



# National Counterterrorism Innovation, Technology, and Education Center (NCITE)

A Nationwide Consortium Led by University of Nebraska at Omaha

## A DHS Center of Excellence

The NCITE Center provides access to innovation, technology and education for counterterrorism professionals working with the homeland security enterprise (HSE). The center supports the HSE counterterrorism missions and professionals with user-inspired projects that are necessary to prevent terrorism and improve security. Providing access to innovation, technology, and education, NCITE additionally, identifies mentors, and evaluates products from the academic community to help support the research that makes a difference to the HSE and can be applied to operations.

## 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

<b>LAUNCH</b>	2020
<b>PARTNERS</b>	More than 50 university and industry partners
<b>EXPERTISE</b>	Business, Counterterrorism, Criminology, Education, Information Technology, Innovation, Political Science, Psychology
<b>DHS ALIGNMENT</b>	Center for Prevention Programs and Partnerships (CP3), U.S. Coast Guard (USCG), Countering Weapons of Mass Destruction (CWMD), Counterterrorism Mission Center, 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 (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**, Senior Advisor to the Executive Director of the Intelligence Training Division and Acting Director of the DHS Intelligence Training Academy

## University Partners

Chapman University  
The George Washington University  
John Jay College\*  
King's College London  
Michigan State University  
Pennsylvania State University  
Research Triangle International  
San Diego State University \*  
Stanford University  
University at Albany - State University  
of New York  
Temple University  
University of Central Florida\*  
University of Maine  
University of Nebraska-Lincoln  
University of Nebraska Medical  
Center  
University of Nebraska at Omaha  
University of Oklahoma  
University College London

\*Minority Serving Institution (MSI)

## Enterprise Partners

Nebraska Business Development  
Center  
UNeTech  
Trility Consulting  
Awareity  
National Strategic Research Institute  
National Drought Mitigation Center  
Nebraska Public Policy Center  
Human Resources Research  
Organization (HumRRO)  
Peraton  
Splunk  
Union Pacific  
First National Bank of Omaha



For a complete list of partners  
and more information, please visit  
[www.unomaha.edu/ncite](http://www.unomaha.edu/ncite)

For more information on DHS  
Centers of Excellence, please visit  
[www.dhs.gov/science-and-technology/centers-excellence](http://www.dhs.gov/science-and-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. A key area of NCITE research is to strengthen the public-private-academic partnerships needed for a whole-of-society response to prevent terrorism in the U.S.



### Minority Serving Institutions and Workforce Development Initiative Expansion

NCITE is collaborating with San Diego State University, 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.