DHS University Programs: S&T Partners

From Science and Technology... Security and Trust

Homeland Security
Office of University Programs

- Invests in the Nation’s colleges and universities to conduct multidisciplinary research and education for homeland security
- Brings together leading experts from intersecting fields of study to develop essential research and technologies that will deter terrorism and reduce damage from natural hazards
- Supports the development of curricula, as well as faculty, students, and well-trained professionals, for the next generation of homeland security leaders
- Provides reach-back to university experts to provide practical scientific and technological assistance to DHS components and clients
Centers of Excellence

- Center for Risk & Economic Analysis of Terrorism Events (CREATE)
  Based at the University of Southern California

- National Center for Food Protection & Defense (NCFPD)
  Based at the University of Minnesota

- National Center for Foreign Animal & Zoonotic Disease Defense (FAZD)
  Based at Texas A&M University

- National Consortium for the Study of Terrorism & Responses to Terrorism (START)
  Based at the University of Maryland

- National Center for Preparedness & Catastrophic Event Response (PACER)
  Based at Johns Hopkins University
Centers of Excellence, cont.

- **Center for Advancing Microbial Risk Assessment (CAMRA)**
  Based at Michigan State University, in Partnership with U.S. EPA

- **Discrete Science Centers (IDS-UACs)**
  In Cooperation with the Institute Discrete Sciences, based Lawrence Livermore National Laboratory,
  Rutgers University (Lead Center), University of Southern California,
  University of Illinois at Urbana-Champaign, University of Pittsburgh

- **Regional Visualization & Analytics Centers (RVACs)**
  In Partnership with National VAC at Pacific Northwest National Laboratory:
  Penn State University, Purdue University, Stanford University,
  University of North Carolina at Charlotte, University of Washington
New COEs for 2008

1. Explosives Detection, Mitigation and Response
   • Research Co-Lead: Northeastern University
   • Education Co-Lead: University of Rhode Island

2. Border Security and Immigration
   • Research Co-Lead: University of Arizona
   • Education Co-Lead: University of Texas at El Paso

3. Maritime, Island and Extreme/Remote Environment Security
   • Maritime-Ocean and Islands Co-Lead: University of Hawaii
   • Maritime-Port Security Co-Lead: Stevens Institute of Technology

4. Natural Disasters, Coastal Infrastructure and Emergency Management
   • Research Co-Lead: University of North Carolina, Chapel Hill
   • Education Co-Lead: Jackson State University

5. Transportation Security COE
   • Research Co-Lead: University of Connecticut
   • Education Co-Lead: Tougaloo College
   • Petrochemical Transportation Security: Texas Southern University

Red = MSI
# COE Alignment

## S&T DIVISIONS

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## Operations & Analysis

**Risk Sciences Branch & HSI Risk Determination**