



NSI

THE NATIONAL SECURITY INSTITUTE
At George Mason University's Antonin Scalia Law School



NSI CYBER AND TECH CENTER

Powering American Innovation



FROM LEFT:
Jennifer Bachus,
Principal Deputy
Assistant Secretary for
Cyberspace and Digital
Policy, State Department;
Eric Goldstein, Executive
Assistant Director
for Cybersecurity,
CISA; **David Luber**,
Deputy Director of
Cybersecurity, NSA; and
Jeanette Manfra, Global
Director for Security and
Compliance, Google
Cloud, speaking on how
U.S. public and private
sectors supported
Ukraine defense efforts.

Chris Krebs,
former Director,
Cybersecurity
and Infrastructure
Agency, leads an
NSI Technologist
Fellowship session.

A CRITICAL NEED

Today, the United States faces a critical window where the future of the geopolitical order will be decided.

To compete – and win – this battle, the U.S. needs to leverage historic American advantages – our open and free society, our incredible source of human creativity that enables us to push the technological envelope, and our dynamic economic strength – to develop policies that encourage innovation, respond to evolving tech and cyber threats, and grow a tech workforce able to tackle tomorrow’s challenges.

OUR MISSION

The CTC will shape the future of America’s landscape and expand America’s technology leadership by promoting innovation and enhancing resiliency.

We work with the country’s leading experts to drive smart policy and deliver impactful change.

CTC ALREADY BOASTS

100+
EXPERTS

15+
CONGRESSIONAL
TESTIMONIES AND
BRIEFINGS

400+
MEDIA
APPEARANCES
IN 2022

CTC’S FUTURE

CONNECTING INNOVATORS + DECISION MAKERS

CTC will bring together tech leaders, innovators, cyber experts and policymakers not only from the D.C. metro area but from across the country to identify concrete solutions to challenges at the intersection of technology, innovation, and national security.

DEVELOPING FORWARD-LEANING POLICIES

CTC will tackle the thorniest tech and cyber threats facing our nation, and develop and deliver positions and recommendations that place U.S. and economic and national security interests at the core of our technology and innovation policy.

GROWING TOMORROW’S WORKFORCE

CTC will develop, train, and champion the next generation of emerging tech and national security leaders to help fill the talent gap that threatens our collective national security, as well as work towards building the robust and diverse workforce of tomorrow.

DELIVERING IMPACT

CTC is different from other organizations – we take strong positions on how the United States can maintain its technological edge.

Through dialogue with experts, engagement with policymakers, and cutting-edge research, CTC will deliver policies promoting U.S. innovation and solidifying our global leadership in a rapidly changing tech-centric world.

CTC + CONGRESS

CTC experts regularly testify before Congress, brief Members and their staffs, and share feedback on potential and pending legislation.

CTC EVENTS

CTC hosts events – both off-the-record and public – that share critical insights on timely issues at the intersection of technology and American national and economic security.

CTC POLICY MATERIALS

CTC's publications are concise and packed with experience-backed expertise – and written to get policymakers the information they need to know quickly.

CTC MEDIA

CTC experts reach the public through media engagement with leading newspapers, TV, and other media outlets.

FROM LEFT:
Sue Gordon, former Principal Deputy Director of National Intelligence and **Rep. Jackie Speier**, former Congresswoman, CA-14, discussing how artificial intelligence of the intelligence community

WHAT WE ARE WORKING ON

INNOVATION-FOCUSED LAWS + POLICIES



Policymakers need to understand how regulations, both set here and abroad, impact the U.S. tech industry and its ability to drive innovation and further U.S. economic and national security interests. Eyeing a future focused on tech competition with China, the U.S. needs to engage allies and partners to build a global order centered on democratic digital values.

EMERGING TECHNOLOGIES + NAT SEC



Rapid advancements in emerging technologies – including artificial intelligence and quantum computing – will revolutionize the world, including changing the way people access information, reshape industries, and drive future innovation. The U.S. needs to remain at the forefront of tech advancements and address both the threats and opportunities created by such transformative technologies.

FROM LEFT:
Klon Kitchen, former National Security Adviser, Sen. Ben Sasse; **Letitia Long**, former Director NSA; and **Glenn Gerstell**, former General Counsel, NSA, speaking on the national security implications of antitrust reform on Capitol Hill.



FROM LEFT:
Laura Galante, Cyber Executive and Director, Cyber Threat Intelligence Integration Center

Neal Higgins, Dep. Nat. Cyber Director for National Cybersecurity;

Iranga Kahangama, Ass't Sec. for Cyber, Infrastructure, Risk, and Resilience (DHS);

Matt Olsen, Ass't Attorney General for National Security

National Cybersecurity Strategy Pillar II: Disrupt and Dismantle Threat Actors





FROM LEFT:
Bryson Bort, Founder and CEO, SCYTHE
Robert Ackerman, Founder and Managing Director, Allegis Cyber Capital
Rachel Kolesnikov-Lindsey, Director, Org. Development, DIU
Ron Gula, President, Gula Tech Adventures
Bob Stasio, Managing Director, Dreamit Ventures

Hack the Capitol, all-day ICS conference



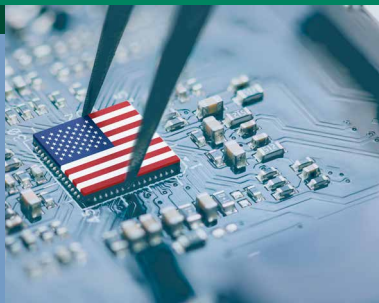
A packed room for a Capitol Hill event focused on the lessons learned from countering cyberattacks against Ukraine for future conflicts.

