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Founding Director, Global Resilience Institute
Professor of Political Science
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EDUCATION:

- Ph.D. in International Relations, The Fletcher School of Law and Diplomacy, Tufts University, 1991
- M.A.L.D. in International Relations, The Fletcher School of Law and Diplomacy, Tufts University, 1990
- B.S. in Government, U.S. Coast Guard Academy, 1982

ACADEMIC AWARDS:

- Northeastern University Outstanding Innovation Award for exemplary entrepreneurship, innovation, and creativity, and that furthers Northeastern's goal to transform higher education, 2018
- Honorary Doctorate of Laws, Monmouth University, 2009
- Pew Faculty Fellowship in International Affairs, John F. Kennedy School of Government, Harvard University, 1994-95
- Annenberg Scholar-in-Resident, Annenberg School for Communication, University of Pennsylvania, 1993-94
- Council on Foreign Relations' International Affairs Fellowship, Foreign Policy Studies Program, The Brookings Institution, 1991-92
- Edmund A Gullion Prize, Fletcher School of Law and Diplomacy, Tufts University, 1988, for highest academic achievement
- Veterans of Foreign Wars Prize, U.S. Coast Guard Academy, 1982, for highest academic achievement in the Humanities
- The Daughters of American Revolution Prize, U.S. Coast Guard Academy, 1982, for highest academic achievement in American History

PROFESSIONAL AWARDS:

- The Infrastructure Security Partnership Annual Award for Distinguished Leadership in Critical Infrastructure Resilience, 2010
- Top 25 Most Influential People in Security 2009, *Security Magazine*
- Maritime Security Service Recognition Award, 2005, presented by the Maritime Security Council for outstanding leadership in raising the standards of maritime security worldwide
- Alumni Achievement Award, U.S. Coast Guard Academy Alumni Association, 1999, for recognition of the graduate within the past 20 years who has an outstanding record of achievement and promise of lifelong distinction.
- Legion of Merit Medal, 2001
- Meritorious Service Medal, 1992
- U.S. Coast Guard Commendation Medal, 1993
- U.S. Coast Guard Achievement Medal, 1986

PROFESSIONAL SOCIETIES:

- Life Member, Council on Foreign Relations
- Member, U.S. Naval Institute

EMPLOYMENT HISTORY

- 2011 – present Professor of Political Science, Northeastern University, Boston, MA
- 2017- present Founding Director, Global Resilience Institute, Northeastern University, Boston, MA
- 2016-present Member of the Board of Directors, George J. Kostas Research Institute for Homeland Security

2011-2016 Co-Director, Kostas Research Institute for Homeland Security, Northeastern University

2010 – 2011 President, Center for National Policy, Washington, DC

1999 – 2009 Senior Fellow for National Security and Counterterrorism Studies, Council on Foreign Relations, New York, NY

Fall 2008 Lead Policy Advisor on Homeland Security for Barack Obama Presidential Transition Team, Washington, DC

2002 Director, Independent Task Force, *America-Still Unprepared, Still in Danger*, (Gary Hart & Warren Rudman co-chairs), Council on Foreign Relations, New York, NY

1994 – 2002 Associate Professor of International Relations, Department of Humanities, U.S. Coast Guard Academy, New London, CT

1997 Director, Office of Global Issues, National Security Council, The White House, Washington, DC

1992 – 1993 Commanding Officer, U.S. Coast Guard Cutter RED WOOD, New London, CT

1991 – 1992 Guest Scholar & Project Co-Director, Foreign Policy Studies Program, The Brookings Institution, Washington, DC

Summer 1989 Executive Assistant, General Charles C. Krulak, USMC, White House Military Office, Washington, DC

1988 – 1991 Instructor, Department of Humanities, U.S. Coast Guard Academy, New London, CT

1986 – 1988 Graduate Student, Fletcher School of Law and Diplomacy, Tuft University, Medford, MA

1984 – 1986 Commanding Officer, U.S. Coast Guard Cutter POINT ARENA, Norfolk, VA

1982 – 1984 Operations Officer, U.S. Coast Guard Cutter SPAR, South Portland, ME

COLLATERAL PROFESSIONAL EXPERIENCES

2017 – present Chair, Massachusetts Port Authority (Massport) Security Advisory Committee, Boston, MA

