Homeland Security Institute

OVERVIEW
Outline

• Charter
• What Makes Us Different
• Our People
• Our Value Added Capabilities
• Outside Partners
• Going Forward
The Homeland Security Institute (HSI) is a Congressionally chartered Federally Funded Research and Development Center (FFRDC). [1] We are dedicated solely to supporting the Department of Homeland Security (DHS) and the homeland security mission.

What Makes Us Different

- Not-for-Profit - Dedicated Exclusively to Homeland Security
- Objective, Independent, and Trusted Agent
- Long-term Strategic Partner
- Rigorous Research to address the most complex problems
- Practical and Useful Results
- Actionable Recommendations

Serving the Nation Since June 2004
Our People

- Maintain a pool of seasoned analysts focused solely on homeland security
- Full range of academic disciplines
- Professional experience includes: for profit business, planning and programming, emergency management, technology assessments, intelligence, law enforcement, military operations, the Coast Guard, and public health
Our Value Added Capabilities

- Risk Analysis
- Operations Analysis
- Threat Analysis
- Systems Analysis
- Information Sharing Analysis
- Policy and Planning Analysis
- Program Analysis
- Science and Technology Assessments
- Training, Education, and Professional Development
Risk Analysis

Our Expertise:
- Security Studies
- Decision Sciences / Mathematics
- Economics
- Strategic Planning and Mission Analysis
- Program Assessment
- Public Administration
- Organizational Behavior Modeling and Analysis
- Behavioral Sciences

Client: All DHS Components

Project: General Aviation Risk Assessment
Client: TSA
Operations Analysis

Our Expertise:

- Operations Analysis / Operations Research
- Modeling and Simulation
- Systems Engineering
- Management Sciences
- Relevant Operational Experience (e.g., with CBP, FEMA, USCG, USSS, ICE, FAA, DEA, DoD...)

Project: Customs and Border Protection Operational Assessment

Client: Customs and Border Protection (CBP)
Threat Analysis

Our Expertise:

- Organizational Behavior Modeling and Analysis
- Behavioral Sciences
- Intelligence
- Criminal Justice
- Security Studies
- Decision Sciences
- Program Evaluation
- Terrorism / Counterterrorism

Project: International Terrorist Incidents Involving Education Targets
Client: Dept. of Education
Systems Analysis

Our Expertise:

- Systems Engineering
- Modeling and Simulation
- Mathematics/Operations Research
- Management Sciences
- Cost Analysis
- Acquisition
- Logistics
- Requirements Development and Management

Project: Wide-Area Biological Restoration Report
Client: DHS S&T
Information Sharing Analysis

Our Expertise:

- Intelligence
- Criminal Justice
- Terrorism/Counterterrorism
- Information Sharing Strategy Development and Management
- Relevant Operational Experience (e.g., with CIA, ICE, CBP, USCG, USSS, DoD...)

Project: Heralding Unheard Voices:
The Role of Faith-Based and Non-Governmental Organizations During Disasters
Client: DHS S&T / Private Sector
Our Expertise:

- Public Policy
- Public Administration
- Planning
- Organizational Theory, Development, Management, and Governance
- Management Sciences
- Financial Planning and Management
- Logistics Planning


Client: All DHS Components
Program Analysis

Our Expertise:

- Public Administration
- Management Sciences
- Financial Management
- Economics
- Acquisition / Program Management Certification
- Logistics Planning
- Business Administration

Project: Independent Cost Assessment of the Nationwide Automatic Identification System
Client: USCG
Science and Technology Assessments

Our Expertise:
- Science and Technology Program Management
- Chemical and Biological Defense
- Microbiology
- Molecular Biology, Biochemistry, and Genetics
- Chemistry
- Physics
- Environmental Engineering
- Detector Development

Project: DHS Chemical Countermeasures Program Planning Area—Strategic Review
Project: Biodefense Net Assessment
Client: Interagency Review Panels / DHS S&T
Training, Education, and Professional Development

Our Expertise:
- Education and Training
- Exercises and Simulations
- Curriculum Development
- Doctrine Development
- TEPD Program Assessment
- Subject Matter Expertise in Homeland Security Fields

Project: Training Management and Professional Development Study
Client: DHS Preparedness

Homeland Security Institute
Partners

• Lots of Progress
• Internal Stakeholders:
  – DHS – now supporting 18 components / staff functions
  – Other Federal Agencies – DoEd, DoD, ODNI
• External Support (to the work):
  – Outside SMEs
  – Corporate Reachback
  – Other FFRDCs
  – COEs
Going Forward

Uniquely positioned to:

- Help address the most difficult issues
- Help the nation invest limited resources wisely
- Help transition DHS to a new Administration
Conclusion

• The Homeland Security Institute is a good news story
  – Positioned as an integrator with potential to help foster collaboration and cohesion among the disparate elements of government and beyond.
  – Demonstrated potential to make an ever-increasing, enduring contribution in the Homeland Security mission space.
  – Represents the development of a National asset that will continue to expand its influence going forward.