Minority Serving Institutions (MSIs): Bridging the Gap between Federal Agencies and MSIs

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Agenda

- The Requirement
- The Strategic Plan
- HBCU/MI Full Engagement Model
- STEM Research Pipeline
- HBCU/MI Accredited Engineering Schools

10 USC 2362

Objective: Enhance defense–related research and education at HBCU/MIs to assist the Department in defense-related research, development, testing, and evaluation activities through:

- Enhancing research and educational capabilities
- Encouraging participation in research, development, testing, and evaluation programs
- Increasing the number of faculty and graduates in disciplines important to national security
- Encouraging research and educational collaboration with government, academia, and industry defense-related organizations

10 USC 2362 Assistance

- Support for research, development, testing, evaluation, or educational enhancements in areas important to the national defense
- Support to assist in the attraction and retention of faculty in scientific disciplines important to national security
- Establishing partnerships between such institutions and defense laboratories, Government defense organizations, the defense industry and other institutions of higher education
- Other such non-monetary assistance as the Secretary finds appropriate to enhance defense-related research, development, testing and evaluation activities at HBCU/MIs.

SECNAV INSTRUCTION 5402.31

The Chief of Naval Research (CNR), shall designate the Department of the Navy HBCU/MI Program Manager (Navy PM) to provide policy guidance and general oversight to the Navy HBCU/MI Program. The Navy PM is tasked with issuing administrative instructions, monitoring their implementation and conferring with representatives from participating organizations (Administering Offices and their subordinate organizations) to assure sufficient understanding and accomplishment of the Navy program planning, goals and objectives.

CNO's Statements

"As the Chief of Naval Operations, I will lead the diversity initiatives in the Navy. I challenge all who serve to do the same through leadership, mentorship, service and example. Our involved proactive leadership will create and enable an environment and Total Workforce that values uniqueness, different perspectives, and talent."

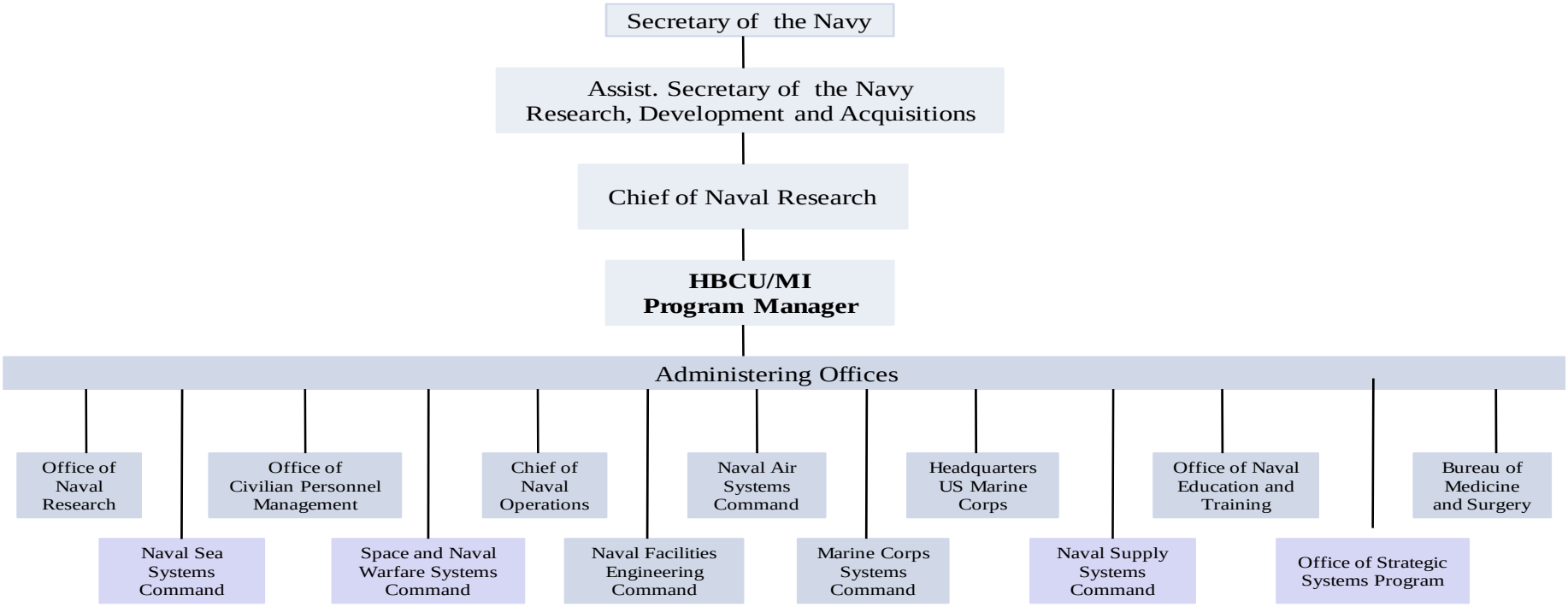
" While we have senior leader "buy-in" and good initiatives yielding measurable results, our work is not yet sustainable in its own right. It must be. Our leadership must reflect the face of the nation if we intend to remain relevant in providing for our nation's defense. If we agree that diversity of thought yields better solutions to the problems we face, what may have the commitment of key leadership now must be sustained for the long term."

