

Opportunity Title: IC HBCU Summer Faculty Research Fellowship at NGA

Opportunity Reference Code: NGA-2022-0002-F



Organization U.S. Department of Defense (DOD)

Reference Code NGA-2022-0002-F

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

Application Deadline 4/7/2022 3:00:00 PM Eastern Time Zone

Description The National Geospatial-Intelligence Agency (NGA) Office of Research is offering summer faculty fellowships designed to increase engagement and partnerships between Historically Black Colleges and Universities (HBCUs) and NGA. The **IC (Intelligence Community) HBCU Summer Faculty Research Fellowship** is a 10-week paid appointment which matches fellows with an NGA mentor from either the Springfield, VA, or St. Louis, MO, location. Up to five fellows will be selected for participation.

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

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.

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 is the anticipated start date?

The **deadline** for application submission is **3:00 p.m. ET on Thursday, April 7, 2022**. 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 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

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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 must:

- 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.

A complete application will include:

- Zintellect Application
- Current Curriculum Vitae (include any papers, presentations, or publications, and any clearances ever held and when)
- 2 Recommendations
- 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.

To learn more about this opportunity, click [HERE](#) to view an [Information Session](#) which was held and recorded on March 16, 2022. Any questions about this opportunity may be directed to orisedod@orise.orau.gov. Please list reference code NGA-2022-0002-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):**
 - **Chemistry and Materials Sciences** (12 )
 - **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** (48 )
- **Mathematics and Statistics** (11 )
- **Other Non-Science & Engineering** (13 )
- **Physics** (16 )
- **Science & Engineering-related** (2 )
- **Social and Behavioral Sciences** (29 )