2015 – present Professor (affiliated), Civil and Environmental Engineering, Northeastern University, Boston, MA

2015 – present Professor (affiliated), School of Public Policy & Urban Affairs, Northeastern University, Boston, MA

2014 – present Member, Homeland Security Science & Technology Advisory Committee (HSSTAC), U.S. Department of Homeland Security, Washington, DC

2009 – present Affiliated Faculty, National Center for Disaster Preparedness, Earth Institute, Columbia University

2007 – present Senior Research Fellow, Risk Management & Decision Processes Center, The Wharton School, University of Pennsylvania, Philadelphia, PA

2010 – 2015 Distinguished Visiting Fellow, Homeland Security Studies & Analysis Institute, Arlington, VA

- 2009 – 2015 Member, Homeland Security Project (Thomas Kean & Lee Hamilton, co-chairs) Bipartisan Policy Center, Washington, DC
- 2009 Facilitator, Counterterrorism and Domestic Security Management Study Group, Inaugural Quadrennial Homeland Security Review, U.S. Department of Homeland Security, Washington, DC
- 2006 – 2010 Consulting Professor, Center for International Security and Cooperation, Stanford University, Stanford, CA
- 2005 – 2015 Independent Consultant on homeland security, John Hopkins University Applied Physics Laboratory, Laurel, MD
- 2004 – 2010 Member, Marine Board, Transportation Research Board of the National Academies, Washington, DC
- 2003 – 2004 Principal Advisor, Bi-partisan Congressional Port Security Caucus, U.S. House of Representatives & U.S. Senate, Washington, DC
- 2002 Member, National Academy of Sciences Panel on Science and Technology for Countering Terrorism in Transportation and Distribution Systems, Washington, DC
- 2000 – 2001 Study Group Member, U.S. Commission on National Security/21st Century (Hart-Rudman Commission), Washington, DC
- 1992 – 1994 Visiting Scholar & Project Co-Director, Foreign Policy Studies Program, The Brookings Institution, Washington, DC
- 1991 – 1992 Adjunct Fellow & Project Director, Political-Military Program and Americas Program, Center for Strategic and International Studies, Washington, DC
- 1989 – 1991 Consultant, Office of Emergency Operations, The White House, Washington, DC

GRANTS

- 2017 – 2021 “CRISP Type 2: Interdependent Network-based Quantification of Infrastructure Resilience (INQUIRE),” Principal Investigator: Albert-Lazlo Barabasi; Co-Principal Investigators: Stephen Flynn, Kate Coronges, Edmund Yeh, and Auroop Ganguly; National Science Foundation (\$2,500,000)
- 2017 – 2018 “Unmanned Aerial Systems (UAS) Damage Assessment for Recovery (RC3),” Principal Investigator: Jerome Hajjar; Co-Principal Investigators: Stephen Flynn, Taskin Padir, and Peter Boynton, U.S. Department of Homeland Security, National Protection and Programs Directorate (\$275,000)
- 2015 – 2018 “Center for Resilience Studies Network: Learning from Major Disasters that Disrupt Lifeline-Infrastructure,” Principal Investigator: Stephen Flynn, U.S. Department of Homeland Security Office of Science & Technology (\$3,000,000)
- 2015 – 2017 “Critical Infrastructure Resilience Center of Excellence: Economic Incentives and Governance,” Principal Investigator: Stephen Flynn, U.S. Department of Homeland Security Office of Science & Technology (\$1,600,000)
- 2014 – 2016 “Bolstering Counter-proliferation Efforts within Global Supply Chains,” Principal Investigator: Stephen Flynn; MacArthur Foundation (\$400,000)

