



U.S. Department *of* Defense

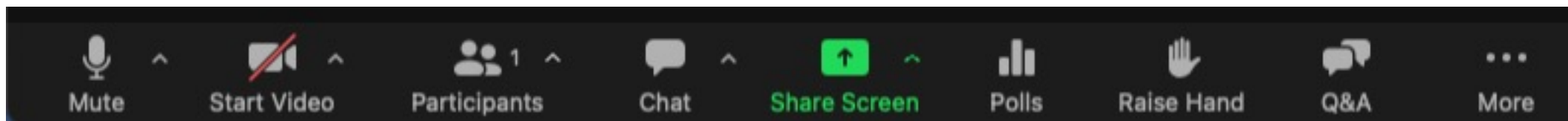
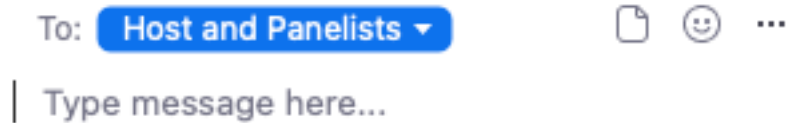
**Information Webinar: FY 2023 Funding Opportunity  
Announcement (FOA) for DoD's Research and Education  
Program for HBCUs/MIs  
FOA: W911NF-22-S-0010**

Presented 6/23/22



# Format of Room

- All participants will be in listen only mode, microphones will not be enabled.
- All Questions for the presenters and DoD team must be submitted through the Q&A window
- All questions for technical support must be submitted to the hosts and panelists





# Agenda

- Funding Opportunity Overview
- Research Areas of Interest
- Content and Form of Application Submission
- Project Narratives
- Additional Guidance
- Award Information and Period of Performance
- Eligibility, Review, and Selection
- Evaluation Criteria
- How to Submit and Key Timelines



# Funding Opportunity Overview

- Posted via [Grants.gov](https://www.grants.gov)
- Posted on May 17, 2022
- Funding Opportunity number: W911NF-22-S-0010
- Closing Date: August 12, 2022

## VIEW GRANT OPPORTUNITY



W911NF-22-S-0010  
 Fiscal Year (FY) 2023 DoD Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MI)  
 Department of Defense  
 Dept of the Army -- Materiel Command

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### General Information

<b>Document Type:</b> Grants Notice	<b>Version:</b> Synopsis 2
<b>Funding Opportunity Number:</b> W911NF-22-S-0010	<b>Posted Date:</b> May 17, 2022
<b>Funding Opportunity Title:</b> Fiscal Year (FY) 2023 DoD Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MI)	<b>Last Updated Date:</b> May 17, 2022
<b>Opportunity Category:</b> Discretionary	<b>Original Closing Date for Applications:</b> Aug 12, 2022
<b>Opportunity Category Explanation:</b>	<b>Current Closing Date for Applications:</b> Aug 12, 2022
<b>Funding Instrument Type:</b> Grant	<b>Archive Date:</b> Sep 11, 2022
<b>Category of Funding Activity:</b> Science and Technology and other Research and Development	<b>Estimated Total Program Funding:</b> \$28,000,000
<b>Category Explanation:</b>	<b>Award Ceiling:</b> \$800,000
<b>Expected Number of Awards:</b> 150	<b>Award Floor:</b> \$0
<b>CFDA Number(s):</b> 12.630 -- Basic, Applied, and Advanced Research in Science and Engineering	
<b>Cost Sharing or Matching Requirement:</b> No	

<https://www.grants.gov/web/grants/search-grants.html?keywords=W911NF-22-S-0010>



# Funding Opportunity Overview Goals

- This Funding Opportunity Announcement (FOA) aims to:
  - a) Enhance research programs and capabilities in scientific and engineering disciplines critical to the national security functions of DoD;
  - b) Enhance the capacity of HBCU/MI to participate in DoD research programs and activities; and
  - c) Increase the number of graduates, including underrepresented minorities, in fields of science, technology, engineering, and mathematics (STEM) important to the defense mission.



# DOD's Definition of Basic Research

- Projects proposed for funding under this FOA must be for ***basic research***.
- “Basic Research,” as defined by DoD:
  - Systematic study directed toward greater knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications towards processes or products in mind.
  - It includes all scientific study and experimentation directed toward increasing fundamental knowledge and understanding in those fields of the physical, engineering, environmental, life sciences, and information sciences related to long-term national security needs.



