

Global Security Initiative Timeline

Global Security Initiative launched

The new initiative will serve as a university-wide interdisciplinary hub for research on complex global security issues.



2015



Proactively protecting data

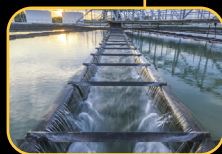
GSI launches the Center for Cybersecurity and Digital Forensics for a proactive cybersecurity approach.

Partnering for digital security

Center for Cybersecurity and Digital Forensics and Samsung Electronics announce cybersecurity partnership.



2016



Exploring the food-energy-water nexus

An interdisciplinary team studies how these systems are interconnected and builds tools to support sustainable policy decision-making.

DHS selects ASU to lead new Center of Excellence

GSI's new Center for Accelerating Operational Efficiency will conduct research to improve the effectiveness of DHS organizations.



2017



First ASU Congressional Conference on Cybersecurity

Panelists, including the late Senator John McCain, debate the definition of critical infrastructure, workforce needs and who defends what.

ASU becomes national leader in DARPA Young Faculty Awards

The DARPA Working Group led by GSI helps junior ASU faculty members pursue the career-boosting DARPA awards.



2018



GSI launches the Center for Human, AI and Robot Teaming

The center will provide much-needed research on coordinating teams of humans and synthetic agents.

ASU organizes largest hacking competition in the world for the first time

Center for Cybersecurity and Digital Forensics plays a lead role at the DEF CON conference, considered the Olympics of hacking.



2019



Analyst wins DOD Minerva Research Initiative award

Scott Rustin combines narrative analysis with computer science to identify and combat adversarial information operations.

ASU researchers help shape national security priorities

Nadya Bliss and Nancy Cooke join the DARPA Information Science and Technology Study Group to inform research and technology developments.



2020



Helping federal agencies respond to COVID-19

The Center for Accelerating Operational Efficiency and DHS help federal agencies respond to the pandemic and overcome challenges.

Major advancements as DARPA cybersecurity portfolio expands

Center for Cybersecurity and Digital Forensics gets a four-year DARPA grant to protect vulnerable software through micropatching.



Human-AI teams in Minecraft

GSI uses the popular video game to assess how AI and humans team in complex environments and situations.



2021



Defense against malign influence

GSI launches the Center on Narrative, Disinformation and Strategic Influence to fight adversarial influence campaigns.



Bringing biotechnology to Arizona high schools

GSI proposal team helps secure DOD National Defense Education Program grant to develop biotechnology education for high schools.

Boosting the cybersecurity workforce

A new open-source training platform, pwn.college, prepares the next generation of cybersecurity experts with the moves to thwart cyberattacks.



2022

DARPA grants to reimagine the microchip

Center for Wireless Information Systems and Computational Architectures director Dan Bliss will develop new chips for better communication.



Measuring our trust in AI

The Center for Accelerating Operational Efficiency tests a tool that could help government and industry develop trustworthy AI technology.



2023

ASU to support DOD Irregular Warfare Center

ASU is selected for the award with GSI leading execution. It's the biggest DOD award managed by GSI to date.



2024



ASU team makes finals of DARPA's AI Cyber Challenge

Cybersecurity team wins at semifinals of the competition at DEF CON, earning a spot in the finals and \$2 million to continue developing their AI-based system.