- 2014 – 2015 “Devising Economic Incentives for Advancing Infrastructure Resilience,” Principal Investigator: Stephen Flynn; U.S. Department of Homeland Security, Office of Science and Technology (\$350,000)
- 2013 – 2014 “International Symposium on Developing Standards for Disaster Resilience of Buildings, Infrastructure, and Communities” Principal Investigator: Stephen Flynn: National Institute of Standards and Technology, (\$300,000)
- 2013 – 2014 “After Superstorm Sandy - Bolstering the Resilience of Metro-New York’s Infrastructure” Principal Investigator: Stephen Flynn; Alfred P. Sloan Foundation (\$575,000)
- 2010 – 2011 “9/11 Tenth Anniversary Summit: Remembrance/Renewal/Resilience” Principal Investigator: Stephen Flynn: Rockefeller Foundation (\$500,000)
- 2010 – 2012 “Building a Resilient America: Informing and Advancing Resilience as a National Security and Civil Liberties Imperative” Principal Investigator: Stephen Flynn, Open Society Institute (\$200,000)
- 2010 – 2012 “Building a Resilient America: Informing and Advancing Resilience as a National Security, Economic & Civic Imperative” Principal Investigator: Stephen Flynn; Smith Richardson Foundation (\$225,000)

PUBLICATIONS

BOOKS:

Critical Infrastructures Resilience: Policy and Engineering Principles with Auroop Ganguly & Udit Bhatia (New York: Routledge, 2018)

The Edge of Disaster: Rebuilding a Resilient Nation (New York: Random House in cooperation with the Council on Foreign Relations, 2007).

America the Vulnerable: How Our Government is Failing to Protect Us From Terrorism with a New Afterword (New York: Harper Perennial House in cooperation with the Council on Foreign Relations, 2005).

America the Vulnerable: How Our Government is Failing to Protect Us From Terrorism (New York: HarperCollins House in cooperation with the Council on Foreign Relations, 2004).

MONOGRAPHS:

Higher Ground: The Sophisticated Healthcare Response to the SouthEast Texas Regional Advisory Council to Hurricane Harvey (Boston: Northeastern University & SETRAC, 2018).

Lessons Learned from the 2017 Boston Logan International Airport Active Shooter – Hostile Event Exercise Resilience (Boston: Northeastern University, 2018)

A New International Framework for Bolstering Global Supply System Security and Resilience (Boston: Northeastern University, 2017)

Resilience Governance for Infrastructure Dependencies and Interdependencies: A Practical Model for Regional Critical Infrastructure Resilience (Boston: Northeastern University, 2017)

Wildfires: A Changing Landscape (Boston: Northeastern University & National Fire Protection Association, 2017)

Boston Under Snow: Resilience Lessons for the Nation (Boston: Northeastern University, 2017).

The South Carolina Deluge: Lessons from a Watershed Disaster (Boston: Northeastern University, 2016).

Bolstering Critical Infrastructure Resilience After Superstorm Sandy: Lessons for New York and the Nation (Boston: Northeastern University, 2015).

International Resilience Symposium: Understanding Standards for Communities and Built Infrastructure Resilience - NIST GCR 15-917-37 (Gaithersburg, MD: National Institute of Standards and Technology, U.S. Department of Commerce, 2015).

Energy Resilience, w/ Sean Burke, Center for National Policy Report (Washington: Center for National Policy, 2012).

Critical Transportation Infrastructure and Community Resilience, w/ Sean Burke, Center for National Policy Report (Washington: Center for National Policy, 2012).

Connecting America: Building Resilience with Social Media. w/ Scott Bates, Center for National Policy Report (Washington: Center for National Policy, 2011).

Before the Next Katrina: Urgent Recommendations for the President and Congress for Gulf Coast Resilience, w/ Sean Burke, Center for National Policy Report (Washington: Center for National Policy, 2010).

Aligning Business and Government Interests in Maritime Domain Awareness and Global Movement Management w/ W. Scott Gould (Washington: IBM Global Business Services, March 2007).

The Neglected Defense: Mobilizing the Private Sector to Support Homeland Security, Council Special Report No. 13 (New York: Council on Foreign Relations, 2006).

Defeating the Jihadists: A Blueprint for Action with Richard A. Clarke, et. al., (New York: The Century Foundation Task Force Report, 2004).

America—Still Unprepared, Still in Danger. The Report of an Independent Task Force (New York: Council on Foreign Relations, 2002).

“Creating the Department of Homeland Security: Rethinking the Ends and Means” (New York: The Century Foundation, An Occasional Paper, *Homeland Security Project*, Aug 2002).

