



2022

HOMELAND SECURITY

ENTERPRISE FORUM

— OCTOBER 24-26 —

SECURITY THROUGH PARTNERSHIP

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SOLVING PROBLEMS
FOR A SAFER WORLD™

A LETTER FROM THE HSEG CO-CHAIRS

Twenty years ago, many of the members of the Homeland Security Experts Group (HSEG) were working to enact the Homeland Security Act of 2002. It passed the House in July and the Senate in November and was signed into law on November 25, 2002, officially creating the Department of Homeland Security.

We recognized our work was not done and for the past thirteen years, HSEG members have continued to help grow and mature the concept of American homeland security through the principles of strategic thought leadership through non-partisan dialogue. Traditionally, HSEG has served as a sounding board for leaders across the field, offering over 1,000 years of our own experience to those who are facing the toughest challenges of our time.

The homeland security enterprise is distinctive in the American security landscape as the efforts are not merely the responsibility of the federal government and that it requires significant partnerships between governments of all levels, the private sector, academia, and American citizens.

Our vision for the second annual Homeland Security Enterprise Forum is to highlight the success of those partnerships, promote their strengthening, and foster the development of new relationships because we are all in this together.

Thank you for joining us for this significant conference. We look forward to the non-partisan recommendations that will come from these meaningful dialogues.



Jane Harman
HSEG Co-Chair
Former Representative
36th Congressional District of California
President Emerita
The Wilson Center



Michael Chertoff
HSEG Co-Chair
Former Secretary
Homeland Security
Executive Chairman and Co-founder
The Chertoff Group



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A nonpartisan, nonprofit organization, Intelligence Squared addresses a fundamental problem in America: the extreme polarization of our nation and our politics.

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*intelligence*²
DEBATES

A PROUD PARTNER OF

2022

HOMELAND SECURITY

ENTERPRISE FORUM

— A LETTER FROM THE — HSEG EXECUTIVE DIRECTOR

On behalf of The Homeland Security Experts Group (HSEG), thank you for attending the 2nd annual Homeland Security Enterprise Forum (HSEF). Last year we set out to establish HSEF as America's premier and inclusive summit on the issues facing our domestic national security. We are particularly proud to share that due to your feedback and the success of our inaugural forum, we expanded the program to allow for more breakout sessions and networking time. Our retreat destination in Middleburg, Virginia is an intimate setting for deep conversations, meaningful connections, and the development of partnerships.

Our theme this year – “*Security Through Partnership*” - comes at a time when the United States is facing continuous onslaughts from known and emerging threats. These challenges are very real to us all, whether from state or non-state actors, in the physical or cyber domains, or from afar or at home. And, none of us can successfully defend our nation and the American people from these varied and persistent attacks on our own. Partnerships have never been more important.

Whether public-private or private-private, our domestic national security depends on the strength of our partnerships. Homeland security is truly a whole of nation effort - the ultimate in team sports. Our plenary sessions promote strategic dialogue and thought leadership around our theme and feature stakeholders and voices from across the enterprise whose priority is to secure and protect the homeland.

Our breakout sessions will dive deeply into specific topics across the mission areas of the enterprise, amplifying and supporting the work of the HSEG committees. We look forward to the meaningful ideas and actionable recommendations we know will flow from these discussions.

Following the forum, HSEG will deliver a report drafted by our partners at Guidehouse consolidating and endorsing many of the suggestions from the plenary sessions and working groups. We will highlight the actionable recommendations that this gathering develops and continue working to see them implemented in our committee roundtables throughout the year.

Let me conclude by recognizing the importance of your participation, contributions, ideas, and thoughtfulness as we invigorate conversations, elevate above partisanship, and integrate solutions in the year ahead. We are proud to convene this forum for you and drive collaboration and partnerships forward for the betterment of the homeland security enterprise and a stronger, safer America.



Rob Walker
Executive Director
Homeland Security Experts Group

FORUM OVERVIEW

PLENARY SESSIONS

HSEF22 participants will attend a three-day long event at the Salamander Resort in Middleburg, Virginia. HSEF formally opens at 3:00 PM on Monday the 24th and will adjourn at 1:00 PM on Wednesday the 26th. Plenary sessions range from 35 – 75-minute panels and fireside chats. And we have added a bonus debate event on Tuesday the 25th!

BREAKOUT SESSIONS

Breakout sessions are grouped into two rounds. Each breakout is hosted by two co-chairs who will maintain the flow of the session. All breakouts are not for attribution and are closed to the media.

The day following each round, the co-chairs will provide a readout of the discussion points and recommendations to the full HSEF audience.

Round 1 takes place Monday the 24th with a readout on Tuesday the 25th.

Round 2 takes place Tuesday the 25th with a readout on Wednesday the 26th.

More details on the breakout sessions can be found in the supplemental information provided.

LIGHTNING ROUNDS

This year's forum will feature four lightning rounds where a speaker has 15 minutes to brief and interact with the audience in a topic of their choosing.

