

Opportunity Title: NGA HBCU Summer 2025 Faculty Research Fellowship

Opportunity Reference Code: NGA-2025-0001-F

Organization U.S. Department of Defense (DOD)

Reference Code NGA-2025-0001-F

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

Description The [National Geospatial-Intelligence Agency \(NGA\) Research & Development Component](#) is offering summer faculty fellowships designed to increase engagement and partnerships between Historically Black Colleges and Universities (HBCUs) and NGA. NGA's HBCU Summer Faculty Research Fellowship is a 10-week paid appointment which matches fellows with an NGA mentor. Selected candidates will be required to participate in the NGA HBCU Summer Faculty Research Out-Brief, which will be the last week of their appointment. Up to six fellows will be selected for participation.

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. Selected candidates will be required to participate in the NGA HBCU Summer Faculty Research Out-Brief, which will be the last week of the appointment.

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 but are not limited to:

- 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
- Crop and Hydrology Studies and Predictions
- Remote Sensing

Please note that all research topics may be considered, as long as the proposed research relates to or incorporates STEM.

What are the appointment provisions?

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.

Where will I be located?

Faculty will perform research at their home institution, under the guidance



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of an NGA mentor.

What is the anticipated start date?

The deadline for application submission is **11:59 p.m. ET on Friday, January 31, 2025**. Appointments will begin in the last week of May. Participation requires a commitment of ten consecutive weeks between May 1st and August 31st.

About NGA

The National Geospatial-Intelligence Agency (NGA) delivers world-class geospatial intelligence that provides a decisive advantage to policymakers, warfighters, intelligence 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 -- PLEASE NOTE dual citizens and foreign nationals are not eligible.

Be a current full-time faculty member at an HBCU institution.

An active Top-Secret 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

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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 opportunity is authorization for NGA its representatives, and other federal agencies to obtain information relating to the applicant's 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 (Col) 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 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.

A complete application will include:

Zintellect Application

Current Curriculum Vitae (include any papers, presentations, or publications, and any clearances ever held and when)

Research Info Paper:

The Research 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
- 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. We encourage you to contact your recommender(s) as soon as you start your application to ensure they

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


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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-2025-0001] 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.

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:** Master's Degree or Doctoral Degree.
 - **Discipline(s):**
 - **Computer, Information, and Data Sciences** ([17](#) )
 - **Earth and Geosciences** ([21](#) )
 - **Engineering** ([27](#) )
 - **Environmental and Marine Sciences** ([14](#) )
 - **Life Health and Medical Sciences** ([51](#) )
 - **Mathematics and Statistics** ([11](#) )
 - **Other Non-Science & Engineering** ([13](#) )
 - **Physics** ([16](#) )
 - **Science & Engineering-related** ([2](#) )
 - **Social and Behavioral Sciences** ([30](#) )

Affirmation I confirm I am a current full-time faculty member at an accredited U.S. Historically Black College University (HBCU).