U.S. Support of Plan Colombia: Rethinking the Ends and Means. Implementing Plan Colombia, Special Series (Carlisle: Strategic Studies Institute, U.S. Army War College, May 2001).

The Transnational Drug Challenge and the New World Order. The Report of the CSIS Project on the Global Drug Trade in the Post-Cold War Era (Washington: Center for Strategic & International Studies, Jan 1993).

BOOK CHAPTERS:

“The Challenge of Securing the Global Supply Chain,” in *Beyond 9/11: Building a Homeland Security Enterprise for the 21st Century* (forthcoming MIT Press, 2019)

“Climate Hazards and Critical Infrastructure Resilience” w/ Udit Bhatia, et. al, in *Encyclopedia of GIS*, eds. Hui Xiong and Xun Zhou with Udit Bhatia, et. al., (Springer International Publishing, 2017): 206-216.

“The Role of Community Resilience in Advancing Security,” in *State, Society, and National Security: Challenges and Opportunities in the 21st Century*, ed. Shashi Jayakumar (Singapore: World Scientific Publishing, 2016): 71-81.

“Building a Resilient Nation” w/ Sean Burke. *The McGraw Hill Homeland Security Handbook*. Ed. David Kamien (New York: McGraw Hill: 2012): 811-822.

“Resilience: Defying Terrorism and Mitigating Natural Disasters” in *Resilience and National Security in an Uncertain World*, (Singapore: S. Ragaratnam School of International Studies, 2011): 8-15.

“Improving Homeland Resilience” in *Global Strategic Assessment 2009: America’s Security Role in a Changing World* (National Defense University Press, 2009): 434-437.

“Resiliency in the Face of Unrestricted Warfare Attacks,” *2009 Unrestricted Warfare Symposium*, Ed. Ronald R. Luman, (Johns Hopkins University Applied Physics Laboratory, 2009): 119-145.

“Mahan Revisited: Why Resilient Commercial Seaports are a National Security Imperative” in *U.S. Marine Salvage Assets and Capabilities in a Maritime Disaster*, Transportation Research Board, National Research Council (2009).

“Homeland Defense,” *2008 Unrestricted Warfare Symposium*, Ed. Ronald R. Luman, (Johns Hopkins University Applied Physics Laboratory, 2009): 73-88.

“The Brittle Superpower,” in *Terroronomics: The Economics of Terrorism*, ed. by Sean Costigan (Ashgate Press, 2007).

“The Brittle Superpower,” in *Seeds of Disaster, Roots of Response: How Private Decisions Affect Public Vulnerability*, ed. by Lewis Branscomb, et.al. (Cambridge University Press, 2006).

“The Perils of Neglecting America’s Waterfront,” in *The Forgotten Homeland: A Century Foundation Task Force Report*, chaired by Richard A. Clarke & Rand Beers, (New York: *The Century Foundation Press*, 2006): 189-202.

“The Global Drug Trade vs. The Nation State: Why the Thugs Keep Winning,” in *Beyond Sovereignty: Issues For a Global Agenda 3rd* ed. Maryann K. Cusimano (New York: St. Martin’s Press, 2005).

“The False Conundrum: Continental Integration vs. Homeland Security” in *The Re-bordering North America? Integration and Exclusion in a New Security Environment*, ed. Peter Andreas and Thomas J. Bierstecker (New York: Routledge, 2003).

“The Global Drug Trade vs. The Nation-State” in *Beyond Sovereignty*, 2nd ed. , ed. MaryAnn K. Cusimano (New York: Wadsworth, 2003).

“Stemming the Spread of Weapons within International Transportation Networks,” in *Treaty Enforcement and International Cooperation in Penal Matters* (T.M.C.Asser Press, The Hague, The Netherlands, 2002).

“Transforming Border Management in the Post-September 11 World” in *Governance & Public Security* (Syracuse: Syracuse University: 2002): 37-51.

“The Unguarded Homeland: A Study in Malign Neglect” in *How Did This Happen? Terrorism and The New War*, eds. James F. Hoge, Jr. and Gideon Rose. (New York: Public Affairs, 2001): 183-97.

“The Global Drug Trade vs. The Nation State: Why the Thugs Are Winning” in *Beyond Sovereignty*, ed. MaryAnn Cusimano (New York: Bedford/St. Martins Press, 2000): 44-66.