SOCIAL ACTIVITIES

Following breakout and plenary sessions on Monday the 24th, participants are invited to network during the Opening Social in the Culinary Garden overlooking Virginia's green and mountainous terrain. The night will close with a Family Style Welcome Dinner (by separate ticket purchase) out on the Middleburg Terrace under the stars.

Tuesday the 25th, participants will wake up to a hot buffet breakfast in the Middleburg Foyer ahead of a full day of lightning rounds, breakout sessions, and plenaries. The evening will begin with a social mixer, followed by a live Intelligence Squared Debate in the Middleburg Ballroom, finishing with a buffet dinner.

Our final day, Wednesday the 26th, will open with a last chance to network with fellow attendees over a hot buffet breakfast followed by a half day of plenaries and lightning rounds coming to a close at 1:00 PM.

ON THE WEB

The forum program, corporate partners, and speakers are available at <http://hsenterpriseforum.com>.



You can share your conference experience on Twitter using **#HSEF22** and tweet us at **@HomelandExperts**.



Security Is in Our DNA

For over a decade, CLEAR has been at the forefront of building more secure experiences across travel and beyond. We're proud to support the Homeland Security Experts Group and the 2022 Homeland Security Enterprise Forum.



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STEERING COMMITTEE

We would like to offer special thanks to members of the forum steering committee, which provided valuable insights and input on strategy.

JANE HARMAN, HSEG

CO-CHAIR

*President Emerita Woodrow Wilson International Center for Scholars
Former Representative 36th Congressional District of California*

MICHAEL CHERTOFF, HSEG

CO-CHAIR

*Secretary of Homeland Security (2005-2009)
Executive Chairman and Co-founder
The Chertoff Group*

KIRSTJEN NIELSEN

*Secretary of Homeland Security (2017-2019)
President, Lighthouse Strategies*

CHARLIE ALLEN

*Principal, The Chertoff Group
Former Under Secretary of Homeland Security for Intelligence and Analysis*

JUAN ZARATE

*Global Co-Managing Partner K2 Integrity
Deputy National Security Advisor*

STEWART BAKER

*Partner, Steptoe & Johnson LLP
Former Assistant Secretary of Homeland Security for Policy*

BOB ROSE

*Founder and President
Robert N. Rose Consulting
Senior Advisor, The Chertoff Group*

JESSICA STERN

*Former Director for Russian, Ukrainian, and Eurasian Affairs
National Security Council Research
Professor, Pardee School, Boston University*

STARNES E. WALKER

*Former Director of Research-DHS,
Executive Director-Office of Naval Research,
Chief Technology Officer & Technical
Director-U.S. Fleet Cyber Command*

DAVID HEYMAN

*Former Assistant Secretary of
Homeland Security for Policy
President & CEO, Smart City Works*

YOSRY BARSOUM

*Vice President and Director Homeland
Security Systems Engineering and
Development Institute, The Mitre Corporation*

CONNIE LAROSSA

National Security Policy, Google

ROBERT WALKER

*Executive Director, Homeland Security
Experts Group (HSEG)*

SARAH ELZEINI

CEO, SMZ International Group

LANYARD KEY

You will notice there are different colored lanyards to help you identify who you are speaking with or who you can ask for assistance:



