**Education Programs Overview**

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. Collectively these programs help insure there will be a steady stream of Homeland Security Science, Technology, Engineering and Mathematics (HS-STEM) professionals in the future.

By providing these opportunities S&T is establishing itself as a national leader in the development of the HS-STEM workforce. By exposing students to the unique challenges of HS-STEM-related issues, these programs help develop a cadre of professionals dedicated to the DHS mission. As the number of individuals who obtain HS-STEM related degrees and employment increases, we can be assured that the homeland security enterprise (HSE) will include the STEM expertise needed to meet the complex challenges associated with keeping our nation safe.

**Career Development Grants** are competitively awarded to accredited universities in the United States to provide financial support to students interested in HS-STEM related research and careers. The institutions that receive these awards recruit and mentor participants to assure their success and direct them to HS-STEM related careers.

- 51 Career Development Grants awarded between 2007-2012
- $18.4 million in program funding since inception in 2007, averaging over $360,000 per grant

**Summer Internships** are provided to rising juniors and seniors for up to 10 weeks during the summer. Participants conduct research in DHS mission-relevant research areas at federal research facilities and DHS S&T Centers of Excellence (COE).

- Interns receive a stipend of $500 each week ($5,000 for 10 weeks)
- 204 summer internships granted since awards began in 2008
- Over $1.2 million in program funding since awards began in 2008

**Minority Serving Institutions**

**Minority Serving Institutions (MSI) Grants and Awards** build a diverse HS-STEM workforce through the DHS S&T COEs. The program’s objectives are to enhance the capacity of MSIs that receive OUP’s institutional awards through research training and practice; expand and strengthen the role of MSI partners involved with the DHS S&T COEs; devise management practices that better integrate MSI faculty and students, and other minority communities in the development of OUP research, education, and workforce development programs, and ensure that the diversity of America is reflected in the future homeland security science and technology workforce.

**Summer Research Team Project** grants fund research opportunities at DHS S&T COEs that increase and enhance the scientific leadership at MSIs in DHS-relevant research areas.

- Projects create linkages and collaborations between MSIs and COEs
- 55 Summer Research Teams sponsored since 2005

**Scientific Leadership Awards (SLA)** fund the development of HS-STEM teaching initiatives, curriculums, and scholarships at MSIs.

- Supports technical capacity development at MSIs
- Since inception in 2007, 54 SLA grants have been awarded with awards averaging $350,000 per grant
- Total funding for the SLA program from 2007 to present is approximately $19 million

To learn more about OUP STEM Education Programs, contact Stephanie Willett, Program Manager at Stephanie.Willett@hq.dhs.gov