Institute for Cyber Security (ICS)

Ravi Sandhu

Executive Director
Professor of Computer Science
www.ics.utsa.edu
ICS is a multi-disciplinary research center
Curriculum activities are in collaboration with academic units in the Colleges of Science, Engineering, Business and Education

Facilities

- FlexCloud: multi-cloud laboratory for secure cloud computing and IoT research
- FlexFarm: honeyfarm for malware research
- Hosted in UTSA’s research data center
- Managed by professional technical staff
Institute for Cyber Security (ICS)

VISION/MISSION

**Vision:** World Leading Research with Real-World Impact!

**Mission:** Excellence in graduate-level sponsored research

**MAJOR RESEARCH AREAS INCLUDE**
- Secure Cloud Computing
- Secure Internet of Things
- BlockChain Applications
- Big Data Security
- AI for Cyber Security
- Trustworthy AI
- Malware
- Cyber Security Dynamics
- Android Security
- ………………….
Research Productivity

**CORE FACULTY INCLUDE**

**Computer Science:**
- Ravi Sandhu
- Murtuza Jadliwala
- Jianwei Niu
- Shouhuai Xu
- Xiaoyin Wang

**Elect. and Computer Engg:**
- Yufei Huang
- Ram Krishnan
- Jeff Prevost

**Info. Systems and Cyber Security:**
- Nicole Beebe
- Raymond Choo

**Education:**
- Guadalupe Carmona

**FUNDING:** Primarily NSF, DoD and other Federal Agencies

**RECENT GRANTS INCLUDE**

- NSF: CREST Center for Security and Privacy Enhanced Cloud Computing (C-SPECC), 2017-2023
  PI: Sandhu, Co-PIs: Beebe, Carmona, Krishnan, Prevost
  PI: Murtuza Jadliwala
  PI: Xiaoyin Wang
- NSF Career: Group-Centric Secure Information Modules, Properties, and Implementation, 2016-2021
  PI: Ram Krishnan
- DoD-ARL: Modeling, Analyzing and Predicting Cyber Attacks, 2017-2022
  PI: Shouhuai Xu
  PI: Shouhuai Xu
Questions?