WHITE LANYARDS
HSEG Member



NAVY BLUE LANYARDS
Conference Attendee



RED LANYARDS
Member of the Media



GRAY LANYARDS
Staff Member

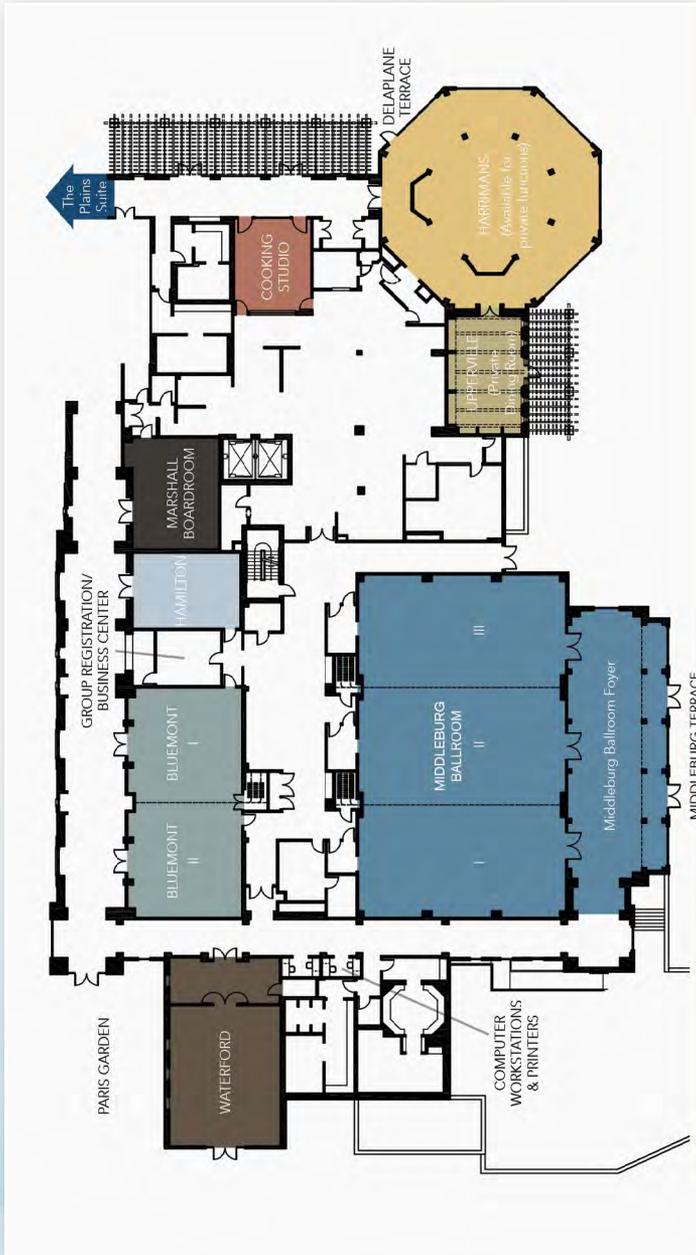
▶ 24/7

**WE'RE DOING THE
CAN'T BE DONE
TO FIGHT BACK AND
WIN THE INVISIBLE WAR.**

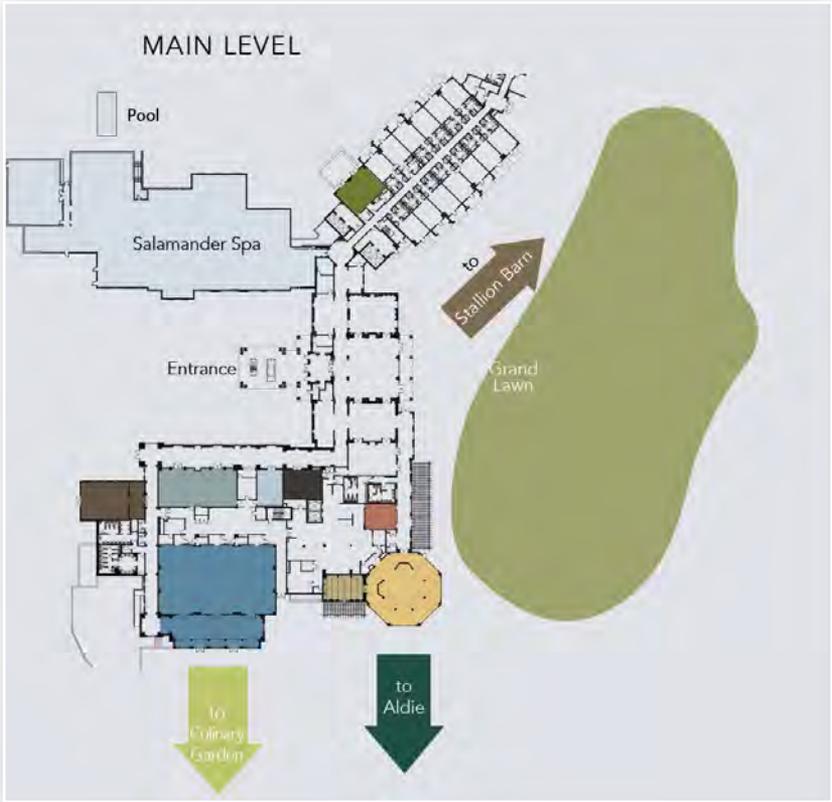
SEE HOW AT
[PERATON.COM/INVISIBLEWAR](https://peraton.com/invisiblewar)

Peraton

FACILITY MAP



FACILITY MAP



HSEF SCHEDULE

MONDAY, OCTOBER 24

- 11:30 AM Buffet Lunch
- 12:00 PM Breakout Sessions: Round 1
- 2:00 PM Break
- 3:00 PM Opening Ceremony
- 3:15 PM **PLENARY SESSION 1:** Understanding the DVE Threat Landscape
- 4:35 PM **PLENARY SESSION 2:** Reflections on nearly 20 years of DHS History and the Way Ahead
- 5:45 PM Opening Social
- 7:00 PM Family-Style Welcome Dinner

