

MCCRARY INSTITUTE FOR CYBER AND CRITICAL INFRASTRUCTURE SECURITY

CENTER FOR CYBER AND HOMELAND SECURITY

Frank J. Cilluffo

Frank J. Cilluffo is the director of Auburn University's McCrary Institute for Cyber and Critical Infrastructure Security.

Cilluffo is a member of the Cyberspace Solarium Commission and the Department of Homeland Security's Advisory Council, and he's routinely called upon to advise senior officials in the executive branch, U.S. Armed Services, and state and local governments on an array of matters related to national and homeland security strategy and policy. In addition to briefing Congressional committees and their staffs, he has publicly testified before Congress on numerous occasions, serving as a subject matter expert on policies related to cyber threats, counterterrorism, security and deterrence, weapons proliferation, organized crime, intelligence and threat assessments, emergency management, and border and transportation security. Similarly, he works with U.S. allies and organizations such as NATO and Europol. He has presented at a number of bi-lateral and multi-lateral summits on cybersecurity and countering terrorism, including the U.N. Security Council.

Following the Sept. 11, 2001 terrorist attacks, Cilluffo was appointed by President George W. Bush to the newly created Office of Homeland Security. There, he was involved in a wide range of homeland security and counterterrorism strategies, policy initiatives and served as a principal advisor to Director Tom Ridge, directing the president's Homeland Security Advisory Council.

Cilluffo then joined George Washington University in 2003, establishing the Center for Cyber and Homeland Security as a prominent nonpartisan "think and do tank" dedicated to building bridges between theory and practice to advance U.S. security. He served as an associate vice president where he led a number of national security and cybersecurity policy and research initiatives. He directed the Center for Cyber and Homeland Security and, with the School of Business, launched the university's World Executive MBA in Cybersecurity program.

Prior to his White House appointment, Cilluffo spent eight years in senior policy positions with the Center for Strategic and International Studies, a Washington-based think tank. There, he chaired or directed numerous committees and task forces on homeland defense, counterterrorism and transnational organized crime, as well as information warfare and information assurance.

He has published extensively in academic, law, business and policy journals, as well as magazines and newspapers worldwide. His work has been published through ABC News,

Foreign Policy, The Journal of International Security Affairs, The National Interest, Parameters, Politico, Studies in Conflict and Terrorism, USA Today, U.S. News & World Report, The Washington Quarterly and The Washington Post. He currently serves on the editorial advisory board for Military and Strategic Affairs, and has served as an on-air consultant for CBS News and as a reviewer for a number of publications and foundations.

Congressional Testimonies

A Borderless Battle: Defending Against Cyber Threats March 22, 2017 Emerging Cyber Threats to the United States February 25, 2016 A Global Perspective on Cyber Threats June 16, 2015 Stakeholder Perspectives on Priorities for the Quadrennial Homeland Security Review (QHSR) June 20, 2014 Understanding the Threat to the Homeland from AQAP (PDF) September 18, 2013 Countering the Use of the Internet for Terrorist Purposes (PDF) May 24, 2013 Cyber Threats from China, Russia and Iran: Protecting American Critical Infrastructure (PDF) March 20, 2013 A Line in the Sand: Assessing Dangerous Threats to Our Nations Borders (PDF) *November* 16, 2012 The Department of Homeland Security: An Assessment of the Department and a Roadmap for its Future (PDF) September 20, 2012 The Future of Homeland Security: Evolving and Emerging Threats (PDF) July 11, 2012 The Iranian Cyber Threat to the United States (PDF) April 26, 2012 U.S.-India Counterterrorism Cooperation: Deepening the Partnership (PDF) September 14, 2011 Moving Beyond the First Five Years: Evolving the Office of Intelligence and Analysis to Better Serve State, Local, and Tribal Needs (PDF) April 24, 2011 Religious Discrimination and Prisoner's Rights (PDF) April 08, 2008 Assessing and Addressing the Threat: Defining the Role of a National Commission on the Prevention of Violent Radicalization and Homegrown Terrorism (PDF)

June 14, 2007

The Internet: A Portal to Violent Islamist Extremism (PDF) *May 03, 2007*

The Homeland Security Implications of Radicalization (PDF) September 20, 2006

Prisoner Radicalization: Are Terrorist Cells Forming in U.S. Cell Blocks? (PDF) September 19, 2006

Bioterrorism and Pandemic Influenza: Are We Prepared? (PDF) May 23, 2006

The National Guard and Homeland Defense (PDF) *May 04, 2006*

Hurricane Katrina: Recommendations for Reform (PDF) *March o8, 2006*

Preventing Terrorist Attacks on America's Chemical Plants (PDF) June 15, 2005

Combating Terrorism: Developing Effective Strategies Against Terrorism (PDF) *February 03, 2004*

Critical Infrastructure Protection: Who's in Charge? (PDF) October 04, 2001

The Threat of Bioterrorism and the Spread of Infectious Diseases (PDF) *September 05, 2001*

