

June 2021

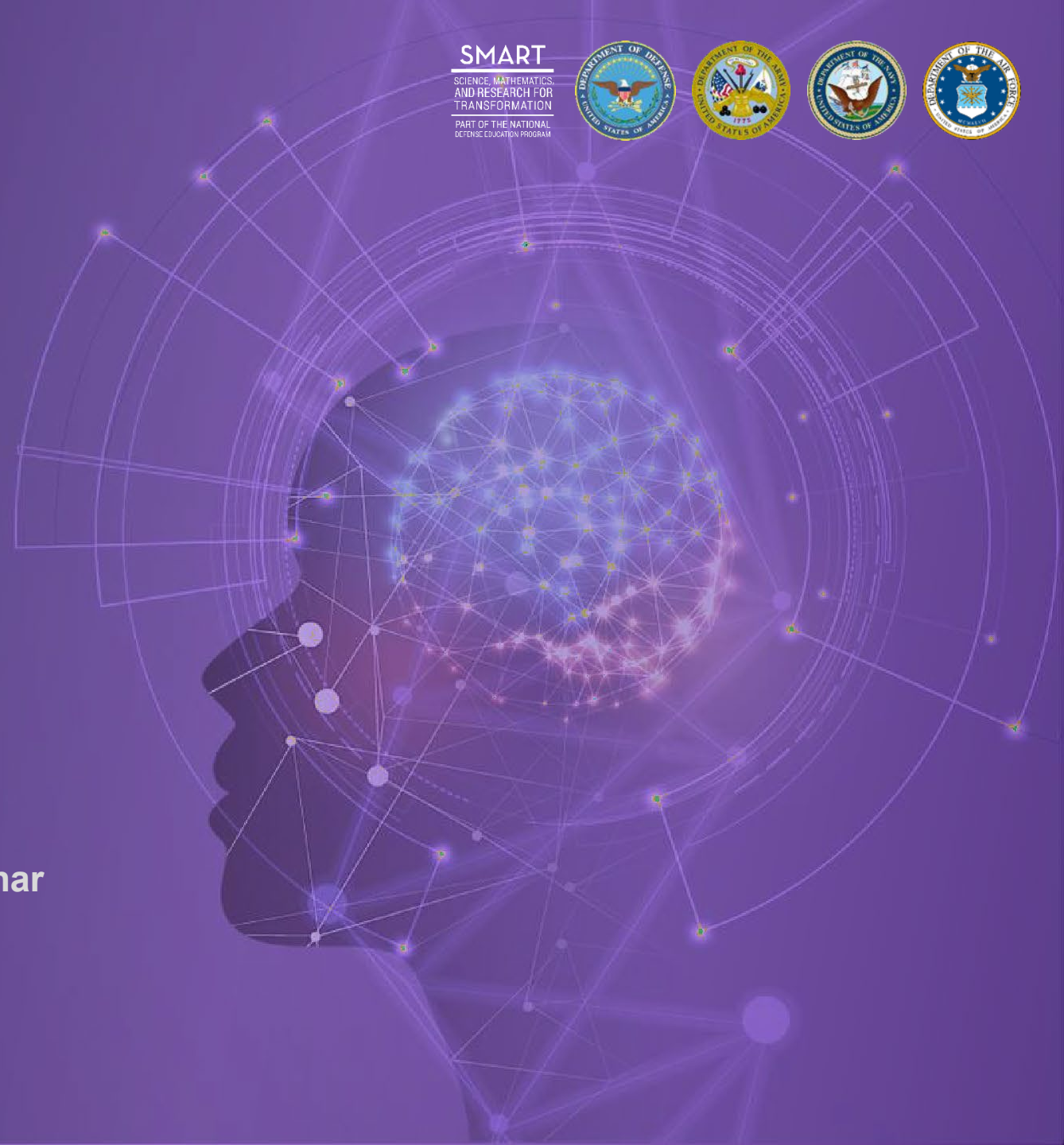
Welcome to the

Science, Mathematics, and Research for Transformation

(SMART) Scholarship-for-Service
Program

HBCU/MI National Academies Webinar

SMART
SCIENCE, MATHEMATICS,
AND RESEARCH FOR
TRANSFORMATION
PART OF THE NATIONAL
DEFENSE EDUCATION PROGRAM





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Program Overview

- SMART funds 21 STEM disciplines critical to national security and serves as a workforce development program for the DoD.
 - Increases the flow of new, highly skilled technical labor into the DoD.
 - Enhances the technical skills of the current civilian workforce.
- Awards can be made for Bachelors, Masters, or Doctorates and vary in length from a minimum of one and a half to a maximum of five years.
- Service commitment is one year of DoD employment for each academic year of SMART funding.