TUESDAY, OCTOBER 25

- 7:30 AM Buffet Breakfast
- 8:20 AM Break
- 8:30 AM Opening Remarks
- 8:35 AM Lightning Round 1: National Vetting Center
- 8:55 AM **PLENARY SESSION 3:** What's in a Name: Critical Infrastructure Protection... or Resilience?
- 9:45 AM Lightning Round 2: Drones on the Frontlines of Homeland Security
- 10:00 AM Break
- 10:30 AM **PLENARY SESSION 4:** Partnerships in Counter-Human Trafficking Efforts
- 11:15 AM **PLENARY SESSION 5:** Securing the Western Hemisphere through Policy and Technology
- 12:00 PM Buffet Lunch
- 12:40 PM Lightning Round 3: The Cyber Workforce Challenge
- 1:10 PM Readouts: Breakout Sessions Round 1
- 1:30 PM **PLENARY SESSION 6:** Homeland Defense and Security - Reframing Our Concepts
- 2:10 PM Break
- 2:30 PM Breakout Sessions: Round 2
- 4:40 PM Evening Cocktail Hour on the Middleburg Terrace
- 6:00 PM Debate Night
- 7:40 PM Buffet Dinner

DEBATE NIGHT

Moderated by John Donovan, author and correspondent for ABC News

The age of “information disorder” is upon us. Deep fakes, false political narratives, and flawed COVID rumors are all rampant online, threatening America’s national security, as well as democracy itself. Though bad actors have always had the capacity to deceive, the ease, speed, and degree to which anyone can create misleading information has engendered a dangerous new world. And yet many solutions can also run directly against longstanding western principles, such as free speech and a lack of censorship. Prescriptions, some argue, can be as dangerous as the disorder itself. So, what can be done? In partnership with the Homeland Security Experts Group, Intelligence Squared U.S. debates how to combat this dangerous new phenomenon, termed “information disorder.” Our expert panel takes a look at what the private sector should do, what the public sector can do, and how political actors who spread false information should be handled.

UNRESOLVED: INFORMATION DISORDER



Artist - Sean M. Smith, EchoDesignlab



intelligence²
DEBATES

HSEF SCHEDULE

— WEDNESDAY, OCTOBER 26 —

- 7:30 AM Buffet Breakfast
- 8:20 AM Break
- 8:30 AM Opening Remarks
- 8:35 AM Lightning Round 4: The Biometric Future
- 8:55 AM **PLENARY SESSION 7:** The Future of International Travel
- 9:40 AM **PLENARY SESSION 8:** Quantum Computing: Homeland and National Security Ramifications
- 10:10 AM Break
- 10:40 AM Readout: Breakout Sessions Round 2
- 11:25 PM **PLENARY SESSION 9:** Information Sharing: Adapting the CT Enterprise for Today's Threats
- 12:05 PM **PLENARY SESSION 10:** FBI: Maximizing Collaboration Against our Modern Threats
- 12:50 PM Call to Action & Closing Remarks



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Together we can go far.

American Airlines is proud to support the Homeland Security Experts Group and the 2022 Homeland Security Enterprise Forum.



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— PLENARY SESSIONS —



PLENARY SESSION 1

UNDERSTANDING THE DVE THREAT LANDSCAPE

Our nation is experiencing a measurable rise in domestic violent extremism fueled by diverse collection of racially, religiously, or issue-oriented ideologies. The problem persists on both ends of the political spectrum with investigations ongoing into both left and right-wing actors and organizations. In a July report, DHS' own IG recommended improvements to the department's ability to collect and consolidate information; yet even access to complete federal intelligence and information would only paint part of the picture. How can the private sector and local and federal governments better collaborate across the homeland security enterprise to share information while not infringing on Constitutionally protected rights? What information can and should be shared about impending threats? After more than 20 years of our current understanding, what is the new face of terrorism?



SEAMUS HUGHES
Deputy Director, George Washington University Program on Extremism



VIDHYA RAMALINGAM
CEO/Founder, Moonshot



ROBERT R. WELLS
Assistant Director
Counterterrorism Division
U.S. Department of Justice
Federal Bureau of Investigation



CHRIS RODRIGUEZ
Director, D.C. Homeland Security and Emergency Management Agency



MODERATOR
ERROLL SOUTHERS
HSEG Member
Associate Senior VP
University of Southern California

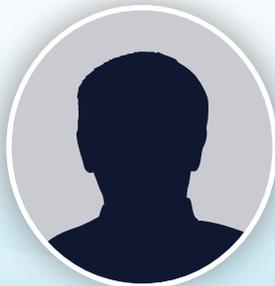
PLENARY SESSION 2

REFLECTIONS ON NEARLY 20 YEARS OF DHS HISTORY AND THE WAY AHEAD

The Homeland Security Act of 2002 was signed into law on November 25, 2002 formally creating the Department of Homeland Security and in effect establishing the American homeland security enterprise. Many changes have been made since then including restructuring the organization and event creating an entirely new federal agency in CISA. Since its inception, DHS has been at the center of unique federal relationship with stakeholders - partnerships. What will the next few years hold for DHS and its partners? How does the current Secretary envision strengthening existing partnerships and building new ones?



SPEAKER



MODERATOR

PLENARY SESSION 3

WHAT'S IN A NAME: CRITICAL INFRASTRUCTURE PROTECTION... OR RESILIENCE?

