

# Department of the Navy's (DoN) Historically Black Colleges Universities and Minority Institutions (HBCU/MI) Program

Provided by:
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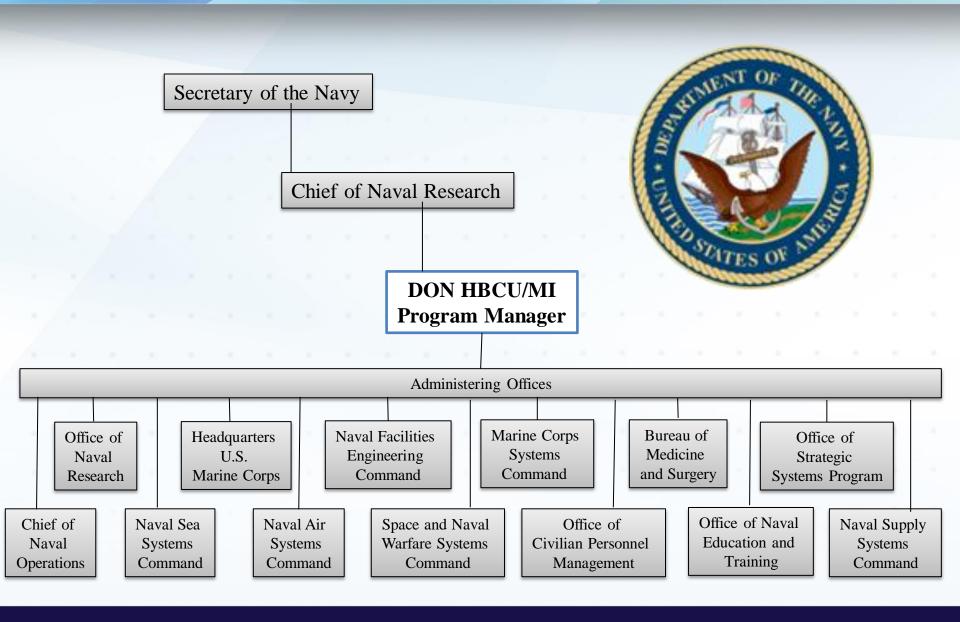








# DON HBCU/MI PROGRAM





# **Program Statements**



# **Vision**

Expand opportunities for HBCU/MIs to support national security functions of solving Science and Technology issues within the Department of Navy through increased involvement basic, applied and advanced research that will leverage the scientific accomplishments of faculty and the education students in STEM disciplines who will lead the Naval Force into the new age of scientific discovery.



# **Mission**

implement critical To education initiatives within the Naval Research and Development Enterprise through partnerships with HBCU/MI's. These collaborations will generate, deliver. solve and technological issues within the scientific community that will transform how technology and education can co-exist. This will lead to HBCU/MI's providing highest standard of scientific discovery for the DON.

ISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS PROGRAM



## PROGRAM TENETS

#### COMMUNICATE

 Awareness through the development of social media and outreach activities and program initiatives to provide DoN opportunities that can lead to successful STEM researchers and a stronger Navy and Marine Corps Workforce.

#### COORDINATE

 Events, programs and collaborations with internal and external research/STEM stakeholder to ensure the development of superior researchers and research focused on Navy relevancy.

#### **CULTIVATE**

Identify new STEM researchers that will foster new ideas and initiatives
to encourage and inspire HBCU/MI faculty and students to aggressively
identify, apply and maintain opportunities that involve solving Science
and Technology gaps through contracts and grants.

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# SUMMER FACULTY RESEARCH PROGRAM

- Provides science and engineering faculty members from institutions of higher education the opportunity to participate in research of mutual interest to the faculty member and peers at U.S. Navy Laboratories for a 10-week period.
- Three levels of appointment are Summer Faculty Fellow, Senior Summer Faculty Fellow and Distinguished Summer Faculty Fellow.



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## SABBATICAL LEAVE RESEARCH PROGRAM

Provides an opportunity for faculty to participate in naval relevant research at a Department of the Navy's (DoN) laboratory or warfare center during the academic school year.

Appointments are for a minimum of one semester to a maximum of one year. Participants in the Sabbatical Leave Program receive a monthly stipend from the lab or warfare center making up the difference between salary and sabbatical

leave pay.







# NRL UNDERGRADUATE INTERNSHIP PROGRAM

• A 10-week student internship program designed to provide opportunities for undergraduate students at HBCU/MIs to participate in research, under the guidance of an appropriate research mentor, at the Naval Research Lab.

It provides interns an opportunity to conduct "hands-on" doctoral level research with an objective to encourage students to pursue advance degrees and careers in scientific

research.





## NAVAIR UNDERGRADUATE INTERNSHIP PROGRAM

- A 6-8 week student internship at that provides an opportunity for students to participate in research in the areas of naval aviation under the guidance of an appropriate research mentor, at participating Naval Air Systems Command laboratories.
- There are 8 participating sites: China Lake, CA; Point Mugu, CA; North Island, CA; Jacksonville, FL; Orlando, FL; Patuxent River, MD; Lakehurst, NJ and Cherry Point, NC.



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# Cyber Security/Information Assurance Program & Internship

- Computer science engineering students attending the nation's HBCU/MI's compete for the opportunity to participate in a 6-7 month program where they work together and in teams, directly with the DoN's Space and Naval Warfare (SPAWAR) technical professionals on mission-critical cyber-related initiatives.
- Interns will be directly involved in cybersecurity and information assurance research projects that enable the cyber mission force through current analysis methodologies, training, and research and development of new IA tools





#### FACULTY START-UP PROGRAM

- Provides funds to be used in conjunction with existing start-up packages for new, untenured faculty members whose teaching and research impact Department of Defense (DoD) needs in materials science/engineering.
- Each grant (\$200,000 for doctoral/master's institutions; \$100,000 for primarily undergraduate institutions) can be spent over a two year time period.









### Points of Contact

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