Full Tuition



Book and Health
Allowance



Annual Stipend



Experienced Mentor



Summer Internships



Employment

Scholar Benefits

FY19/FY20 SMART Program Highlights

SMART Scholar Success Rate

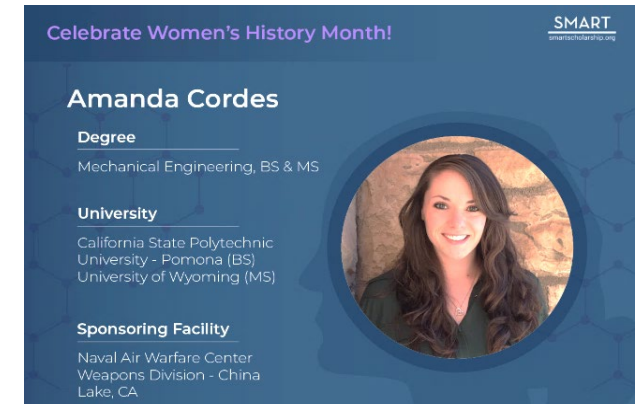
- Since 2006, 91% of scholars have met, or are on track to meet DoD service requirement

SMART Outreach and Diversity Efforts

- Continue to expand Outreach initiatives to SMART's stakeholders (DoD Labs, HBCUs/MIs)
- Implemented webinar series, "Fostering a Community of Diversity" to increase awareness of ongoing research efforts and highlight SMART scholars attending HBCUs/MIs and underrepresented groups
- SMART Evaluation 2.0 assessment facilitated by the Institute for Defense Analysis (IDA) to measure the program's effectiveness in key areas such as diversity and outreach
- Increased scholar academic pursuits and Sponsoring Facility profiles on social media in STEM, and SMART hosted virtual SMART booths at six (6) college / STEM / professional / diversity conferences

DoD Modernization Priorities

- Continue to promote opportunities in support of National Defense Strategy
- Increased visibility of Component and Sponsoring Facility mission and workforce to potential applicants



SMART Scholar SEED Grant



SMART Scholarship SEED Grant

Summary

The SMART Scholar SEED Grant Program is an opportunity for Phase 2 scholars to deepen their expertise in targeted STEM areas that enhance the Department of Defense's mission. Scholars who have pursued a Ph.D. through the SMART Program will lead their own research effort while receiving mentoring within their current Sponsoring Facility. The 2021 SEED 'garden' is comprised of 22 young professionals across the Army, Navy, and Air Force with a heavy focus on DoD Modernization.

Goals

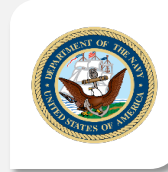
The SEED Grant develops a cadre of future talent to initiate high-impact research at SMART Sponsoring Facilities while creating Department of Defense (DoD) subject matter experts. The goal is to support promising SMART Scholars establish a foundational research and engineering effort in their area of interest as they transition from the pursuit of their Doctor of Philosophy (Ph.D.) to active DoD professionals.

Recipients for SEED Grant FY2021

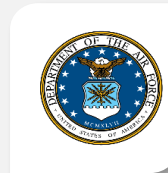
Army



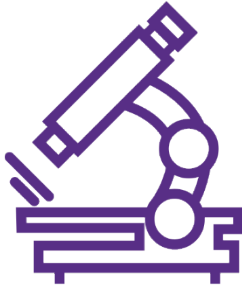
Navy



Air Force



SMART Scholar SEED Grant



**Jumpstart the Careers of SMART PhD Scholars
During the Employment Phase of Their Scholarship**



\$100k/year for up to 3 years



Attend Training &
Conferences



Extend Academic
Research at DoD Lab



Foster Collaboration
(MURIs, SBIRs, LUCI, NISE, etc.)



Materials & Equipment to
Establish New Research
Capabilities



Rapid
Innovation/Prototyping



**Provide Guidance & Mentoring to the Next
Generation of the DoD's S&T Experts**



Each PI is mentored by an
experienced member of the S&T
workforce within the PI's lab



Projects can be enhanced with an
extra \$25k/year to support the
activities of the mentor

Upcoming Events

**13-15
Jul**

SMART Symposium

Jul

Application Webinar Series

**23
Sep**

**American Indian Science and
Engineering Society**

**7
Oct**

**Women of Color STEM
Conference**

**20
Oct**

**Hispanic Engineer National
Achievement Awards Corporation/
Great Minds In STEM**

**21
Oct**

Society of Women Engineers

**28
Oct**

**Society for the Advancement of
Chicanos/Hispanics and Native
Americans in Sciences**

**10
Nov**

**Society of Hispanic
Professional Engineers**

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SMART

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Follow us on social media!

For more information on the
SMART Program, email
smart@smartscholarship.org

The SMART Application is open
August 1 – December 1

www.smartscholarship.org