“Asian Drugs, Crime, and Control: Rethinking the War,” in *Fires Across the Water: Transnational Problems in Asia*, ed. James Shinn (New York: Council on Foreign Relations, 1998): 18-44.

“The Global Drug Scourge: The Hidden Story,” in *Invisible Crises*, ed. George Gerbner, Hamid Mowlana, and Herbert I. Schiller (Boulder: Westview, 1996): 249-266.

“Worldwide Drug Scourge: The Expanding Trade in Illicit Drugs” in *At Issue: Politics in the World Arena*, ed. Steven L. Spiegel and David J. Pervin (New York: St. Martin’s Press, 1994): 443-458 (Reprint of two-part *Brookings Review* article).

REFEREED ARTICLES:

“Measurable Resilience for Actionable Policy,” with Igor Linkov, et.al., *Environmental Science & Technology*, 47 (2013): 10108-10110.

“Countering the Threat of Nuclear Terrorism at Domestic and Foreign Ports,” w/ Nitin Bashi & Noah Gans, *Informed Decisions on Catastrophic Risks* (The Wharton School, University of Pennsylvania, Winter 2012).

“Estimating the Operational Impact of Container Inspections at International Ports” w/ Nitin Bakshi, Noah Gans, *Management Science*, 57:1 (Jan 2011): 1-20.

"The Optimal Spatiotemporal Deployment of Radiation Portal Monitors can Improve Detection at Overseas Ports;" *Science & Global Security* 15:2, 2008, with Lawrence M. Wein, et. al.

“Drug Trafficking, The International System, and Decision Constraints: A Policy-Making Simulation.” *International Studies Perspectives* I:1 2000: 45-55.

ARTICLES IN FOREIGN AFFAIRS:

“Recalibrating Homeland Security: Mobilizing American Society to Prepare for Disaster,” *Foreign Affairs*, 89:3 May/Jun 2011: 130-140.

“America the Resilient: Defying Terrorism and Mitigating Natural Disasters,” *Foreign Affairs*, 87:2 Mar/Apr 2008: 2-8.

“The Neglected Homefront,” *Foreign Affairs* 83:1 Sep/Oct. 2004: 20-33.

“American The Vulnerable,” *Foreign Affairs* 81:1 Jan/Feb. 2002: 60-74.

“Beyond Border Control,” *Foreign Affairs* 79:6 Nov/Dec, 2000: 57-68.

ARTICLES IN PROFESSIONAL JOURNALS

“Brittle Infrastructure, Community Resilience, and National Security,” w/ Sean Burke. *TR News: Transportation Research Board*, 275, Jul/Aug 2011.

“A National Security Perspective on Resilience,” *Resilience: Interdisciplinary Perspectives on Science and Humanitarianism*, 2, Mar 2011: i-ii.

“Rebuilding a Resilient Nation,” *Government Finance Review Magazine* (Dec 2007).

“Port Security is Still a House of Cards,” *Far Eastern Economic Review* 169:1, Jan/Feb 2006: 5-11.

“Prepare for a Period of Consequences” w/ Frank G. Hoffman, *U.S. Naval Institute Proceedings* 128:7 (July 2002): 34-35.

“Homeland Security is a Coast Guard Mission,” *U.S. Naval Institute Proceedings* 171:10 Oct 2001: 72-5.

“Bolstering Cargo Container Security” w/ Peter Hall, *U.S. Attorneys’ Bulletin* 52:1 Jan 2004: 35-42.

“Potential Strange Bedfellows? Homeland Security and Nonproliferation in the Post-9/11 World” *The Monitor* (The Journal of the Center for International Trade and Security). 9:3 Fall 2003.

“Lo Insensato de una Política Estadounidense para Colombia en Torno a las Drogas,” *Aerospace Power Journal Espanol*, (Tercer Trimestre 2001): 48-56.

“Mas alla del control de las fronteras,” *Foreign Affairs en Espaniol*, Inaugural issue (December 2000): 19-32.

“Transportation Security: Agenda for the 21st Century,” *Transportation Research Board TR News*, 211 Nov/Dec 2000: 3-7.