The field of Critical Infrastructure began with a focus on protection, and in the past decade has pivoted toward a focus on resilience. Which is it? Does it matter? This panel will provide perspectives from Critical Infrastructure owner-operators and their allies, and what they are focusing on in an era of marked unpredictability.



GREGORY GARRETT
Vice President
Cybersecurity, Peraton



BRANDON WALES
Executive Director
Cybersecurity and Infrastructure
Security Agency



MARK AYSTA
Managing Director
Enterprise Security,
Duke Energy



JUSTINE PHILLIPS
Partner
DLA Piper (US) LLP



MODERATOR
EMILY FRYE
Director for Cyber Integration
Center for Securing the Homeland
The MITRE Corporation

PLENARY SESSION 4

PARTNERSHIPS IN COUNTER-HUMAN TRAFFICKING EFFORTS

Human Trafficking is a \$150 billion annual stain on modern society and an issue that affects all nations and communities. Governments alone cannot address the issue and increasingly rely on partnerships with civil society to scale training and solution efforts. How can we all contribute to ending modern-day slavery?



STEVE K. FRANCIS
Acting Executive Associate Director
Homeland Security Investigation
Department of Homeland Security



KATHLEEN KIERNAN
President
NEC National Security Systems



CATHERINE CHEN
Chief Executive Officer
Polaris



MODERATOR
JEANNE MESERVE
HSEG Member
President
Shore Road Multimedia

PLENARY SESSION 5

SECURING THE WESTERN HEMISPHERE THROUGH POLICY AND TECHNOLOGY

The Western Hemisphere is becoming increasingly interconnected through business, trade, migration, and growing security partnerships. How can neighboring nations accelerate their partnerships? What role can technology play in building and securing regional trade and business? In securing migratory routes and combating illicit migration and human smuggling? Would a larger free trade zone and common travel area help to ease the push factors of migration?



JONATHAN FLEMING
President
S2 Global



ALFONSO QUIÑÓNEZ
Ambassador of Guatemala to
the United States of America



**THERESA
CARDINAL BROWN**
Managing Director
Immigration and Cross-Border
Policy, Bipartisan Policy Center



**MODERATOR
KEVIN MCALEENAN**
HSEG Member
Chairman and CEO
Pangiam

PLENARY SESSION 6

HOMELAND DEFENSE AND SECURITY - REFRAMING OUR CONCEPTS

As the U.S. pivots more to Great Power Competition and threats from state and non-state actors continue to grow, is it time to reframe our understanding of homeland defense and homeland security? Do we need a rejuvenation of civil defense?



A.C. ROPER
Lieutenant General, USA
Deputy Commander, USNORTHCOM



MODERATOR
CATHERINE HERRIDGE
Senior Investigative Correspondent
CBS News

PLENARY SESSION 7

THE FUTURE OF INTERNATIONAL TRAVEL

TSA Precheck and Global Entry has been a huge success. As the reliability of biometric identification, digital wallets, and other technologies grow throughout the globe, do we have the right tools in place to assure verifiable traveler ID at higher speeds? What about the perception of bias in biometric ID? How will that impact global travel norms?



DAVID P. PEKOSKE
Administrator
Transportation Security Administration



MIKEL RODRIGUEZ
Director of The Artificial Intelligence
and Autonomy Innovation Center
The MITRE Corporation



MODERATOR
PATRICIA F.S. COGSWELL
HSEG Member
Partner
Guidehouse

PLENARY SESSION 8

QUANTUM COMPUTING: PROGRESS AND IMPLICATIONS

Quantum technologies could create vulnerabilities for the homeland by breaking public key encryption, providing new forms of sensing, or advancing algorithms used in warfare and intelligence. The global race is on, with government and private investment in quantum skyrocketing. Most efforts focus on developing underlying quantum computer hardware, employing competing approaches that face distinct challenges even as they integrate into classical computing frameworks. This panel will sort hype from reality and discuss opportunities for partnership among leaders in National Security, industry, and academia.



ZACHARY KELLY
Enterprise Strategist
Amazon Web Services



YOSRY BARSOUM
VP & Director
Homeland Security Systems Engineering
and Development Institute
The MITRE Corporation



MODERATOR
SARAH SEWALL
HSEG Member
Executive Vice President, Strategic Issues, In-Q-Tel

PLENARY SESSION 9

INFORMATION SHARING: ADAPTING THE CT ENTERPRISE FOR TODAY'S THREATS

The current information sharing environment has served us well in the fight against terrorism. Cultural change has led to federal, state, and private sector security entities sharing more information on threats than ever before. But the volume of information can be overwhelming, especially for organizations with smaller analysis teams. What current technologies might we leverage to better support information sharing? Are dashboards and portals enough to improve our ability to analyze and connect the dots?