Commandant's Statement

Maintaining diversity within our ranks infuses our Corps with a continuous stream of fresh ideas and innovative capabilities. Our ability to recruit, retain, and promote a diverse, quality force is essential to progress and mission accomplishment. This is where leadership is critical. Our leaders must ensure that all Marines, Sailors, and civilians are provided equal opportunity to develop their skills, advance, and contribute to the overall effectiveness of our Corps. By encouraging everyone who is part of our Marine Corps team to reach his or her full potential, we allow our Corps to capitalize on the wide variety of talents and ideas available.

Navy HBCU/MI Program Governance & Controls

Strategic Plan: Navy HBCU/MI Program - Governance & Controls



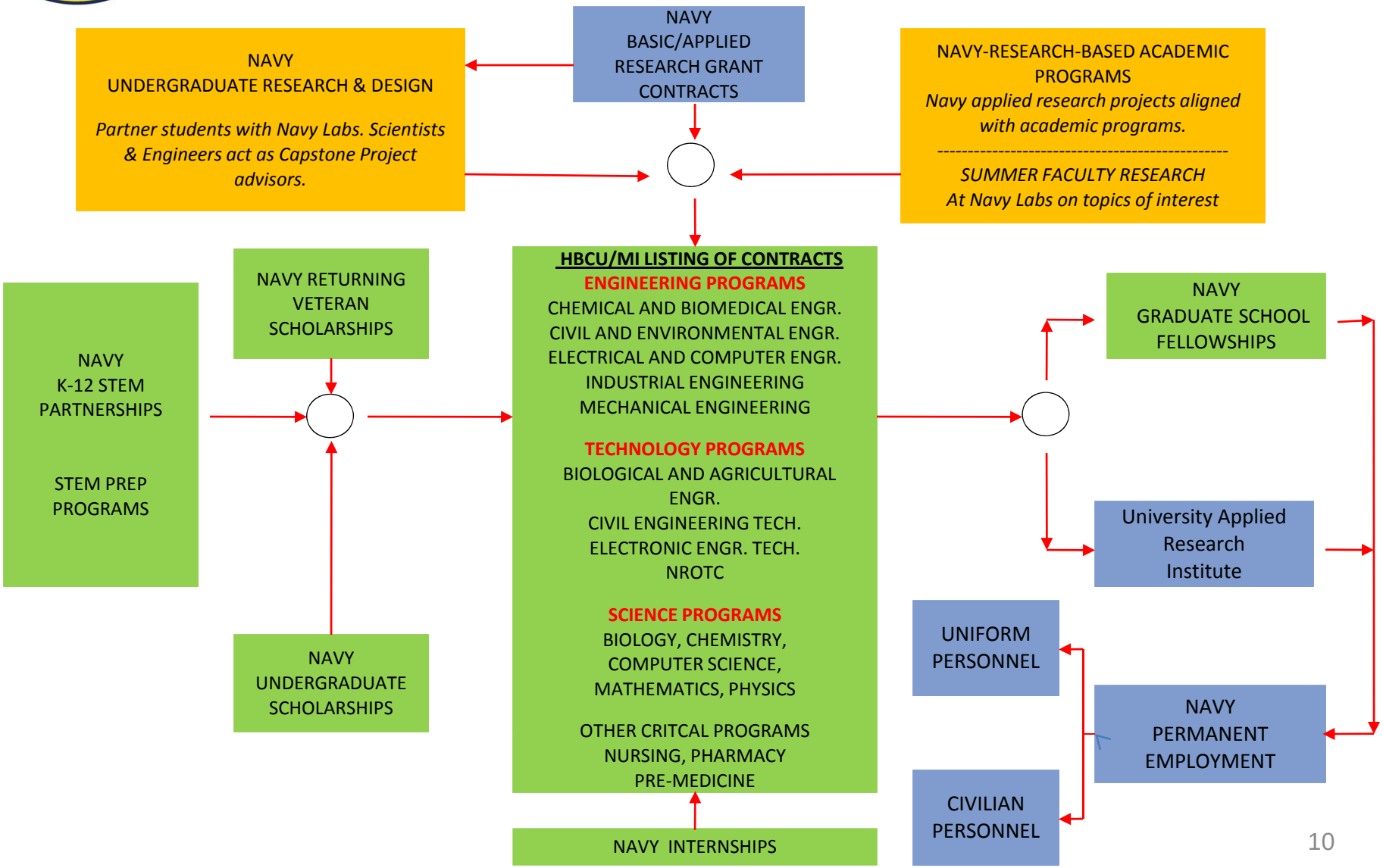
The Plan

Provide opportunities for basic and applied research
(Core Component)

