



NATIONAL SECURITY COLLABORATION CENTER

Overview

The nation’s top cybersecurity program takes a leap forward with infrastructure investments to advance Government–University–Industry partnerships in the interest of national security.

OVERVIEW

The University of Texas at San Antonio (UTSA) has created the National Security Collaboration Center (NSCC) to advance research, education and workforce development focusing in the areas of cybersecurity, data analytics and cloud computing. The NSCC builds a collaborative and impactful government-university-industry ecosystem engaging federal agencies, contractor and industry leaders, and academia to solve the nation’s greatest issues surrounding cybersecurity.

THE CHALLENGE

Demand for cybersecurity professionals far outpaces the current global supply, with a predicted 1.8 million additional workers needed by 2022 to accommodate the shortfall. Governmental agencies are calling for greater collaboration to address America’s national security infrastructure protection. As the nation’s seventh largest city and second largest cybersecurity hub, San Antonio is uniquely positioned to lead the nation in cyber research and workforce development.

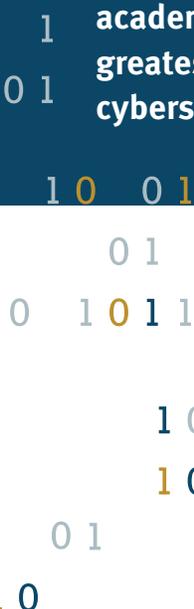
THE IMPACT

The NSCC builds on UTSA’s leadership in the field with over 4,000 graduate and undergraduate students studying in fields of technology and computation and the nation’s #1 cybersecurity program. The NSCC is a hub for cyber activity in the region and a home for various federal and industry partners to engage with faculty and student researchers. The center addresses critical workforce needs by producing crosstrained, multidisciplinary cyber scholars prepared to work in all facets of cybersecurity, whether in government or industry.

FOR MORE INFORMATION

Brig. Gen. Guy Walsh, USAF, (Ret.)
Executive Director, National Security Collaboration Center
The University of Texas at San Antonio
210-458-6045 | NSCC@utsa.edu

<https://nsc.utsa.edu>



RESEARCH AREAS

- » **5G WIRELESS**
- » **MILITARY HEALTH AND TELEMEDICINE**
- » **CYBERSECURITY & CLOUD COMPUTING**
- » **ANTI-TERRORISM**
- » **CYBER ATTACK/DETERRENCE & POLICY**
- » **INFECTIOUS DISEASES
& BIOLOGICAL THREATS**
- » **DEMOGRAPHIC METHODS & TRENDS**
- » **GOVERNANCE & POLICY**
- » **EMERGENCY MANAGEMENT
& COMMUNICATIONS**
- » **BORDER & REFUGEE ISSUES**
- » **ADVANCED MATERIALS**
- » **NANOTECHNOLOGY**
- » **CRITICAL INFRASTRUCTURE
PROTECTION**
- » **ROBOTICS & UAVS**
- » **ANALYTICS**
- » **HIGH PERFORMANCE COMPUTING**
- » **ARTIFICIAL INTELLIGENCE**
- » **MACHINE LEARNING**
- » **DATA VISUALIZATION**
- » **ELECTRONIC SPECTRUM**
- » **ELECTRONIC WARFARE**

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GOVERNMENT PARTNERS

- » 16th Air Force
- » Air Force Research Laboratory
- » Air Force 59th Medical Wing
- » Air Force Air Education and Training Command
- » Air Force Life Cycle Management Center
- » Air Force Chief Data Science Office
- » Army Research Laboratory
- » Defense Intelligence Agency
- » Department of Energy
 - Idaho National Laboratory
 - Sandia National Laboratory
 - Oak Ridge National Laboratory
 - Pacific Northwest National Laboratory
- » Federal Bureau of Investigation
- » The Mitre Corporation (FFRDC)
- » NSA Texas
- » Southwest Texas Fusion Center
- » STRATCOM Academic Alliance
- » Texas Department of Information Resources
- » US Secret Service

INDUSTRY AND NON-PROFIT PARTNERS

- » Accenture
- » Alamo AFCEA
- » Air Force Association CyberPatriot
- » Booz Allen Hamilton
- » Build Sec Foundry
- » CACI International Inc.
- » Cisco
- » CNF Technologies
- » CPS Energy
- » CyberSecurity San Antonio
- » CyberTexas Foundation
- » Dell Technologies
- » Denim Group
- » Elevate Systems
- » EMP Shield
- » IPSecure
- » Leidos
- » Noblis
- » Parsons
- » Peraton
- » Port San Antonio
- » Raytheon
- » San Antonio Chamber of Commerce
- » San Antonio Economic Development Foundation
- » Sentar
- » Sierra Nevada Corporation
- » Southwest Research Institute
- » USAA

ACADEMIC PARTNERS

- » Arizona State University
- » New Mexico Tech
- » Texas A&M San Antonio
- » University of the Incarnate Word