



National Counterterrorism Innovation, Technology, and Education Center (NCITE) A Nationwide Consortium Led by University of Nebraska at Omaha

A DHS Center of Excellence

NCITE provides access to innovation, technology, and education for counterterrorism professionals in the Homeland Security Enterprise (HSE) and intelligence community. The center supports HSE counterterrorism missions with user-inspired projects dedicated to terrorism prevention and emerging threat awareness. NCITE identifies mentors and evaluates products from the academic community to help support the research that makes an operational impact to the HSE.

Research and Education Capabilities

- Understanding counterterrorism and targeted violence operations
- Improving the Nationwide Suspicious Activity Reporting Initiative
- Developing terrorism and targeted violence prevention tools
- Strengthening the current and future counterterrorism workforce

About NCITE

LAUNCH	2020
PARTNERS	More than 50 university and industry partners
EXPERTISE	Business, Counterterrorism, Criminology, Education, Information Technology, Innovation, Political Science, Psychology
DHS ALIGNMENT	Center for Prevention Programs and Partnerships (CP3), U.S. Coast Guard (USCG), Countering Weapons of Mass Destruction Office (CWMD), U.S. Customs and Border Protection (CBP), Cybersecurity and Infrastructure Security Agency (CISA), DHS Headquarters (HQ), U.S. Immigration and Customs Enforcement (ICE), Office of Intelligence and Analysis (I&A), Management Directorate, DHS Science and Technology Directorate (S&T), U.S. Secret Service (USSS), Transportation Security Administration (TSA)

Feedback from Our Partners

“NCITE plays an important part in understanding the operational challenges DHS intelligence faces to develop a workforce to support Departmental needs. Our missions are many and the operational environment is continually changing. NCITE research projects play an important role in our efforts to understand as the mission space evolves how the Department can make more informed decisions to mitigate the impacts.”

Jeff Brownsweiger, Director, Engagement and Liaison Office, DHS Office of Intelligence & Analysis

University Partners

American University
Chapman University
John Jay College of Criminal Justice*
Kennesaw State University
Michigan State University
Pennsylvania State University
San Diego State University*
Stanford University
University of Alabama
University of Amsterdam
University of Connecticut
University of Maryland
University of Massachusetts Lowell
University at Albany State University
of New York
Temple University
The George Washington University
University College London
University of Central Florida*
University of Maine
University of Nebraska Lincoln
University of Nebraska Medical Center
University of Nebraska at Omaha
University of Oklahoma

*Minority Serving Institution (MSI)

Enterprise Partners

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For a complete list of partners and more information, please visit www.unomaha.edu/ncite

For more information on DHS Centers of Excellence, please visit www.dhs.gov/science and www.dhs.gov/technology/centers_excellence



Impacts



Countering Terrorist Threats to the United States

NCITE researchers partner closely with HSE professionals at the Counterterrorism Mission Center, the FBI's Joint Terrorism Task Force, and state and local law enforcement and intelligence officers through the fusion center network. Through user-inspired projects, NCITE develops tools and improves the analytic work of identifying and neutralizing emerging and existing terrorist threats across rural towns, tribal territories, and urban U.S. cities.



Developing the Counterterrorism Workforce for Innovation

Most of the counterterrorism workforce offices at DHS are relatively young compared to other offices in the Intelligence Community and the Homeland Security Enterprise in general. NCITE researchers are investigating new approaches to teach current and future DHS counterterrorism professionals to "speak digitally" through the latest techniques in machine learning, artificial intelligence, and next-gen analytic capabilities for innovation.



Creating Prevention Partnerships

The private sector owns roughly 85 percent of the nation's critical infrastructure. In addition, friends, family members, and co-workers are often most poised to know when someone is mobilizing toward violence. NCITE strengthens public-private-academic partnerships, including work with CP3's Regional Prevention Coordinator network, with the goal of improving threat detection and intervention programs.



Minority Serving Institutions and Workforce Development Initiative Expansion

NCITE is collaborating with San Diego State University (SDSU), a federally-designated Hispanic-serving institution, by providing training in STEM-focused technology, big data, visualization, data analytics, and disaster response to students in SDSU's Homeland Security Graduate Program. The team focuses their teaching and research on real-world HSE problems such as drug smuggling, trafficking, and terrorism and targeted extremism. Additionally, NCITE supports a unique MBA capstone project that pairs University of Nebraska at Omaha business students with DHS components. The program awakens students to DHS needs and careers while also providing a business perspective on DHS problem sets.