CYBER CIVIL DEFENSE + EVOLVING CYBER THREAT ENVIRONMENT



The American private sector and government are under constant attack by foreign hackers, including organized criminal groups and nation-states; winning these battles in the cyber domain requires a totally new mindset and an approach focused around collective and collaborative cyber defense, and a willingness to think innovatively as the cyber threat environment shifts.

GROWING + STRENGTHENING THE U.S. TECH WORKFORCE



The U.S. faces immediate and dire workforce concerns stemming from a shortage of cyber and tech professionals and the inability of educational institutions to keep pace in developing tomorrow's leaders. A new approach to educating and training is vital and collaboration between academia, industry, and government will be key to growing and strengthening the U.S. tech workforce.



FROM LEFT:
Matt Olsen, Assistant Attorney General for National Security and
Ben Powell, former ODNI General Counsel, presenting best practices when responding to critical data incidents.

CTC COUNCILS

TECH LEADERS AND INNOVATORS COUNCIL

Made up of CEOs, COOs, and technology financiers with deep experience in the cyber and technology industry, particularly in developing and supporting new capabilities and core innovation, the Innovators Council drives CTC policy innovation and engagement with policymakers in a range of areas, including economic growth, competition policy, and innovative and emerging technologies, like artificial intelligence.

CYBER AND TECH SECURITY COUNCIL

Made up of key CISOs and senior security leaders who have strong backgrounds in cybersecurity, the Cyber Experts Council engages with key policy decisionmakers and develops concrete solutions to the critical cyber and technology challenges facing our nation today and offers insights on how the U.S. can get ahead of future challenges.



THE CTC EDGE

The CTC brings together an incredible group of experts from across the innovation landscape – including industry, government, academia, and the investment community – to address the needs of policymakers.

CTC EXPERTS

Our small but bold team punches well above its weight to develop and promote critical policy solutions.

The **CTC's Council members** are key leaders from the tech and cyber industry – all with a strong interest in national security – who provide policy insight and strategic guidance to the CTC, as well as serve as a core part of CTC's experts cadre.

CTC Fellows generate expertise-driven policy solutions and advance the CTC's mission through research and engagement with policymakers, industry, and the broader public.

CTC experts **Megan Brown**, Partner, Wiley Rein, and **Stewart Baker**, former General Counsel, NSA, listening to a presentation at an NSI Advisory Board meeting.

FEATURED CTC COUNCIL MEMBERS



DR. ADRIAN MAYERS,
CISO, Premera Blue Cross



AARON HUGHES,
CISO, Albertsons



ALICIA LYNCH,
Fmr. CISO, Cognizant

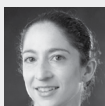


SHAUN KHALFAN,
SVP & CISO, Discover Financial Services



PHILIP R. REITINGER,
President & CEO, Global Cyber Alliance

FEATURED FELLOWS



JC HERZ,
Co-Founder, Ion Channel



MARK MONTGOMERY,
fmr. Executive Director, Cyberspace
Solarium Commission



LT. GEN. KAREN GIBSON,
Sergeant-at-Arms, US Senate



RICHARD LEDGETT,
fmr. Deputy Director, National Security
Agency



LAURA THOMAS,
Chief of Staff & Strategic Initiatives,
Inflection



CTC expert **Bryson Bort**,
Founder and CEO, Scythe,
speaking at Hack the Capitol.



Benjamin Wittes, Editor in
Chief, Lawfare, and **Richard
Ledgett**, former Deputy
Director, NSA, participating
in an NSI media tech training
session.

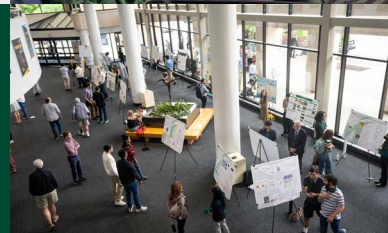


Sarah Stewart, CEO and Executive
Director, Silverado Policy Accelerator;
and **Kristi Rogers**, Managing
Partner and Co-Founder, Principal
to Principal, discussing how the U.S.
and allies can build resilience and
flexibility into our supply chains.



LEARN MORE ABOUT THE CTC.

Visit us at nationalsecurity.gmu.edu/ctc



LOOKING TO THE FUTURE



NSI CYBER AND
TECH CENTER

The NSI Cyber and Tech Center was launched in late 2023 to ensure that we preserve and grow American innovation.

TOGETHER WITH OUR EXPERTS, WE WILL:

- **RETHINK** how the government and the private sector need to work together to combat the technological, cyber, and economic threats posed by China and other adversaries
- **DELIVER** the kinds of bold policy ideas that have always been at the heart of American innovation.
- **PREPARE** the next generation of tech talent who take up this mantle of leadership.



We Need Your Support to DELIVER ON OUR MISSION.

"It is critical that the United States act now to quickly and significantly shore up its ability to ensure it remains the capital of the globe."

Jamil N. Jaffer

NSI Founder and Executive Director

Addressing the National Security Threat of Chinese Technological Innovation



"There are huge [AI] opportunities that we need to be taking advantage of now to keep our military edge ... but there are also real risks in terms of how we do this."

Michèle Flournoy
former Under Secretary of
Defense for Policy
speaking on NSI's Fault Lines
summer series on AI



"I believe AI is offering us an opportunity to get our economic house in order, to lay a foundation for our nation's long-term prosperity, and to build a national security enterprise that is sufficiently resourced to secure that prosperity for a generation or more."

CTC expert Klon Kitchen

former National Security Advisor, Sen. Sasse

testifying on AI before the U.S. House Armed Services Subcommittee on Cyber, Innovative Technologies, and Information Systems



MILITARY USE OF ARTIFICIAL INTELLIGENCE

KLON KITCHEN
American Enterprise Institute (AEI)
National Security & Technology Fellow

C-SPAN3