

## Purdue Homeland Security Institute

### About PHSI

Under the umbrella of the e-Enterprise Center in Discovery Park at Purdue University, PHSI encourages interdisciplinary collaboration on technological and societal issues related to Homeland Security.

### Capabilities

#### Research

- Grants Facilitation
- DHS CoE Research Partnerships
- Muscatatuck Research Testbed

#### Academics

- K-12 Curriculum Development
- Eta Sigma Iota
- Graduate Programs
- Professional Programs

#### Engagement

- Super Project Management
- Exercise and Training Program
  - Exercise Facilitation
  - Training Program Development
  - Operations Center Evaluations
  - Mixed Reality Computer Simulation
- Conferences

### Contact

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### An Interdisciplinary Approach

The Institute's position within Purdue's Discovery Park facilitates interdisciplinary research, engagement and education activities across campus, including the following areas:

- Veterinary Medicine
- Engineering
- Management
- Science
- Liberal Arts
- Nursing
- Health Sciences
- Consumer Sciences
- Technology
- Agriculture

### Mission

To aggressively grow interdisciplinary research to develop future leaders and inform policy that will enhance Homeland Security.

### Vision

PHSI will be the pacesetter in our chosen markets for:

- Being a chosen partner for Purdue and Indiana faculty for research
- Developing policy and doctrine in concert with policy centers and research cores which can provide continuity across research cores for global optimization
- Validating Homeland Security technology policy & practice particularly among the first responder audience
- Providing program assistance in research cores for more efficient utilization of human capital and aid in knowledge transfer between cores when applicable
- All of these above should precipitate developing a Homeland Security education curriculum and career development pipeline

### Core Research Centers

- Center for Computational Homeland Security
- Center for Sensing Science and Technology
- Center for Security of Large Scale Systems
- National Biosecurity Resource Center
- Muscatatuck Urban Training Center

### Partnerships

The Purdue Homeland Security Institute partners with a multitude of agencies and business organizations that share in the Institute's vision for homeland security activities.

Partners include:

- Indiana National Guard
- Indiana Department of Homeland Security
- Indiana State Department of Health
- Indiana State Police
- Federal Bureau of Investigation
- Pacific Northwest National Laboratory
- Indiana Board of Animal Health
- Federal, State and Local Agencies
- Small and large private and public corporations