# Research Areas of Interest

- Principal Investigators (PIs) are encouraged to peruse the research interests of each Agency listed on the next slide and to contact the respective program managers to discuss mutual research interests.
- Use the links on the next slide only to identify research areas of interest to the Agencies.
- **NOTE:** Disregard instructions contained in those Agency FOAs regarding application preparation, content, and submission requirements.
- **Instead, follow the instructions for this FOA (W911NF-22-S-0010) to submit your proposal.**



# Research Areas of Interest

- **Army Research Office (ARO)** - See the most recent ARO Broad Agency Announcement (BAA) for Fundamental Research, **W911NF-17-S-0002**. Select “Broad Agency Announcements” in the “Business” section at <https://www.arl.army.mil/business/broad-agency-announcements/>
- **Office of Naval Research (ONR)** – Select “Work With Us,” then “Funding Opportunities,” and then “BAAs, FOAs and Special Program Announcements” to see the FY22 Long Range Broad Agency Announcement for Navy and Marine Corps Science and Technology, **BAA N00014-22-S-B001**. <https://www.onr.navy.mil/>
- **Air Force Office of Scientific Research (AFOSR)** - See Research Interests of the Air Force Office of Scientific Research. Under the “Search Grants” tab insert keyword: **FA9550-21-S-0001**. <https://www.grants.gov>





# Research Area of Interest - Example

- [ARL Broad Agency Announcement for Basic and Applied Scientific Research](#)

- BAA for Fundamental Research, W911NF-17-S-0002
- Identify the Area of Research
- Copy down the technical point of contact (TPOC) name, email, and phone number

<b>ARO Broad Agency Announcement (BAA) for Fundamental Research for 1 April 2017 – 30 September 2022</b>	31 March 2022	30 September 2022
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W911NF-17-S-0002-11

[Amendment 11](#)

*Engineering AI Systems.* AI systems are insular, brittle, dependent on massive amounts of data, and with no avenues for composition. While notions of type systems, effect systems, assume-guarantee assertions, and procedural and process abstractions are all now available to describe and compose software components, similar notions of modularity are critically needed for building AI systems from small learning-based components. There are examples such as model-cards and data-sheets that are now available, which along with notions of Probabilistic Programming could provide the necessary basis. However, there are a number of problems, especially in the context of Deep Neural Networks, that still need to be addressed. The necessary science required to address AI safety – rigorous specifications for composition, run-time monitoring, self-healing, reasoning, etc., are all of interest to this program.

TPOC: Dr. Purush Iyer, [s.p.iyer.civ@army.mil](mailto:s.p.iyer.civ@army.mil), (919) 549-4204



# Content and Form of Application Submission

- Page Limit: 25 pages. Applies to the technical portion of the application:
  - Project Summary/Abstract - must be no longer than a single page
  - Project Narrative
  - Pages exceeding this limit will not be considered in the application evaluation.
- FORM: SF-424 Research & Related (R&R) (Mandatory) - Used as cover page
- FORM: SF-424 R&R Other Project Information (Mandatory)
- FORM: R&R Budget – include budget justification
- FORM: Research & Related Senior/Key Person Profile (Expanded)
- FORM: SF-424 (R&R) Personal Data (Mandatory)



## Content and Form of Application Submission (cont'd)

- Bibliography & References
- Facilities and Other Resources
- Letters of support should not be submitted.
- Attachments should not be password protected
- All attachments should be in PDF format
- Ensure formatting of names and titles are the same
- Formatting Rules
  - 8.5 x 11-inch paper, one-sided
  - Margins – 1 inch
  - Spacing – Single
  - Font – No smaller than Times New Roman, 12-point font



# Form Application Consistency

- Consistency matters
  - Proposal #12345 – (Proposal 1) – The authorized representative is “Mrs.” Jane Doe
  - Proposal #12345 – (Proposal 2) – The authorized representative is “Ms.” Jane Doe
  - Proposal #00001 – (Proposal 1) – The authorized representative is “Mr.” John Doe
  - Proposal #00001 – (Proposal 2) – The authorized representative is “Dr.” John Doe



# Project Summary/Abstract

- Must be no longer than a single page
- Must be marked to indicate that it is publicly releasable
- Concise description of the proposed research and use terminology the public can understand
- Identify
  - the PI,
  - the institution,
  - and the project/application title





# Project Narrative

- At the beginning of the project narrative, i.e., preceding the full text of the narrative, indicate the **DoD Agency(ies)** and **research area(s)** to which the proposed project is relevant, and provide suggested Agency assignment(s) information in the following format:
  - a) DoD Agency to evaluate the application: ARO, ONR, and/or AFOSR, or all three.
  - b) Scientific Division(s) or Directorate(s), and
  - c) Technical Area(s)/Program Manager(s).

