



DEFENSE ADVANCED RESEARCH PROJECTS AGENCY
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JUN 20 2016

MEMORANDUM FOR OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE FOR
RESEARCH AND ENGINEERING
(ATTN: MS. EVELYN KENT)

SUBJECT: Strategy for Engagement with, and Support of the Development of, STEM
Capabilities at Historically Black Colleges and Universities and Minority-Serving
Institutions

Attached is the subject strategy for the Defense Advanced Research Projects Agency
(DARPA) as required by Section 233 of the FY 2016 National Defense Authorization Act.

The DARPA point of contact for this action is Ms. Susan Nichols, Small Business
Program Office Director. She can be reached at 571-218-4922 or susan.nichols@darpa.mil.

A handwritten signature in black ink, appearing to read "Steven H. Walker", is positioned above the typed name.

Steven H. Walker, Ph.D.
Deputy Director

Attachment:
As stated

SECTION 233, FISCAL YEAR 2016 NATIONAL DEFENSE AUTHORIZATION ACT: STRATEGY FOR ENGAGEMENT WITH, AND SUPPORT OF THE DEVELOPMENT OF, STEM CAPABILITIES AT Minority Serving Institutions (MSIs)

Organization Responsible for Strategy: DARPA

Point of Contact: Susan Nichols, 571-218-4922, susan.nichols@darpa.mil

Scope: DARPA technology offices and support offices.

Authority: 10 U.S.C. 2362

Objective:

Engage with Minority-Serving Institutions (MSIs), which includes: Historically Black Colleges and Universities (HBCUs), Tribal Colleges and Universities (TCUs), American Indian and Alaska Native Serving Institutions (AIANSIs), Hispanic-Serving Institutions (HSIs), Predominantly Black Institutions (PBIs), and Asian-American and Native American and Pacific Islander-Serving Institutions (AANAPISIs), in a manner that adds value to the DARPA mission, and to support the development of scientific, technical, engineering, and mathematics (STEM) capabilities at such institutions.

Vision:

To engage Minority Serving Institutions (MSIs) in a manner that empowers their faculty and students to participate in future DARPA-funded research.

Goal:

1. Increase awareness of DARPA among Minority Serving Institutions (MSIs) and increase their success as they compete for research and other funding

Objectives:

1. Generate interest and increased participation by MSIs in DARPA-funded research.
2. Participate in workshops and meetings led by OSD or MSIs.
3. Report metrics on DARPA MSI-related activities and awards.
4. Collaborate with OSD and other DoD components to develop a database of MSI contacts and capabilities.

Assessment Approach:

Describe how the baseline will be determined, the data that will be collected, who will be responsible for collecting the data, the frequency with which progress will be assessed, how progress will be reported, how accountability for progress will be assigned (e.g., in performance plans), and the process for changing targets or making other mid-course corrections.

For more than 50 years, DARPA has held to a singular and enduring mission: to make pivotal investments in breakthrough technologies for national security. The success of DARPA's mission centers on the recruitment of extraordinary individuals from academia, industry and government

agencies, who serve as program managers for a limited duration – three to five years. This dynamic environment makes advance planning of specific engagements, or funding opportunities for MSI faculty and students impractical given the short tenures of our technical personnel. DARPA engages with MSIs to increase awareness of its mission, and to inform them of funding opportunities through public briefs, information on its website, social media, and targeted alerts. The agency strongly encourages participation by all capable sources: industry, academia, and individuals, to maximize the pool of innovative proposal concepts it receives.

FY2015 data will be used as a baseline to determine if the objective to generate interest and increased participation of MSIs in DARPA-funded research has been achieved.

The Small Business Programs Office will be responsible for collecting the data and assessing progress annually. The following data will be collected in accordance with current OSD guidance:

- Number of funding opportunities issued by DARPA for which Institutions of Higher Education (IHEs) were eligible
- number of IHE white papers received
- number of IHE proposals received
- number of IHE proposals selected for award
- number of MSI white papers received
- number of MSI proposals received
- number of MSI proposals selected for award
- number of alerts issued to MSIs

Progress will be reported in accordance with OSD guidance.

Objective	Activity (multiple activities are expected for each objective)	Target Audience	Schedule and Designation as Short-Term, Intermediate-Term, or Long-Term
1. Generate interest and increased participation by MSIs in DARPA-funded research.	<p>Identify and maintain a list of MSIs that map to DARPA's research areas</p> <p>Continue targeted alerts through social media, List Servs, and other mechanisms to inform them of relevant funding opportunities and announcements, which include: RFIs, RFPs, RAs, BAAs and associated proposer's days, and SBIR/STTR solicitations. In addition, these institutions receive</p>	MSIs that map to DARPA research areas	Already in place.

	<p>alerts for educational and networking events such as conferences, workshops, and thought leadership symposiums</p> <p>Continue to develop and participate in webinars to educate and inform these entities on how to do business with DARPA</p> <p>Inform POCs of resources that provide technical assistance</p>		
2. Participate in workshops and meetings led by OSD or MSIs.	Present information on how to do business with DARPA, funding and other opportunities as described in item 1.	MSIs that map to DARPA research areas	As required
3. Report metrics on all Agency MSI-related activities and awards	Collect and compile data from DARPA offices	OSD/Congress	As required
4. Collaborate with OSD/DoD to develop and maintain a database of MSI contacts and capabilities	Develop materials for Program Managers highlighting the capabilities of MSIs	OSD and DoD components	As required