

**Homeland
Security**

Science and Technology

Office of University Programs (OUP)

***Building America's Future Homeland
Security Science and Engineering Workforce***

The Department of Homeland Security (DHS) Science and Technology Directorate (S&T) Office of University Programs (OUP) offers postsecondary institutional grants, internships and summer research experiences to build a diverse, highly capable, technical workforce for the homeland security enterprise (HSE).

LAUNCH ▶

2005

PROGRAMS ▶

Summer Research Team Awards; Minority Serving Institution (MSI) Summer Leadership Awards

Workforce Development Programs Deliver Talent

By exposing students to the unique challenges of DHS, these programs help develop a cadre of professionals in science, technology, engineering and math (STEM) fields. As the number of individuals who obtain STEM-related degrees increases, the HSE gains the expertise needed to meet the complex challenges associated with keeping our nation safe.

Minority Serving Institution Awards help build a diverse homeland security STEM workforce by enhancing the capabilities of MSIs. The awards:

- Support degree completion by U.S. citizens studying in science and engineering fields relevant to the research needs of the homeland security enterprise.
- Provide resources to enhance research and technical capabilities at MSIs.
- Diversify the network of academic institutions involved in the homeland security mission by expanding and strengthening the relationships of MSI partners with the DHS Centers of Excellence (COEs) across the homeland security enterprise.

Feedback from Our Participants

"With the knowledge gained during the summer program, I have a much, much better understanding of Customs and Border Protection and Coast Guard problems and issues. This new knowledge should help me and my students in the near future as I apply for funding for projects and programs of DHS interest. So, I believe the summer research experience has helped position me for future work of interest to DHS."

Summer Research Team
Participant



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[dhs.gov/science-and-technology/
office-university-programs](https://dhs.gov/science-and-technology/office-university-programs)



Feedback from Our Participants (cont.)

"My overall impression of this experience was amazing because of the degree of hospitality and welcoming I received from the hosting faculty and students. Yes, I would recommend it to others... One of my favorite parts of this program was working alongside undergraduate and graduate students of various ethnic and cultural backgrounds."

Jacquan Pollard
Summer Research
Team Participant

"The Scientific Leadership Award has been a great benefit to our students. The grant has allowed our program to both educate and help our students financially to continue their education in fields that are critical to the Department of Homeland Security enterprise."

Dr. Martene Stanberry
Scientific Leadership
Award Recipient

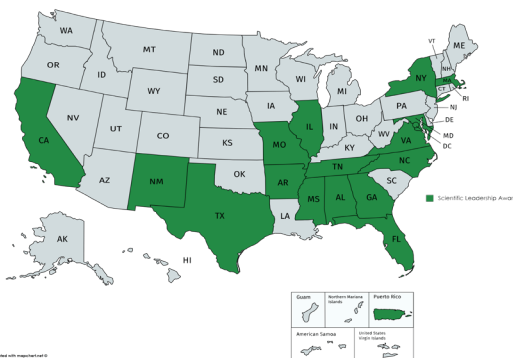
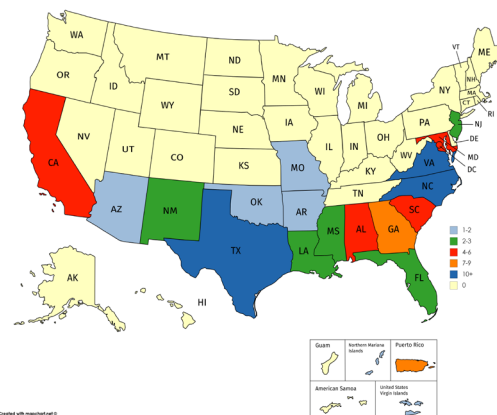


Impacts

Summer Research Team Awards (SRTs) fund research opportunities at DHS COEs to increase and enhance the scientific leadership at MSIs in DHS-relevant research areas. The SRT program provides MSI faculty and students, both undergraduate and graduate, exposure to HSE challenges. Program funding is provided to selected teams of one faculty member and one or two students. Faculty participants have an opportunity to apply for up to \$50,000 in follow-on funding. The program has:

- Sponsored 99 SRTs since 2005
- Awarded \$2.6 million in follow-on funding

See www.ora.gov/dhseducation/faculty/ for more on SRTs.



Scientific Leadership Awards (SLAs)

are institutional awards that support the development of teaching initiatives, curriculums and scholarships at MSIs in science and engineering fields. SLAs include direct student support, research and professional development opportunities for faculty, course development and equipment purchases for capability enhancement. The program has:

- Awarded \$34.4 million for 65 SLA grants since 2007

Visit www.dhs.gov/science-and-technology/office-university-programs to learn more about OUP Workforce Development Programs.



For more information, please visit
[dhs.gov/science-and-technology/
minority-serving-institutions-
program](http://dhs.gov/science-and-technology/minority-serving-institutions-program)
or
[dhs.gov/science-and-technology/
workforce-development-initiatives](http://dhs.gov/science-and-technology/workforce-development-initiatives)