**Tip:** Make sure to identify the specific alignment areas and TPOCs from the Agency announcements

Please make sure that on the submission (on the abstract and within the project narrative) that it states “Approved for Public Release”



## Project Narrative (cont'd)

- The project narrative must clearly describe the following to enable technical evaluation of the project:
  - a) The research to be undertaken in a level of detail that fully addresses
    - i. the objectives of the research
    - ii. approaches to be used
    - iii. the relationship of the project to the state of knowledge in the field and to any related work at the applicant institution or elsewhere.
  - b) The anticipated results and how the project relates to the research interests of the Agency(ies).
  - c) The facilities and equipment available for performing the proposed research.
  - d) The involvement of undergraduate and/or graduate students in the research.
    - i. Although HBCU/MI program funds will not support students' tuition, stipends, or fees, the involvement of undergraduates and graduates, in the research project is critical to achieving program objectives. Students may be supported by other resources. If students are to be supported, the source(s) of funds must be identified in the budget.



## Additional Guidance

- **Salary Costs:** For all employees/labor categories, indicate the amount of time to be charged to the proposed project (e.g., number of months) and show resulting costs based on current or projected salary and fringe benefits.
- **Equipment:** Funds awarded under this FOA may not be used for purchase of equipment
  - Federal definition of equipment: items with an acquisition cost of \$5,000 or more and a useful life of more than one year.





## Additional Guidance (cont'd)

- **Travel:** Identify any travel requirements associated with the proposed research and define the relationship of such travel to the project, proposed destinations, cost estimate, and basis of cost estimate.
- Funds under this FOA **may not** be used for foreign travel.
- Domestic travel must not exceed \$2,500 per year for the PI.
- Domestic travel must not exceed \$1,500 for individuals other than the PI.
  - Travel for individuals other than the PI is limited to a DoD facility, a professional technical meeting, or other venue that may enhance achievement of the research and educational objectives of the project.



## Additional Guidance (cont'd)

- **Materials and Supplies:** Estimate costs of materials and supplies, and provide basis for cost estimates (e.g., vendor quotes or vendor websites).
- **Publication Costs:** Estimate the costs of publishing and reporting research results.



## Additional Guidance - Restrictions

- **Student/Trainee Support Costs:** Funds awarded under this FOA may not be used for student support. However, students who are involved with the research may be supported with other resources. Such resources must be identified in the budget justification.
- **Subawards/Consortium/Contractual Costs:** Funds awarded under this FOA may not be used for research collaborations.
  - Collaborations, if any, must be supported by other resources and are limited to other Institutions of Higher Education. Such arrangement(s) should be addressed in the project narrative and budget justification.



## Additional Guidance – Restrictions (cont'd)

- **Consultants:** Funds under this FOA may not be used for consultants.
- **Equipment or Facility Rental/User Fees:** Funds awarded under this FOA may not be used for equipment or facility rental/user fees.
- **Equipment Purchases:** Equipment purchases are not to be made under this awarded FOA
- **Foreign Travel:** Funds under this FOA may not be used for foreign travel.
- **Alterations and Renovations:** Funds awarded under this FOA may not be used for alterations or renovations of facilities.



# Award Information and Period of Performance

- Total Amount of Funding Available: \$28M Planned
- Anticipated Award Amounts: \$800,000 per award
- Anticipated Period of Performance: four (4) years
- Pending availability of funds, DoD intends to make awards as **project grants**.





