

U.S. Department of Homeland Security | Science and Technology Directorate

---

# Office of University Programs

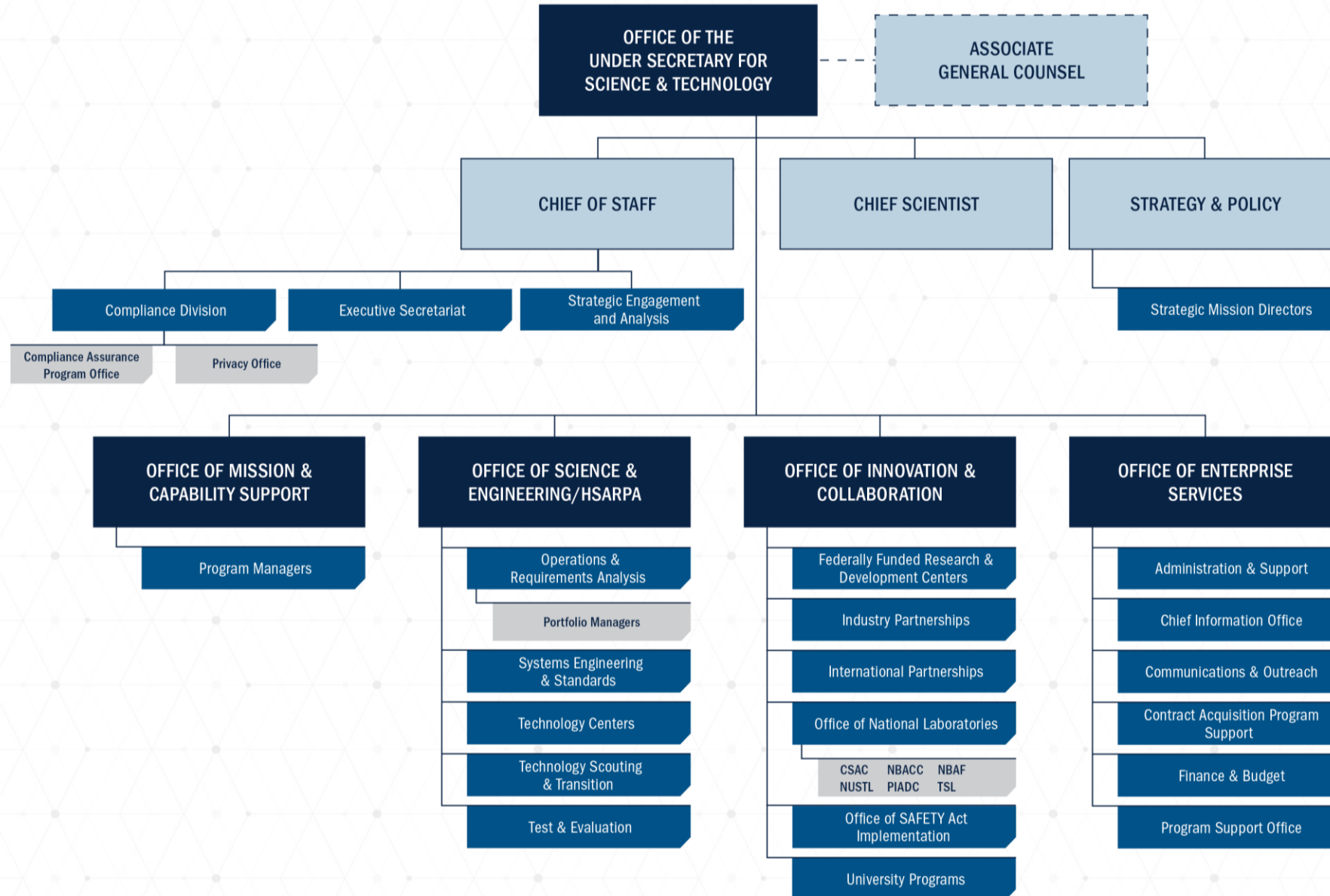


Science and  
Technology

Chelsea Thompson, Ph.D.  
Program Manager

25 July 2023

# S&T Organizational Chart



# Convening a Network of Experts

S&T brings together world-class experts to solve the nation's toughest challenges through our research institutions, academia and partners across the globe.



## Centers of Excellence

DHS COEs are an extended consortium of hundreds of universities conducting groundbreaking research and developing customer-driven, innovative tools and technologies.



## International Partners

S&T leverages the research infrastructure and technical expertise of our international partners to open-up access to global research, development, test and evaluation.



## Federally Funded Research & Development Centers

DHS FFRDCs focus on providing guidance, expertise and access to advanced technical and analytic capabilities to help keep America safe.



## DHS S&T National Laboratories

S&T's five national laboratories provide technical expertise, infrastructure and core capabilities in chemical, biological and radiological response; animal disease; explosives and contraband detection and mitigation; and first responder focus areas.



# Office of University Programs

*Bringing Innovation to Operations*

The Office of University Programs harnesses the intellectual power of America's universities to provide innovative research, development, and education to the Homeland Security Enterprise.