“21st Century Minutemen to Combat Asymmetrical Warfare.” *Strategic Review*, XXV:3 Summer 1998: 67-68.

“Globalizacion del Narcotrafico: Las Drogas y el Crimen Organizado.” *Revista Occidental* XII: 3 1995: 253-302.

“Erosion de la Soberania y la Incipiente Globalizacion del Narcotrafico.” *Revista Occidental* XII: 2 1995; 157-193.

“Worldwide Drug Scourge: The Response.” *The Brookings Review* XI:2 Spring 1993: 36-39.

Worldwide Drug Scourge: The Expanding Trade in Illicit Drugs.” *The Brookings Review* XI:1 Winter 1992/93: 6-11.

Command and Control in the Age of Nuclear Plenty: Can the Threat of Third World Nuclear Arsenals be Managed?” *Strategic Review* XX: I (Winter 1992): 71-76.

“Covering Our Six.” *U.S. Naval Institute Proceedings* 115 Oct 1989: 123-128.

OP-ED’s & MEDIA ARTICLES:

“Vote as if your security depended on it,” CNN, November 6, 2016

“Katrina at 10: Reflections on a Human-Made Disaster,” Council on Foreign Relations *Renewing America Blog*, Aug 24, 2015.

“All Ebola is Local,” *POLITICO Magazine*, Oct 26, 2014.

“U.S. is prepared to defend against planes used as weapons, but other nations lack such protection,” *New York Daily News*, Mar 20, 2014.

“Delivering the Message to Terrorists—The Boston Way”, *The Police Chief* LXXX:6 (June 2013): 20-21.

“Four things Boston teaches us about handling terror,” *CNN*, April 22, 2013.

“America Isn’t Ready for Superstorms,” *CNN*, January 6, 2013.

“The real trouble begins after Isaac is gone,” w/ Sean Burke, *CNN*, August 28, 2012.

“Rebuilding America” w/ Eddie Rosenstein, *Reuters*, September 10, 2011.

“We’re Still Not Ready for a Hurricane Katrina,” *Washington Post – Outlook* (Aug 29, 2010).

“5 myths about keeping America safe from terrorism,” *Washington Post – Outlook* (Jan 3, 2010) “America is Still at Risk - From Itself,” *Newsweek Special Issue* (Dec 2009).

“Homeland Insecurity: The Disaster at DHS,” *The American Interest*, (May/June 2009): 19-26.

“America’s infrastructure crisis,” *CNN.com*, Jan 28, 2009.

“Misguided Missile Defense,” *The Boston Globe*, co-authored by Congressman John Tierney (Mar 28, 2008).

“A Crack in the Dam,” *Popular Mechanics* (Nov 2007).

“Five Disasters Coming Soon If We Don’t Rebuild U.S. Infrastructure,” *Popular Mechanics* online (Oct 19, 2007).

“Malign Neglect: Lessons from the I-35W Bridge Collapse,” *The Boston Globe* (August 7, 2007).

“Feds fail to fortify top NJ terror targets,” *New York Daily News* (March 28, 2007).

“If terrorists hit Boston,” *The Phoenix* (March 8, 2007).

“U.S. Not Prepared for the Next ‘Big One,’” *CNN.com* (February 20, 2007).

“Terror’s Next Target?,” *US News & World Report - cover story* (February 19, 2007).

“Nightmare in a nightclub,” *US News & World Report* (February 19, 2007).

“The next attack,” *Washington Monthly* (February 10, 2007).

“The Morning-After Problem,” *Journal of Commerce* (January 2007).

“Capitalizing on the Private Sector to Protect the Homeland,” *The Washington Post* (April 28, 2006).

“A Port in the Storm Over Dubai,” w/ James Loy, *The New York Times* (February 28, 2006).

“Think Inside the Box” w/ Lawrence Wein, *The New York Times* (November 29, 2005).

“U.S. Port Security and the Global War on Terror,” *The American Interest* (Fall 2005): 92-96.

“Fortress America,” *Robb Report Worth* 14:7 (July 2005): 40-41.

“Color Me Scared,” *The New York Times* (May 25, 2005).

“Our Hair is on Fire” w/ Warren Rudman, Gary Hart, Les Gelb, *Wall Street Journal* (Dec 16, 2004).