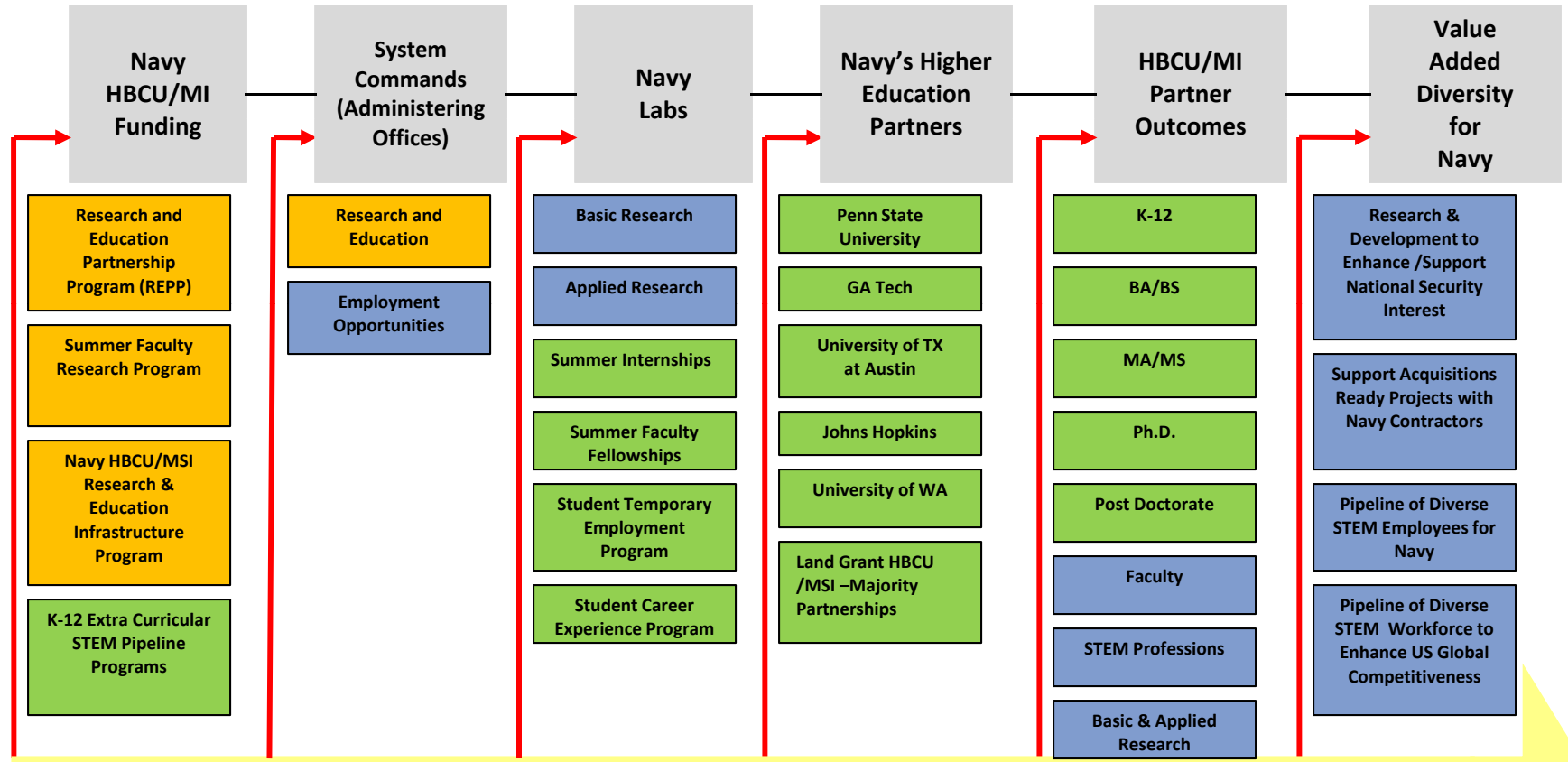
- Grants and Contracts for Basic and Applied Research (Pillar I)
- Scholarships, Fellowships, Internships for Student-Oriented STEM Support Services (Pillar II)
- K – 12 Programs (Pillar III)
- Programs that Leverage the Capabilities, Resources and Experience of the HBCU/MI Research and Education Pipeline (Pillar IV)

Increase the number of minority STEM-focused academics, researchers and graduates
(Core Component)

Navy HBCU/MI Full-Engagement Model



Navy HBCU/MI STEM Research Pipeline



HBCU Accredited Engineering Schools

- Alabama A&M University
- Florida A&M University
- Hampton University
- Howard University
- Jackson State University
- Morgan State University
- Norfolk State University
- North Carolina A&T State University
- Prairie View A&M University
- Southern University
- Tennessee State University
- Tuskegee University
- Virginia State University

Hispanic Serving Institution Accredited Engineering Schools

- Arizona State University South
- California State Polytechnic University (Pomona)
- California State University (Fresno)
- California State University (Fullerton)
- California State University (Long Beach)
- California State University (Los Angeles)
- California State University (Northridge)
- University of California (Riverside)
- Colorado State University (Pueblo)
- Florida International University (Modesto Maidique Campus)
- University of Miami
- New Mexico State University
- University of New Mexico
- City University of New York, City College, NY
- Northern Arizona University (Yuma Branch)
- San Diego State University (Imperial Valley Campus)
- Texas A&M University (Kingsville)
- University of Texas at El Paso
- The University of Texas at San Antonio
- The University of Texas-Pan American