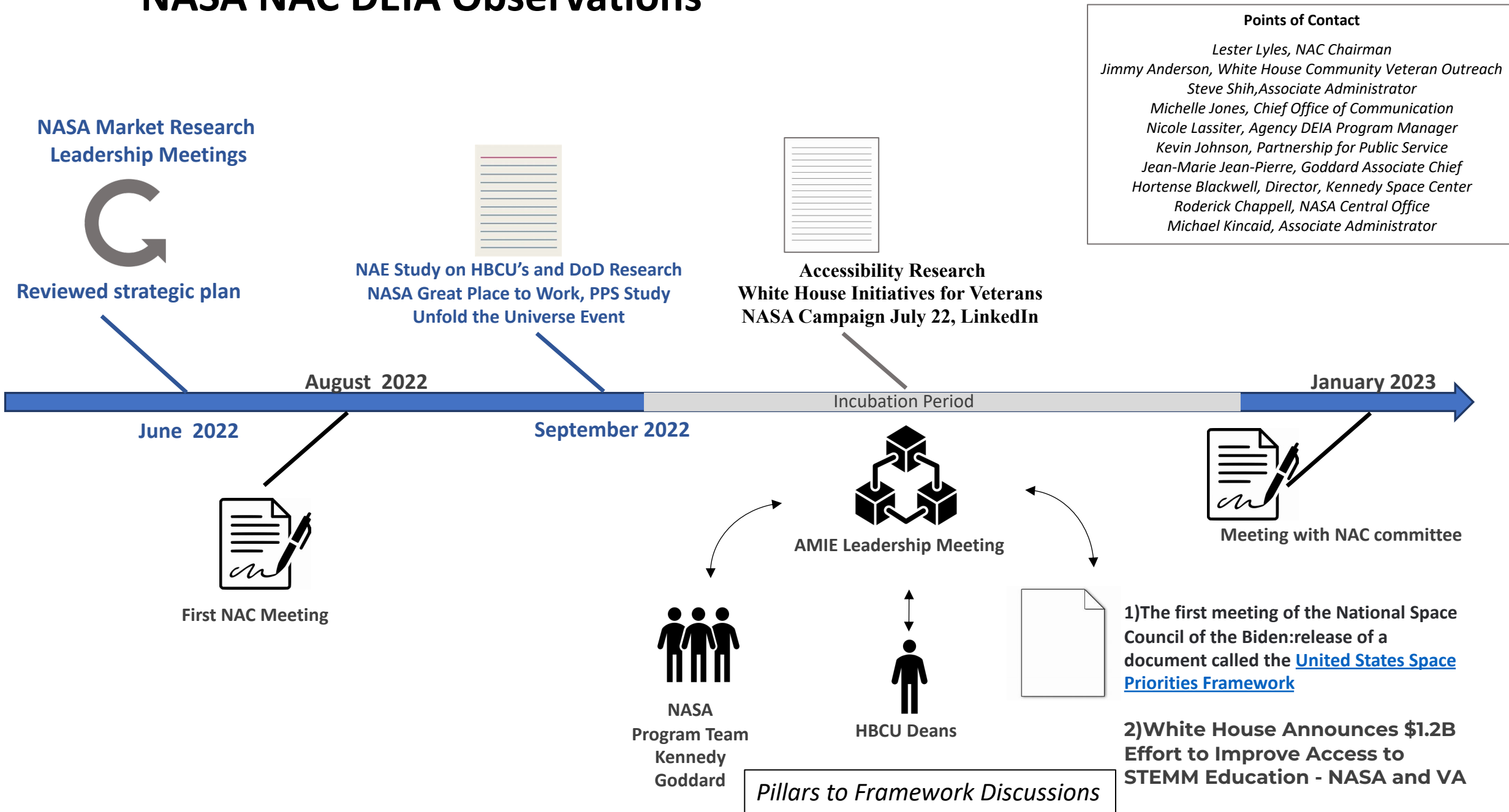


NASA NAC DEIA Observations



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 businesses 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

