

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



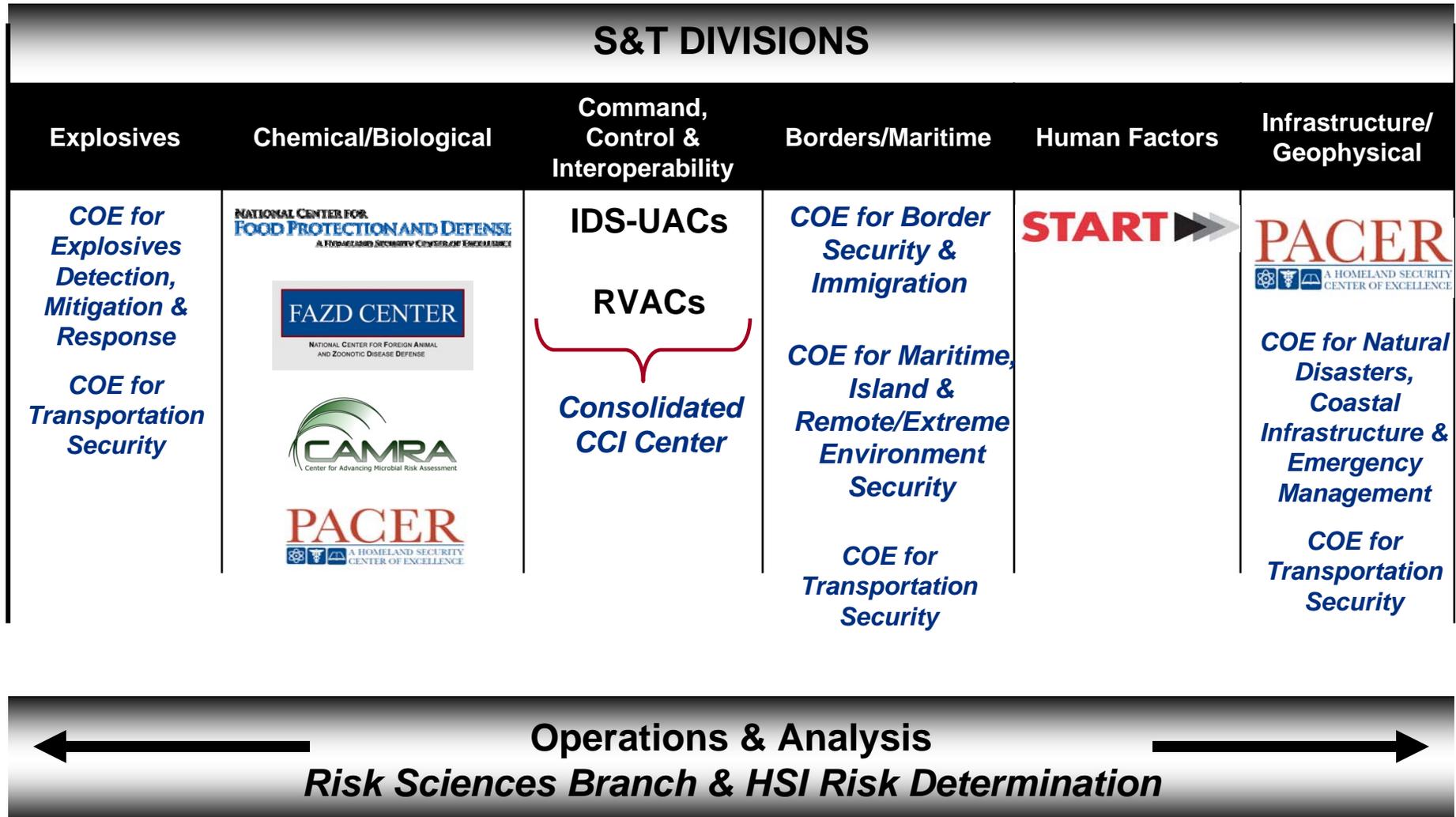
**Homeland
Security**

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**



COE Alignment



Homeland Security



THE DHS UNIVERSITY NETWORK

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