

Centers of Excellence

The following are Centers of Excellence across the country.

Center	Institution(s)	Description
Center for Advancing Microbial Risk Assessment (CAMRA)	<ul style="list-style-type: none"> Michigan State University Drexel University 	Established jointly with the U.S. Environmental Protection Agency; fills critical gaps in risk assessments for mitigating microbial hazards.
Center for Maritime, Island, and Remote and Extreme Environment Security (MIREES)	<ul style="list-style-type: none"> University of Hawaii Stevens Institute of Technology 	Focuses on developing robust research and education programs addressing maritime domain awareness to safeguard populations and properties in geographical areas that present significant security challenges.
Center for Risk and Economic Analysis of Terrorism Events (CREATE)	University of Southern California	Develops advanced tools to evaluate the risks, costs and consequences of terrorism
Center for Visualization and Data Analytics (CVADA)	<ul style="list-style-type: none"> Purdue University (visualization sciences co-lead) Rutgers University (data sciences co-lead) 	Creates the scientific basis and enduring technologies needed to analyze massive amounts of information to detect security threats.
Center of Excellence for Awareness & Location of Explosives-Related Threats (ALERT)	<ul style="list-style-type: none"> Northeastern University University of Rhode Island 	Will develop new means and methods to protect the Nation from explosives-related threats.
Center of Excellence for Zoonotic and Animal Disease Defense (ZADD)	<ul style="list-style-type: none"> Texas A&M University Kansas State University 	Protects the nation's agricultural and public health sectors against high-consequence foreign animal, emerging, and zoonotic disease threats.
Coastal Hazards Center of Excellence (CHC)	<ul style="list-style-type: none"> University of North Carolina at Chapel Hill Jackson State University in Jackson, Mississippi 	Performs research and develops education programs to enhance the nation's ability to safeguard populations, properties, and economies from catastrophic natural disaster.
National Center for Border Security and Immigration (NCBSI)	<ul style="list-style-type: none"> University of Arizona, Tucson (research co-lead) University of Texas, El Paso (education co-lead) 	Developing technologies, tools, and advanced methods to balance immigration and commerce with effective border security.
National Center for Food Protection and Defense (NCFPD)	University of Minnesota	Defends the safety and security of the food system by conducting research to protect vulnerabilities in the nation's food supply chain.

Center	Institution(s)	Description
National Center for the Study of Preparedness and Catastrophic Event Response (PACER)	Johns Hopkins University	Optimizes national preparedness in the event of a high-consequence natural or man-made disaster.
National Consortium for the Study of Terrorism and Responses to Terrorism (START)	University of Maryland	Informs decisions of how to disrupt terrorists and terrorist groups using empirically-grounded findings on the human element of the terrorist threat.
National Transportation Security Center of Excellence (NTSCOE)	<ul style="list-style-type: none"> • Connecticut Transportation Institute at the University of Connecticut • Tougaloo College • Texas Southern University • National Transit Institute at Rutgers - the State University of New Jersey • Homeland Security Management Institute at Long Island University • Mack Blackwell National Rural Transportation Study Center at the University of Arkansas • Mineta Transportation Institute at San José State University 	<ul style="list-style-type: none"> • Established in accordance with HR1, Implementing the Recommendations of the 9/11 Commission Act of 2007, in August 2007. • Develops new technologies, tools and advanced methods to defend, protect, and increase the resilience of the nation's multimodal transportation.