# Eligible Applicants



- “Covered educational institutions,” are defined as:
  - Institutions of higher education eligible for assistance under Title III or V of the Higher Education Act of 1965 (20 U.S.C. 1051 et seq.); or
  - Accredited post-secondary minority institutions.
- Eligible applicants include community colleges or other two-year degree granting institutions meeting the definition of a “covered educational institution.”
- Department of Education Title III or Title V Eligibility Letter Required – not applicable for HBCUs or Tribal Colleges



# Review and Selection Process

- Scientists and engineers of the Agencies will evaluate applications using the Primary and Secondary Evaluation Criteria.
- The most meritorious applications will be recommended for award commensurate with available funding. Approval of the recommendation is the authority of the Research Director of the USD(R&E) Research, Technology and Laboratories Office.



# Primary Evaluation Criteria

- Scientific and technical merit of the proposed research.
- Relevance of the proposed research to interests of the Agency(ies) and potential contributions of the proposed research to the DoD mission.
- Potential of the proposed project to develop new research capabilities or enhance existing research capabilities and to broaden the research base in support of national defense.
- Qualifications of the PI to achieve the objectives of the project.





## Secondary Evaluation Criteria

- Potential of the project to enhance research capabilities and research education in STEM disciplines relevant to interests of the Agency(ies).
- Budgetary realism and cost effectiveness of the application budget.



# How To Submit

- Online Submission via [grants.gov](https://www.grants.gov).
- Complete organization instructions can be found on Grants.gov:  
<https://www.grants.gov/web/grants/applicants/organization-registration.html>
- All applications must be received by **11:59 PM Eastern Time on August 12, 2022.**
- Proof of timely submission is automatically recorded by Grants.gov. An electronic date/time stamp is generated within the system when the application is successfully received by Grants.gov.



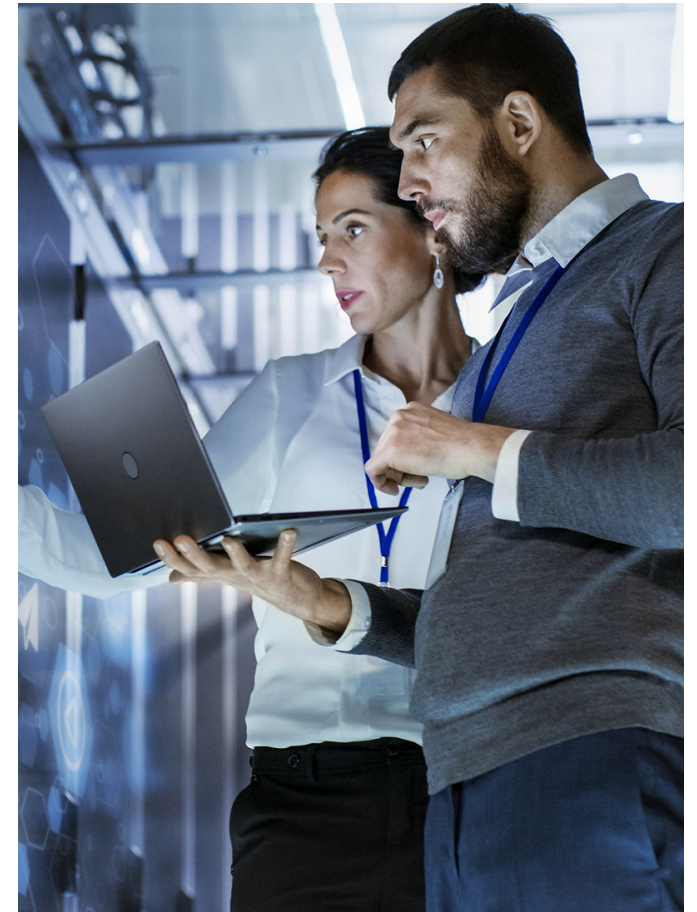
# Roles

- Ebiz POC
  - Must authorize the AOR
  - This step is often missed and is crucial for valid and timely submissions
- Authorized Organization Representative (AOR)
  - Authorized to sign the application
  - Will receive acknowledgement of receipt and tracking number of successful transmission of the application



# Key Timeline

- August 12, 2022 - Applications must be received by 11:59 PM EST via [grants.gov](https://www.grants.gov)
- Late April 2023 - Award decisions are expected to be announced by acceptance or declination letters via email
- Late July 2023 - Awards are expected to be issued





Thank You!

# Question and Answer Session

Keep up to date with DoD HBCU/MI opportunities by visiting our website at:  
[DODHBCUMIOpportunities.com](https://DODHBCUMIOpportunities.com)



# Contact Information

## Program Policy Questions

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## Program Execution and Administration

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