Wired World: Cyber Security and the U.S. Economy (PDF) June 21, 2001

Combating Terrorism: Options To Improve The Federal Response (PDF) April 24, 2001

Protecting American Interests Abroad: U.S. Citizens, Businesses, and Non-Governmental Organizations (PDF)

April 03, 2001

Combating Terrorism: In Search of a National Strategy (PDF) March 27, 2001

The Threat Posed From the Convergence of Organized Crime, Drug Trafficking, and Terrorism (PDF) *December* 13, 2000

Cyber Attack: The National Protection Plan and Its Privacy Implications (PDF) *February 1, 2000*

Weapons of Mass Destruction, Terrorism, and U.S. Preparedness (PDF) October 2, 1998

The Role of Intelligence in Identifying, Preventing and Responding to Transnational Terrorism: A Framework for U.S. National Security Planners (PDF) *December 10*, 1996

Issue Brief Series

Responding to Cybercrime at Scale: Operation Avalanche - A Case Study *March 28, 2017*

Putin's Russia: A Geopolitical Analysis November 21, 2014

Detainee Release and Global Public Safety: Terrorist Disengagement and Deradicalization Programs—The Way Ahead June 05, 2014

Pardon the Pivot, What About Africa? (PDF) *March o6*, 2013

Drones in Yemen: Is the U.S. on Target? (PDF) June 21, 2012

Mexico and the Triple Threat (PDF) October 20, 2011

Yemen & Al Qaeda in the Arabian Peninsula: Exploiting a Window of Counterterrorism Opportunity (PDF) June 24, 2011

Egyptian Crosscurrents: The Muslim Brotherhood and Democracy on the Nile (PDF) *March 02, 2011*

What's the Big Idea? Confronting the Ideology of Islamist Extremism (PDF) *February 04, 2011*

Cloud Computing Risks and National Security: Keeping Pace With Expanding Technology (PDF) *September 09, 2010*

Serving America's Disaster Victims: FEMA, Where Does It Fit? (PDF) January 13, 2009

Consolidating the House's Homeland Security Efforts: The Time to Act is Now (PDF) *December 29, 2004*

Policy Reports

The Hybrid Threat: Crime, Terrorism and Insurgency in Mexico (PDF) *December* 01, 2011

Foreign Fighters: Trends, Trajectories & Conflict Zones (PDF) *September 22, 2010*

The H1N1 Influenza A Virus: A Test Case for a Global Response (PDF) *May 01, 2009*

The Homeland Security Council: Considerations for the Future (PDF) *April 01, 2009*

NETworked Radicalization: A Counter-Strategy (PDF) *May 03, 2007*

Stopping Surprise Attacks: Thinking Smarter About Homeland Security *April 23, 2007*

Report of the Future of Terrorism Task Force (PDF) January 25, 2007

Out of the Shadows: Getting Ahead of Prisoner Radicalization (PDF) September 19, 2006

Regionalizing Homeland Security: Unifying National Preparedness and Response (PDF) *June 30, 2006*

Empowering America: A Proposal for Enhancing Regional Preparedness (PDF) *April o6, 2006*

Terrorism Risk Insurance: Assessing TRIA and the Way Forward (PDF) December 05, 2005

Enhancing Preparedness for Cyanide Terrorism (PDF) September 20, 2005

Back to the Future: An Agenda for Federal Leadership of Emergency Medical Services (PDF) *May 02, 2005*

Combating Chemical, Biological, Radiological, and Nuclear Terrorism: A Comprehensive Strategy (Purchase Book) May 21, 2001

Cyber Threats and Information Security: Meeting the 21st Century Challenge May 21, 2001

Journal Articles

Repurposing Cyber Command (PDF) *December* 01, 2013

Foreign Fighters in Syria: Still Doing Battle, Still a Multidimensional Danger (PDF) *August 31*, *2013*

Estonia's Cyber Defence League: A Model for the United States? *August 01, 2013*

Cyber Domain Conflict in the 21st Century January 01, 2013

Radicalization: Behind Bars and Beyond Borders (PDF) April 01, 2007

Cyberstrategy 2.0 (PDF) April 01, 2006

The Use and Limits of U.S. Intelligence (PDF) *November* 01, 2002

Cyber-Attack: The National Protection Plan and Its Privacy Implications (PDF) November 01, 2000

Cyber Threats: Ten Issues to Consider (PDF) September 01, 2000

And the Winner is...The Albanian Mafia (PDF) September 01, 1999 Responding to New Terrorist Threats (PDF) July 01, 1998

Information Warfare and Strategic Terrorism (PDF) February 01, 1997

Between War and Peace: Deterrence and Leverage (PDF) January 01, 1997

Op-Eds & Commentaries

Unintended consequence: Federal cybersecurity workforce a potential casualty of the shutdown *January 22, 2019*

