

Building Defense Research Capacity at HBCUs, TCUs, HSIs, and ANNHSIs: Town Hall on Capacity Development (April 24 & 25, 2023)

Transformational and Transactional Culture Shifts

MONDAY, APRIL 24, 2023

Purpose

- Highlight Barriers that Dissuade Capacity-Building Activities at MIs
- Investigating Faculty workload Policies
- Elucidating strategies for research portfolio diversification
- Addressing the threshold for infrastructure investments

10:00 – 10:10 Opening Remarks

– Oscar Barton, Jr., PhD, PE, Committee Chair

10:10 – 12:00 Barriers to Building Defense-Related Research Capacity

The first session of day 1 will include a series of panels with representatives across Minority Institution designations (HBCUs, TCU, HSIs, etc.) to discuss the challenges their institutions and like institutions face when developing defense-related capacity.

Panel 1 – HBCUs

Moderator: Oscar Barton, Jr., PhD, PE – Morgan State University

Panelists:

- **John M. Anderson, PhD** – Howard University
- **Farin Kamangar, MD, PhD** – Morgan State University

Panel 2 – TCUs

Moderator: Abraham Wolcott, PhD – San José State University

Panelists:

- **Andrea Christelle, PhD** – Diné College
- **Al Kuslikis** – American Indian Higher Education Consortium
- **Emily Biggane, PhD** – United Tribes Technical College

Panel 3 – HSIs

Moderator: Abraham Wolcott, PhD – San José State University

Panelists:

- **Karen Butler, PhD** – Texas A&M University
- **Frank A. Gomez, PhD** – Cal State System
- **Folarin Erogbogbo, PhD** – San Jose State University

Panel 4 –ANNHSI

Moderator: Abraham Wolcott, PhD – San José State University

Panelists:

- **Helen Turner, PhD** – Chaminade University of Honolulu
- **Aaron Dotson, PhD** – University of Alaska Anchorage
- **Michele Yatchmeneff, PhD** – University of Alaska Anchorage

12:00–12:15 **Break**

12:15–1:20 **Reimagining Faculty Workload Policies**

The session will highlight best practices used by a diverse suite of institutions to provide novel opportunities for administrators at Mis to incorporate that offer room for faculty to participate in research and better balance teaching loads.

Moderator: Oscar Barton, Jr., PhD, PE – Morgan State University

Panelists:

- **Mark Ginsberg, PhD** – George Mason University
- **John Crockett, PhD** - San Diego State University

1:20–1:30 **Break**

1:30–2:45 **Culture and Leadership Models to Facilitate Research Capacity Building**

The last session of the day will explore institutions that have successfully shifted to be more responsive to the Department of Defense's research priorities through institutional culture shifts and leadership models. Panelists will outline both institutional policies and procedures and DOD programs and policies that have facilitated a more robust research enterprise within their institutions.

Moderator: Abigail S. Newsome, PhD – Mississippi Valley State University

Panelists:

- **Jagannathan Sankar, PhD** – North Carolina A&T University
- **Twyla Baker, PhD** - Neurta Hidatsa Sahnish College

2:45 – 3:00 **Closing remarks and recapitulation of Day 1**

END OF DAY 1

TUESDAY, APRIL 25, 2023

10:00–11:30 **Developing a Diverse Funding Portfolio**

The first session of day 2 will highlight the diversity in funding opportunities at the Department of Defense (grants, contracts, etc.) and strategies that institutions have successfully adopted to facilitate the acquisition of diverse funding streams from the DOD.

Moderator: Oscar Barton, Jr., PhD, PE – Morgan State University

Panelists:

- **Kamal Khayat, PhD** – Missouri University of Science and Technology

11:30–12:30 Addressing the Critical Threshold for Infrastructure Investments

A panel of experts and stakeholders will elucidate the necessary investments in infrastructure for adequate participation in the Department of Defense's research portfolio. Topics of discussion will include an investigation of critical thresholds, funding opportunities for infrastructure development, and strategies for institutions and the DOD to consider toward support for research infrastructure.

Moderator: Chad Womack, PhD – United Negro College Fund

Panelists:

- **Shannon Arnold, MEng, MS** – GBL Systems Corporation
- **Victor McCrary, PhD** – University of the District of Columbia
- **Jaret C. Riddick, PhD** – Center for Security and Emerging Technology

12:30–1:30 Break

1:30–2:30 Federal Capacity Building Programs

The final session of Day 2 will spotlight federal programs that address research capacity-building needs through funding opportunities and other intervention methods.

Moderator: Keith A. McGee, PhD – Alcorn State University

Panelists:

- **Natalia Melcer** – Department of Energy, Office of Science
- **Dina Stroud, PhD** – National Science Foundation, GRANTED program

**2:30 – 3:00 Recap of Day 1 and Day 2 strategies and federal programs.
Closing Remarks**

MEETING ADJOURNS