

# Message from the President

"Few universities are doing as much work in areas related to national security as Penn State...Penn State has been one of the leading developers of technology for the United States Navy, and we've worked with the Marine Corps, Homeland Security and a broad range of other federal agencies through our Applied Research Laboratory and other units of the University increasingly."

President Graham Spanier  
The Pennsylvania State University



## Contact Information

For a complete list of learning, discovery and engagement programs, visit our website.

[www.homelandsecurity.psu.edu](http://www.homelandsecurity.psu.edu)

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# HSI

## Homeland Security Initiative



[www.homelandsecurity.psu.edu](http://www.homelandsecurity.psu.edu)

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# EDUCATION

“It’s so different from the training that I get from the government. The Penn State program is public health oriented, so I’m getting a more well-rounded understanding of the impact of terrorism. I never thought about the hospitals before or surge capacity or the types of injuries that might come about from different (terrorist) events. It gives me more things to think about.”

Rebecca Stivers

Master of Homeland Security in Public Health Preparedness  
Federal Government Investigator, New York City



Penn State offers an ever-expanding universe of degrees and certificate programs to educate the next generation of government and industry leaders in national security, intelligence, emergency preparedness, and emerging fields. Degrees and certificates offered at Penn State include:

- Bachelor’s Degree in Forensic Science
- Bachelor’s Degree in Security and Risk Analysis
- Master of Geographic Information Systems
- Master of Homeland Security in Public Health Preparedness
- Master of Professional Studies in Forensic Science
- Graduate Certificate in Homeland Security and Defense
- Graduate Certificate in Bioterrorism Preparedness
- Graduate Certificate in Disaster Preparedness

# RESEARCH

Penn State researchers are inventing technologies and processes to ensure the security of our nation. For example, researchers in the Spatial Information and Intelligence Lab are developing geographic information systems with interfaces that are natural, multimodal, multi-user and dialogue-enabled. They are making use of large-screen displays, virtual environments and mobile technologies for collaborative spatial decision-making among teams. Applications and benefits of this technology include improving geo-collaboration in crisis management, spatial intelligence for homeland security, and supporting humanitarian relief during natural disasters. Visit our website for more details and discover other research projects, laboratories and centers such as:

- Applied Research Laboratory
- Center for Chemical Ecology
- Center for Infectious Disease Dynamics
- Center for Network Centric Cognition and Information Fusion
- International Center for the Study of Terrorism
- Protective Technology Center
- Systems and Internet Infrastructure Security Lab



# OUTREACH

“Because of Penn State’s Cooperative Extension’s extensive efforts in areas such as food safety training; biosecurity and agrosecurity education for plant and animal producers; county emergency response teams; field surveillance and detection programs; and disaster recovery training, the agriculture industry is able to be proactive about Pennsylvania’s Homeland Security for our 58,000 farms, as well as our 12.5 million citizens.”

Dennis C. Wolff

Secretary of Agriculture  
Pennsylvania Department of Agriculture



Penn State is a U.S. leader in fostering national security outreach to the Pennsylvania community. For example, the College of Agricultural Sciences’ Cooperative Extension and Outreach programs serve all 67 Pennsylvania counties and beyond. Examples of their services include:

- Food Safety
- Human Health Safety
- Emergency Readiness
- Business Continuity Planning
- General Disaster Resources
- Farm and Home Biosecurity