NASA NAC DEIA Observations

NASA Market Research Leadership Meetings

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Reviewed strategic plan



NAE Study on HBCU's and DoD Research NASA Great Place to Work, PPS Study Unfold the Universe Event



Accessibility Research White House Initiatives for Veterans NASA Campaign July 22, LinkedIn

Points of Contact

Lester Lyles, NAC Chairman

Jimmy Anderson, White House Community Veteran Outreach
 Steve Shih, Associate Administrator
 Michelle Jones, Chief Office of Communication
 Nicole Lassiter, Agency DEIA Program Manager
 Kevin Johnson, Partnership for Public Service
 Jean-Marie Jean-Pierre, Goddard Associate Chief
 Hortense Blackwell, Director, Kennedy Space Center
 Roderick Chappell, NASA Central Office
 Michael Kincaid, Associate Administrator

August 2022

June 2022



First NAC Meeting

September 2022



Incubation Period

AMIE Leadership Meeting



NASA
Program Team
Kennedy
Goddard



HBCU Deans

Pillars to Framework Discussions



Meeting with NAC committee

January 2023

1)The first meeting of the National Space Council of the Biden:release of a document called the <u>United States Space</u> <u>Priorities Framework</u>

2)White House Announces \$1.2B Effort to Improve Access to STEMM Education - NASA and VA

AMIE: Advancing Minorities Interest in Engineering Overview

Advancing Minorities' Interest in Engineering (AMIE) is a coalition of corporations, government agencies and the Engineering Schools at the ABET accredited Historically Black Colleges and Universities (HBCUs). AMIE's College and University partners include all of the Historically Black Colleges and Universities (HBCUs) in the nation that have ABET accredited Schools of Engineering. Combined, these 15 schools represent 4% of the nation's accredited engineering schools but are responsible for ~30% of all blacks who graduate with an bachelors degree in engineering.

Focus that the STEM talent pipeline has diverse and exceptional talent for industrial and governmental businesses who seek diverse perspectives in their workforce.

Unlike working individually with each partner in three areas (university, industry and government), AMIE's coalition provides a holistic and direct access to influence and engage talent, educators and businesse in promoting minority student pursuit of engineering and achieving greater diversity in the engineering workforce

ENGAGEMENT Opportunities

HBCU Pilot Program Engagement Strategy – The HBCU Pilot Program Engagement Strategy session will focus on two pilot programs – HBCU Security Clearance Pilot and AMIE Mentoring Program Pilot. The working group will review current industry programs and discuss HBCU/Industry/Government needs, required program components and strategy to launch each pilot.

AMIE Strategic Program Opportunities – The AMIE Strategic Program Opportunities session will explore upcoming opportunities in the CHIPS and Science Act. The CHIPS and Science Act will boost American semiconductor research, development, and production, ensuring U.S. leadership in the technology that forms the foundation of everything from automobiles to household appliances to defense systems. Chips and Science Act includes new initiatives to support HBCUs.

National Science Foundation (NSF)

- Michael Ferrara, PhD, Program Director, Division of Undergraduate Education (DUE), Directorate for STEM Education (EDU)
- Thomas Kim, PhD, Program Director, Robert Noyce Teacher Scholarship Program Co-Lead, S-STEM Program

Recommendations & Considerations

- Dean John Anderson (Howard University, School of Engineering) invited to NASA diversity activities increase awareness and engagement with school
 - Possibility to HOST Space CAMP on HBCU Campus (hosted by Directorate):Middle Schools
- BEYA/AMIE February Meeting NASA Participation
 - The 1st Quarter AMIE Partners and Board of Directors meeting will be held on Thursday, February 9th from 12:00 PM – 5:00 PM (ET) at the Black Engineer of the Year (BEYA) Conference at the Gaylord National Resort & Convention Center
 - General Lyles & Dr Coleman (Chief Scientist, AirForce) speaking to HBCU Deans
 - AirForce announce HBCU UARC announcement January 17th
 - Closer coordination with AirForce on diversity initiatives for partnering opportunities
- DoD Skillbridge Program Industry Outreach/AirForce Veterans
- Additional focus on neurodiversity pipeline activities
 - Microsoft industry best practice paper



Observations -OSTEM