“Are We Secure?” *Dallas Morning News* (Nov 7, 2004).

“Terrorism and the Bottom Line,” *Forbes* 174:6 (Oct 4, 2004): 48.

“Terror alert highlights missed opportunities,” *New Jersey Star Ledger* (Aug 10, 2004).

“Why America is Still an Easy Target,” *TIME* (Jul 26, 2004).

“M.I.A.—Enough Resources for Homeland Security,” w/ Robert Knake, *Government Security News* (July 2003): 43.

“Reflections on Security,” *Journal of Commerce Week* (Sep 9-15, 2002): 11-12.

CONGRESSIONAL HEARINGS:

“A Roadmap for Overcoming the Flaws in the U.S. Government Efforts to Improve Global Supply System Security,” Hearing on “Prevention of and Response to the Arrival of a Dirty Bomb at a U.S. Port” before the Coast Guard and Maritime Transportation SubCommittee, The Committee on Transportation and Infrastructure, U.S. House of Representatives on Oct 27, 2015

“The New Homeland Security Imperative: The Case for Building Greater Societal and Infrastructure Resilience” Hearing on “The Future of Homeland Security: Evolving and Emerging Threats” before the Committee on Homeland Security and Governmental Affairs, U.S. Senate on July 11, 2012

“Beyond Private-Public: Making America’s Universities Full-Fledged Cyber-Security Partners,” Hearing on “America is Under Cyber Attack: Why Urgent Action is Needed” before the Subcommittee on Oversight, Investigations and Management, The Committee on Homeland Security, U.S. House of Representatives on April 24, 2012

“Beyond Law Enforcement and Screeners: The Role of Training and Public Education in Rail and Transit Security” Hearing on “See Something, Say Something, Do Something: Next Steps for Security Rail and Transit” before The Committee on Homeland Security and Governmental Affairs, U.S. Senate on June 22, 2011

“Assessing the Terrorist Threat: The Implications for Homeland Security” Hearing on “The Evolving Nature of the Terrorism Threat – Nine Years After the 9/11 Attacks” before the Committee on Homeland Security, U.S. House of Representatives on Sep 15, 2010

“Building a More Resilient Nation by Strengthening Private-Public Partnerships.” Hearing on “New Paradigms for Private Sector Preparedness” before the Ad Hoc Subcommittee on State, Local and Private Sector Preparedness and Integration, Committee on Homeland Security and Governmental Affairs, U.S. Senate on March 4, 2010

“Tapping America’s Greatest National Asset: An Informed and Engaged Civil Society” Hearing on “The Resilient Homeland: How DHS Intelligence Should Empower America to Prepare for, Prevent, and Withstand Terrorist Attacks” before the Subcommittee on Intelligence, Information Sharing, and Terrorism Risk Assessment, Committee on Homeland Security, U.S. House of Representatives on May 15, 2008

“Overcoming the Flaws in the U.S. Government Efforts to Improve Container, Cargo, and Supply Chain Security.” Hearing on “Container, Cargo and Supply Chain Security – Challenges and Opportunities” before the Homeland Security Appropriations Subcommittee, U.S. House of Representatives, April 2, 2008

“Weighing the Non-Missile Threat to the U.S. Homeland.” Hearing on “Oversight of Ballistic Missile Defense: Threats, Realities, and Tradeoffs” before the National Security and Foreign Affairs Subcommittee Committee, Committee on Oversight and Government Reform, U.S. House of Representatives, March 5, 2008

“A Manageable Risk: Assessing the Security Implications of Liquefied Natural Gas and Recommendations for the Way Forward.” Hearing on “The Safety and Security of Liquefied Natural Gas” before the Subcommittee on Coast Guard and Maritime Transportation of the Committee on Transportation and Infrastructure, U.S. House of Representatives, May 7, 2007

“Ready to Blow: The Inadequacy of Federal Security Rules and Funding to Adequately Safeguard the Nation’s High-Risk Chemical Facilities and a Proposed Way Forward.” Hearing on “The Importance of State and Local Authorities in Ensuring Chemical Plant Security” before the Subcommittee on Transportation Safety, Infrastructure Security and Water Quality, Committee on Environment and Public Works, U.S. Senate on March 19, 2007