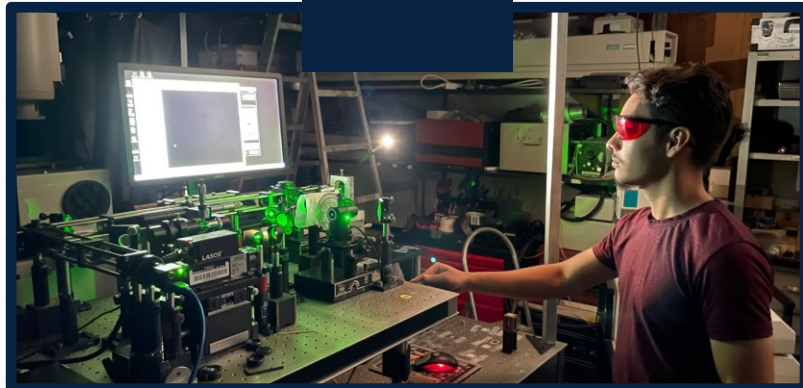
## Centers of Excellence

Multidisciplinary academic consortia that engage leading experts to conduct groundbreaking research on threats facing the Homeland.



## Workforce Development

Engage with the next generation of homeland security professionals and provide growth and development for the current workforce.



## Minority Serving Institutions

Provide opportunities that foster and cultivate a diverse university-based research capability and talented workforce.



# Centers of Excellence

The Centers of Excellence (COEs) are **university-led** research networks that **anticipate** threats and challenges to the homeland and operations. The COEs leverage their unique access to **multidisciplinary** expertise to conduct **groundbreaking** research resulting in rigorous, **objective** knowledge and solutions for DHS.



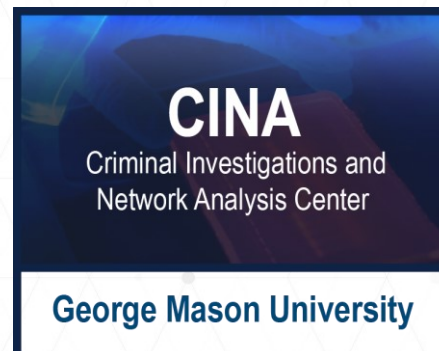
**CAOE**  
Center for Accelerating  
Operational Efficiency

Arizona State University



**CBTS**  
Cross-Border Threat Screening  
and Supply Chain Defense

Texas A&M



**CINA**  
Criminal Investigations and  
Network Analysis Center

George Mason University



**CIRI**  
Critical Infrastructure  
Resilience Institute

University of Illinois at  
Urbana-Champaign



**CRC**  
Coastal Resilience Center

University of North Carolina  
at Chapel Hill



**MBA**  
Security Technology Transition

The George  
Washington University



**NCITE**  
National Counterterrorism Innovation,  
Technology, and Education

University of Nebraska  
at Omaha





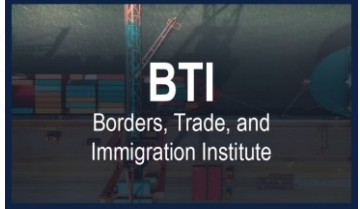
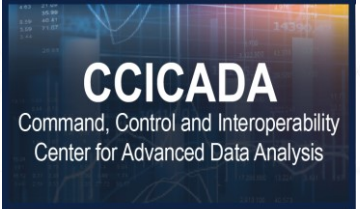








**SENTRY**  
Soft-target Engineering to Neutralize  
the Threat Reality

Northeastern University



# Emeritus Centers of Excellence

The Emeritus Centers of Excellence (COEs) have completed their OUP funded period of performance to develop networks of **university-led** research. The network and knowledge on topics important to the Department can still be utilized for specific projects by those across DHS and the U.S. Government.

 <p><b>ADAC</b> Arctic Domain Awareness Center</p>	 <p><b>ALERT</b> Awareness and Localization of Explosives-Related Threats</p>	 <p><b>BTI</b> Borders, Trade, and Immigration Institute</p>	 <p><b>CCICADA</b> Command, Control and Interoperability Center for Advanced Data Analysis</p>	 <p><b>CEEZAD</b> Center of Excellence for Emerging and Zoonotic Animal Diseases</p>	 <p><b>CHC</b> Coastal Hazards Center</p>
University of Alaska	Northeastern University	University of Houston	Rutgers University	Kansas State University	Jackson State University
 <p><b>MSC</b> Maritime Security Center</p>	 <p><b>CREATE</b> Center for Risk and Economic Analysis of Threats and Emergencies</p>	 <p><b>FPDI</b> Food Protection and Defense Institute</p>	 <p><b>IIAD</b> Institute for Infectious Animal Diseases</p>	 <p><b>START</b> National Consortium for the Study of Terrorism and Responses to Terrorism</p>	 <p><b>VACCINE</b> Visual Analytics for Command, Control, and Interoperability Environments</p>
Stevens Institute of Technology	University of Southern California	University of Minnesota	Texas A&M University	University of Maryland	Purdue University

# Thank You!

**Chelsea Thompson, Ph.D.**

Program Manager

[Chelsea.Thompson@hq.dhs.gov](mailto:Chelsea.Thompson@hq.dhs.gov)



[scitech.dhs.gov](https://scitech.dhs.gov)



[SandT.Innovation@hq.dhs.gov](mailto:SandT.Innovation@hq.dhs.gov)



[@dhsscitech](#)