you have conducted and the techniques with which you are familiar.
 - **Interest:** Concisely explain your interest. What specific DOD area of research would you like to explore? Explain how your expertise can impact the desired research area.

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- **Outcome:** State your expected/desired outcome(s) of the 10-week experience.
- Educational and Employment History
- 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.](#)
- Two Recommendations. Your application will be considered incomplete and will not be reviewed until two recommendations are 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.
- If you have questions, send an email to orisedod@orise.orau.gov. Please list the reference code of this opportunity [NGA-2023-0001-F] 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.

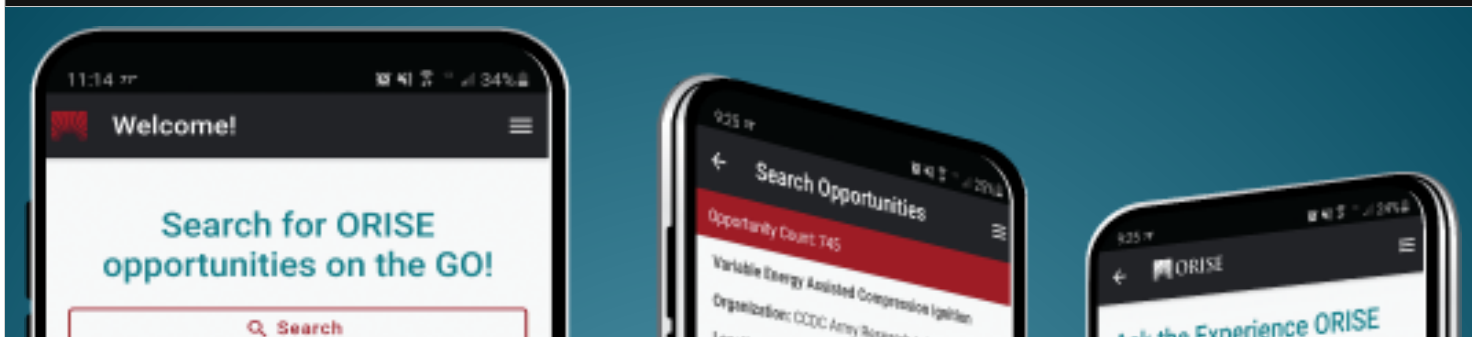
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Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Master's Degree or Doctoral Degree.
- **Discipline(s):**
 - **Business** (11 )
 - **Chemistry and Materials Sciences** (12 )
 - **Communications and Graphics Design** (6 )
 - **Computer, Information, and Data Sciences** (17 )
 - **Earth and Geosciences** (21 )
 - **Engineering** (27 )
 - **Environmental and Marine Sciences** (14 )
 - **Life Health and Medical Sciences** (48 )
 - **Mathematics and Statistics** (11 )
 - **Other Non-Science & Engineering** (13 )
 - **Physics** (16 )
 - **Science & Engineering-related** (2 )
 - **Social and Behavioral Sciences** (29 )

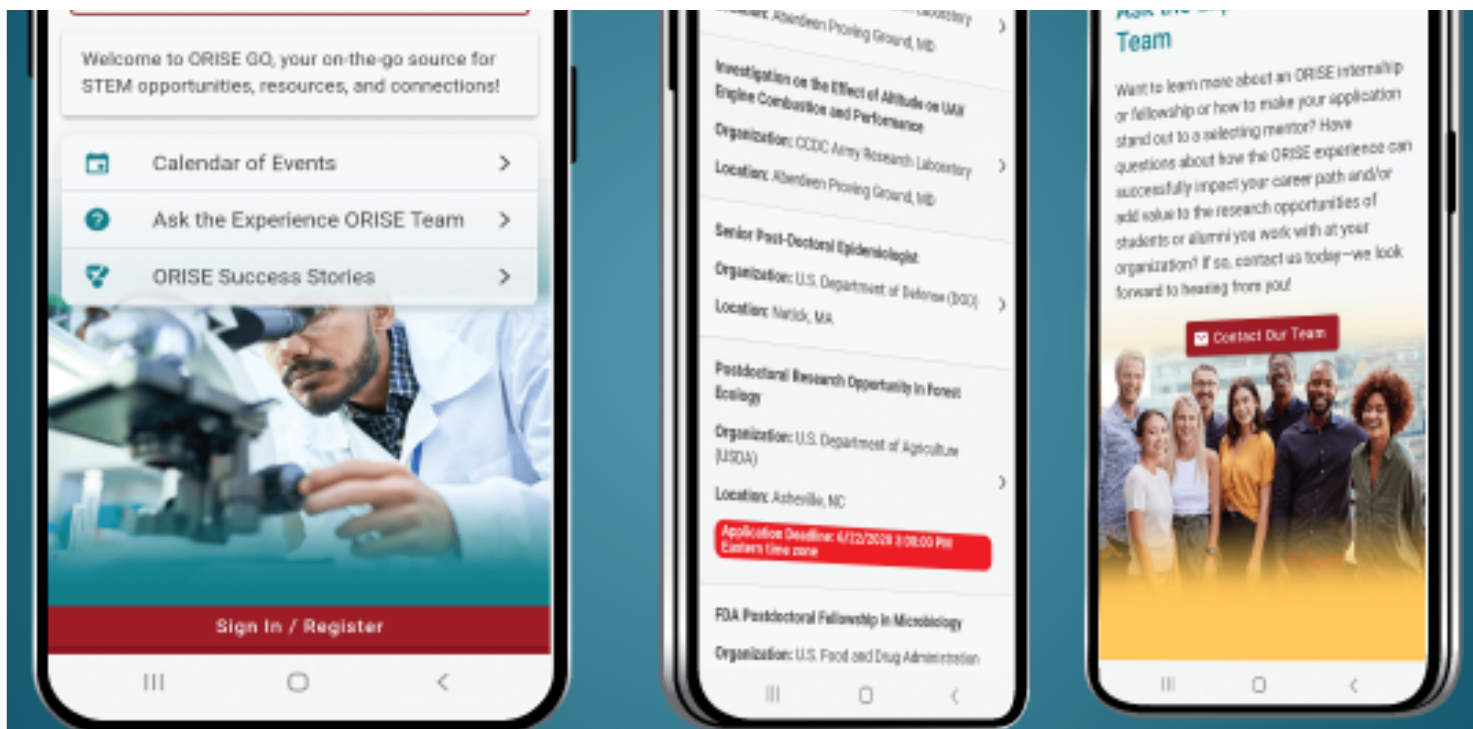


OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION



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