BRYAN PENDLETON
Chief Data Officer
Department of Homeland
Security



RHETT KRULLA
Chief Technology Officer
Homeland Security Division
Microsoft



AMY LAY
Director
Northern Virginia Regional
Intelligence Center



BRIAN PATE
President
Cyber and Engineering Sector
BigBear.AI



MODERATOR
KIMBERLY PRATT
Director of Private Sector
Engagement, Northern California
Regional Intelligence Center

PLENARY SESSION 10

FBI: INCREASING COLLABORATION AGAINST OUR MODERN THREATS

The FBI has long been at the forefront of partnership, collaboration, and information-sharing. Since the attacks of 9/11 cultural change has increased that mindset across the workforce. With the ever-changing threat landscape, how are the “Feds” adapting to meet current and emerging threats?



PAUL ABBATE
Deputy Director
Federal Bureau of Investigation



MODERATOR
JOHN PISTOLE
HSEG Member
Former Deputy Director
Federal Bureau of Investigation



We keep more Americans **safe** online than anyone else

For over 20 years, we've been protecting Americans from cybersecurity threats. From phishing protections to safeguarding the websites of news outlets and human rights organizations, we're building advanced technology that raises the bar for the entire industry and makes the whole internet safer for everyone.

2-Step Verification was built to **secure** your account, and we've turned it on by default for 150 million people.

Google Chrome's Safe Browsing technology was built to **block** risky sites, protecting over 5 billion devices every day.

Gmail phishing protections were built to **stop** 100 million phishing emails every day.

Project Shield was built to **defend** news and human rights organizations from digital attacks in over 100 countries.

Our **Advanced Protection Program** was built to **protect** high-risk users from highly targeted attacks.

Explore how Google is building tools to keep more people safe and secure at safety.google



Safer with Google



— ROUND 1 —
BREAKOUT SESSIONS



ROUND 1

BREAKOUT SESSION 1

TRANSITIONING TECHNOLOGY TO ENABLE THE HOMELAND SECURITY ENTERPRISE

Emerging technology that can be transitioned has the ability to address DHS operational capability gaps. To achieve mission success, DHS S&T leverages technology advancements from Government, industry, academia, and other stakeholders through programs and partnerships underway while also investing in foundational research to stay ahead of emerging threats as well as building the next generation of talent to strengthen the DHS national security mission.



STARNES WALKER

HSEG Member
Former Director of Research
Department of Homeland Security



YOSRY BARSOUM

Vice President and Director of Homeland
Security Systems Engineering and
Development Institute
The MITRE Corporation

ROUND 1

BREAKOUT SESSION 2

UNDERSTANDING AND MITIGATING THE DOMESTIC VIOLENT EXTREMISM THREAT TO THE NATIONAL SECURITY ENTERPRISE

Media outlets and advocacy organizations have made claims tying law enforcement and security agents at all levels to domestic violent extremism and groups. While the identified names and agencies represent an overwhelmingly minor percentage of law enforcement and security, it is imperative to community relations and trust in federal, state, and local law enforcement agencies that these individuals are identified, reported, and handled appropriately. This breakout will identify the key indicators of recruitment and radicalization to domestic violent extremism; the groups that focus on recruiting law enforcement and security personnel; and, the best practices that agencies should take to address involved employees.



ERROLL SOUTHERS

HSEG Member
Associate Senior Vice President,
Safety and Risk Assurance
University of Southern California



BRIANA PETYO FRISONE

Defense and National Security Advisor
Guidehouse

ROUND 1

BREAKOUT SESSION 3

LEVERAGING DATA AND INFORMATION SHARING TO COUNTER TRANSNATIONAL ORGANIZED CRIME

Human trafficking. Illicit drug trade. Organized crime. These activities, among others, can all have transnational elements, but any form of criminal activity has a local foundation. In late 2000, the United Nations adopted its Convention against Transnational Organized Crime, followed closely by protocols regarding human trafficking, migrant smuggling, and firearms trafficking. These documents signaled an international agreement to combat criminal activities. Criminal organizations have become more complex, activities have become more secretive yet more impactful, and networks have grown.

During this session, you will hear from senior leaders on how they leverage data and share information across Federal, State, and Local agencies to counter this nationwide problem. You'll hear how to build a strong foundation with relevant data and corresponding decision support tools, that can aid law enforcement in identifying criminal groups and target markets to combat activities associated with transnational crime.



CHARLIE ALLEN
HSEG Member
Principal
The Chertoff Group



CHUCK LEWIS
Managing Director
Cyber and Data Analytics
The MITRE Corporation

ROUND 1

BREAKOUT SESSION 4

CYBER SUPPLY CHAIN SECURITY

This breakout will convene senior public sector leaders to discuss trends in cyber supply chain security (e.g., Software Bill of Materials), best practices to address emerging vulnerabilities, and a dialogue on future priorities. Indeed, leaders at all levels must innovate faster and more creatively as vulnerabilities become more complex and difficult to predict. Future success requires leadership, an innovation mindset, and a collective approach to capitalize on the best thinking in cybersecurity. This roundtable will explore these and other facets of the topics including learnings from commercial best practices.



JON SPANER
HSEG Member
Partner
McKinsey & Co.