What's wrong with Huawei, and why are countries banning the Chinese telecommunications firm? *December 19, 2018*

With hacking of US utilities, Russia could move from cyberespionage toward cyberwar *July 27, 2018*

Innovate And Invest To Sharpen America's Competitive Edge *December o6, 2017*

Parsing the North Korean Cyber Threat October 18, 2017

Trust Between Criminals is the Darknet's Real Currency *August* 13, 2017

New Executive Order on Cybersecurity Highlights Need for Deterrence, Protection of Key Industries *May* 11, 2017

Police Around the World Learn to Fight Global-Scale Cybercrime *April 26, 2017*

Tackling the MS-13 Problem: A New Designation for a Hybrid Threat? *April 25, 2017*

North Korea Cyberspace Offensives Pose Challenge in US-China Relations *April 05, 2017*

How the Private Sector Can Remake US Cybersecurity January 31, 2017

Trump Administration can Help Finance Sector Shift Cybersecurity Paradigm January 18, 2017

Mounting an Active Defense Against Cyber Threats *November 10, 2016*

What the Federal CISO Needs to get the Job Done *October* 31, 2016

Russia's Aggressive Power is Resurgent, Online and Off *August 25, 2016*

Overview and Analysis of PPD-41: US Cyber Incident Coordination July 27, 2016

NATO After Brexit July 04, 2016

A Cyber JSOC Could Help the US Strike Harder and Faster *April* 25, 2016

Beyond Brussels: Turning the Tide against ISIL in Europe March 31, 2016

Vulnerability and Resilience in the Internet of Everything September 22, 2015

Economic cyber-espionage: Time to tame the dragon *September 16, 2015*

Economic Espionage: A Case for Why the U.S. Needs to Push Back *August 17, 2015*

Massive government employee data theft further complicates US-China relations *June 08, 2015*

We Don't Need a Crisis to Act Unitedly Against Cyber Threats *June 01, 2015*

The Bear is Inside the Wire *April 09, 2015*

Fortifying the Internet of Things means baking in security at the beginning *March o6, 2015*

Obama's cybersecurity initiative: a start but businesses – and individuals – need to do more *February 24, 2015*

How Dangerous Is Vladimir Putin? January 01, 2015

Seven Cybersecurity Questions Bank Boards Need to Ask October 10, 2014

US needs to be prepared for Russian cyber-retaliation *September 23, 2014*

"Takedown: From Capo to `Chapo' – Show Me The Money" May 07, 2014

Chinese Telecom Firms Pose a Threat to U.S. National Security: Huawei and ZTE could be vehicles for Chinese espionage *December 30, 2013*

It's the Ideology, Stupid June 03, 2013

While Congress Dithers, Cyber Threats Grow Greater July 24, 2012

Is America's View of Iran and Hezbollah Dangerously Out of Date? *March 20*, 2012

How to Beat al Qaeda at Its Own Game August 11, 2010 Storm Surge October 05, 2009

To Beat Terrorists, Use Judo, Not Boxing *August* 13, 2009

A Message to Congress from National Security and Terrorism Experts (PDF) *July 10, 2009*

How Can the U.S. Improve Human intelligence? July 06, 2008

Ice Cube on Plate Glass Window: First Responders Should Support Increased EMS Funding (PDF) July 07, 2005

Fighting Terrorism January 11, 2002

For A Limited Time – Advice for A New Secretary Commentary Series

Time for the United States and Russia to Take on ISIS Together in Syria *November 13, 2015*

AQAP Loses Its Chief of External Operations: Counterterrorism Implications (PDF) July 29, 2013

Beyond Benghazi: A Powerful New Counterterrorism Strategy? (PDF) October 19, 2012

After bin Laden the Threat Remains: Drones, CIA and SOF Still the Only Game in Town (PDF) *May 02, 2011*

Tumult in the Middle East: When and Where Will the Next Shoe Drop? (PDF) *February* 11, 2011

Managing Complexity in a WikiLeaks World (PDF) December 13, 2010

Eurovision? Let's Hope It's Farsighted (PDF) October 08, 2010

Baghdad Surprise? (PDF) August 20, 2010

Hammami the Jihadist Pop Star--Bridging Worlds: From Mobile to Mogadishu (PDF) *August 09, 2010*

All Hands—and Eyes—Needed on Deck (PDF) May 28, 2010

Stopping Terror In and On Its Tracks (PDF) March 31, 2010

Disaster Diplomacy (PDF) February 26, 2010

Cons Gone Wild? (PDF) January 28, 2010 No Longer On Auto-Pilot: Aviation Security and Intelligence Reform (PDF) January 09, 2010

Reckless Neglect: A Disaster Waiting to Happen...Again? (PDF) August 28, 2009

Canada and the United States: Time for a Joint Threat Assessment? (PDF) *April 22, 2009*

Micro-Diplomacy in Afghanistan: Disaggregating and Engaging the Taliban (PDF) *February* 17, 2009