TUCKER BAILEY
McKinsey & Co.

ROUND 1

BREAKOUT SESSION 5

THE FUTURE OF TRADE

Cross-border trade continues to be a critical economic driver for the United States. Changes in the legal framework that governs trade, dramatic growth in e-commerce, and recent disruptions in trade have upended supply chain models and accelerated policy discussions regarding the use of technology to improve supply chain confidence and increase facilitation. Land ports of entry, vital gateways for cross-border trade and travel, are often older, sometimes remote structures that were not necessarily built for today's cross-border traffic volume or the needs of the myriad of state and federal agencies that fulfill several important public health, safety, and national security missions. This session will explore partnerships to ensure those vital gateways remain open and are able to meet the demands of international commerce.



ELAINE DUKE

HSEG Member
Principal

Elaine Duke & Associates, LLC



CO-CHAIR

ROUND 1

BREAKOUT SESSION 6 **CURRENT AND EMERGING ISSUES** **IN DISASTER RESILIENCE**

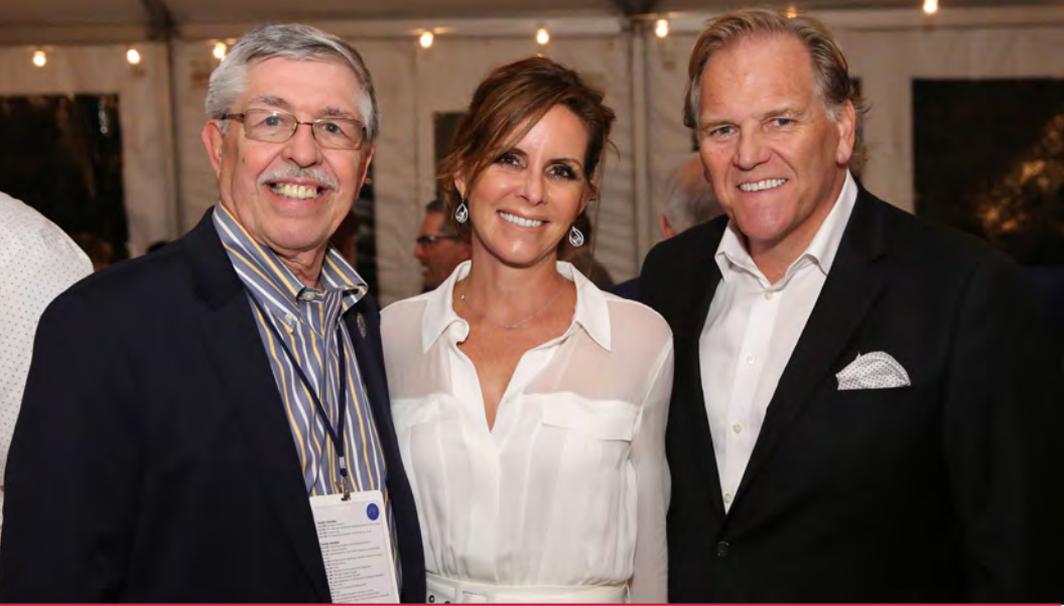
This session will explore several topics that are impacting the disaster resilience community. Specific topics include: the role and interdependence with the supply chain; the critical influence of mis- and dis-information; and creating incentives for successful public-private partnerships.



DAN KANIEWSKI
HSEG Member
Managing Director, Public Sector
Marsh McLennan



BRIAN SAVAGE
Managing Director for Mission Operators
Center for Securing the Homeland
The MITRE Corporation



— ROUND 2 —
BREAKOUT SESSIONS



ROUND 2

BREAKOUT SESSION 7

CREATING SAFE PUBLIC SPACES

This session explores how technology can help create safer public spaces through innovation. Whether through the use of biometrics or other emerging technologies, the creation of safer large-scale events and the act of securing venues is constantly evolving with public and private sector involvement.



CO-CHAIR



RICHARD N. PATTERSON, JR.
Chief Information Security Officer
CLEAR

ROUND 2

BREAKOUT SESSION 8

THE NEW ARMS RACE: POST-QUANTUM CRYPTOGRAPHY

This session considers what the race for quantum breakthroughs could mean for future data security. Governments have prioritized quantum research, established companies and startups are progressing on different quantum pathways; most predict that it is a matter of time before the technical capability exists to defeat current encryption. What do the USG's efforts to create next-generation encryption standards mean? What partnerships will help agencies prepare and adapt for a post-quantum era?



SARAH SEWALL

HSEG Member
Executive Vice President for Strategic Issues
In-Q-Tel



ZACHARY KELLY

Enterprise Strategist
Amazon Web Services

ROUND 2

BREAKOUT SESSION 9

RENEWING FISA

The Foreign Intelligence Surveillance Act (FISA) was enacted to provide congressional and judicial oversight of the federal government's surveillance efforts on foreign adversaries. It is deliberately designed to maintain secrecy in order to protect national assets and methods as they monitor threats to our homeland and national security. FISA Title VII, which allows for collecting vital information against various threats from abroad, including terrorist and cyber actors, is set to expire at the end of 2023. Title VII, especially Section 702, has come under scrutiny from several in Congress who will ultimately decide its fate. This session will discuss the critical nature of FISA in the U.S. Homeland Security Enterprise and discuss the effort to renew these provisions.



MICHAEL CHERTOFF
HSEG Member
Former Secretary of Homeland Security
Executive Chairman and Co-founder
The Chertoff Group



MATTHEW G. OLSEN
Assistant Attorney General
for National Security
U.S. Department of Justice

ROUND 2

BREAKOUT SESSION 10

THE FUTURE OF TRAVEL

ROUNDTABLE

This session will be a deep conversation about the relationship between technology and the future of travel. A review of global screening programs that are enhancing the travel experience and the level of security. We will explore the edges of what is next and how innovation can take us there.



KEVIN MCALEENAN
HSEG Member
Chairman and CEO
Pangiam



WILL GRANNIS
CEO
Google Private Sector

ROUND 2

BREAKOUT SESSION 11

TOWARD A STRATEGY FOR NATIONAL SECURITY EMERGENCIES

The emergence/reemergence of near-peer nation-state adversaries in the post-post 9/11 world now present the United States with threats not seen since the height of the Cold War. The effects could far exceed those of the previously anticipated manmade and natural catastrophes that have driven the homeland security enterprise for two decades. In a true national security emergency, the traditional lines between homeland defense and homeland security become blurred and require a fresh look – before it's too late.



GUY SWAN

HSEG Member
President

Swan & Associates, LLC



KIM LOWRY

Director, Civil Programs
Civil & Regulatory Affairs
Lockheed Martin

ROUND 2

BREAKOUT SESSION 12

BRIDGING DHS MISSION AREAS THROUGH DATA

Explore the benefits and challenges of implementing a robust data science practice that could bridge across DHS' mission to exponentially increase and improve situational awareness effectiveness to Agency goals when securing our border, protecting our officers and offering constituent immigration services.



KIRSTJEN NIELSEN

HSEG Member
President
Lighthouse Strategies



ALLISON PATRICK

Vice President & Account Manager
Department of Homeland Security
SAIC

ROUND 2

BREAKOUT SESSION 13

ADDRESSING THE GROWING THREAT OF SUAS

Over the past several years, the threat of small unmanned aerial systems (sUAS) has grown significantly. Across the homeland and international soil, sUAS poses a variety of challenges ranging from narcotics trafficking to disrupting travel to carrying explosives and causing privacy and industrial espionage concerns. Similarly, counter-UAS technology is continuing to evolve as more and more private sector entities recognize the risk from careless, clueless, and criminal operators, as well as those who mean to threaten or enact true damage. However, the number of federal and state/local agencies that have jurisdiction over CUAS operations and technology vary, and Congress has not appropriately resourced or provided the necessary authority to address this growing threat. This breakout session is intended to discuss how the government (federal, state/local, and international) along with industry can promote a greater understanding of the threat, support passage of legislation already underway, and promote funding.



PATRICIA F.S. COGSWELL

HSEG Member
Partner
Guidehouse



JEFF COLE

CEO and Co-Founder
Hidden Level

ROUND 2

BREAKOUT SESSION 14

COUNTERING HUMAN TRAFFICKING

Human Trafficking is a \$150 Billion annual stain on modern society and an issue that affects all nations and communities. Governments alone cannot address the issue and increasingly rely on partnerships with civil society to scale training and solution efforts. How can we all contribute to ending modern-day slavery?



JEANNE MESERVE

HSEG Member
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LIGHTNING ROUND 1

THE NATIONAL VETTING CENTER

The evolution of security vetting to counter modern threats.



MONTE HAWKINS
Director, National Vetting Center,
U.S. Customs and Border Protection,
Department of Homeland Security

LIGHTNING ROUND 2

DRONES ON THE FRONTLINES OF HOMELAND SECURITY

Small uncrewed aerial systems (sUAS) are making dramatic changes for America's first responders. From enhanced public safety to concerns about a surveillance state, this lightning talk looks at the state of the art. Are drones a turning point for homeland security or just marketing hype? See why drones are truly game changing for one California police department.



STEVE KING
Senior Manager
Center for Securing the Homeland
The MITRE Corporation

LIGHTNING ROUND 3

THE CYBER WORKFORCE CHALLENGE

How is the Office of the National Cyber Director working to address how America builds and maintains its cyber workforce?



PAUL TORTORA
Deputy Assistant National Cyber Director
Office of the National
Cyber Director

LIGHTNING ROUND 4

THE BIOMETRIC FUTURE

Understanding the larger biometric identity future.



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Thank you to the Forum volunteer team from American University led by Dr. Trace Lasley, Professor of Practice in the Department of Justice, Law, and Criminology in American University's School of Public Affairs.

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