“The Limitations of the Current U.S. Government Efforts to Secure the Global Supply Chain against Terrorists Smuggling a WMD and a Proposed Way Forward.” Hearing on “Neutralizing the Nuclear and Radiological Threat: Securing the Global Supply Chain” before the Permanent Subcommittee on Investigations, Committee on Homeland Security and Governmental Affairs, U.S. Senate, on March 28, 2006

“The Continued Vulnerability of the Global Maritime Transportation System.” Hearing on “Foreign Operations of U.S. Port Facilities” before the Subcommittee on Coast Guard and Maritime Transportation Committee on Transportation and Infrastructure, U.S. House of Representatives, on March 9, 2006

“The DP World Controversy and the Ongoing Vulnerability of U.S. Seaports.” Hearing on “The National Security Implications of the Dubai Ports World Deal to Take Over Management of U.S. Ports” before the Committee on Armed Services, U.S. House of Representatives, on March 2, 2006

“Addressing the Shortcomings of the Customs-Trade Partnership Against Terrorism (C-TPAT) and the Container Security Initiative (CSI).” A hearing on “The Container Security Initiative and the Customs-Trade Partnership Against Terrorism: Securing the Global Supply Chain or Trojan Horse?” before the Permanent Subcommittee on Investigations, Committee on Homeland Security and Governmental Affairs, U.S. Senate, on May 26, 2005

“Ending the Post 9/11 Security Neglect of America’s Chemical Facilities.” Hearing on “The Security of Security of America’s Chemical Facilities” before the Committee on Homeland Security and Governmental Affairs, U.S. Senate, on April 27, 2005

“The Department of Homeland Security: The Way Ahead After a Rocky Start.” Hearing on “The Department of Homeland Security: The Road Ahead” before the Committee on Homeland Security and Governmental Affairs, U.S. Senate, on January 26, 2005

“The Ongoing Neglect of Maritime Transportation Security.” Hearing on “The 9/11 Commission’s Maritime Transportation Security Proposals” before the Subcommittee on Coast Guard and Maritime Transportation Committee on Transportation and Infrastructure, U.S. House of Representatives, on August 25, 2004

“The Limitations of the Current Cargo Container Targeting and Inspection Protocols.” Hearing on “A Review to Assess Progress with the Bureau of Customs and Border Protection’s Targeting Program for Sea Cargo” before the Subcommittee on Oversight and Investigations, Committee on Energy and Commerce, U.S. House of Representatives, on March 31, 2004

“Rethinking the Role of the U.S. Mexican Border in the Post-9/11 World.” Hearing on “U.S. - Mexico: Immigration Policy and the Bilateral Relationship” before the Committee on Foreign Relations, U.S. Senate, on March 23, 2004

“The Fragile State of Container Security.” Hearing on “Cargo Containers: The Next Terrorist Target?” before the Governmental Affairs Committee, U.S. Senate, on March 20, 2003

“The Role of Technology in a New Border Control Paradigm.” Joint Hearing on “Border Technology: Keeping Terrorists Out of the United States—2003” before the Judiciary Subcommittee on Border Security, Citizenship and Immigration and the Judiciary Subcommittee on Technology, Terrorism, and Government Information, U.S. Senate, on March 12, 2003

“America Still Unprepared—America Still in Danger.” Hearing on “The Hart-Rudman Terrorism Task Force before the Judiciary Subcommittee on Technology, Terrorism & Government Information, U.S. Senate, on November 14, 2002

“The Potential Impact of Homeland Security Reorganization on Federal Law Enforcement Activities Unrelated to Terrorism and Narcotics Interdiction” before the Subcommittee on Criminal Justice, Drug Policy and Human Resources, Government Reform Committee, U.S. House of Representatives, on June 17, 2002

“Maritime Transportation and Port Security.” Hearing on “Homeland Security: Infrastructure Security—Port Security” before Committee on Appropriations, U.S. Senate, on April 11, 2002

“Port and Maritime Security Since September 11, 2001.” Field Hearing on “S. 1214, The Port and Maritime Security Act” before the Committee on Commerce, Science, and Transportation, U.S. Senate, on February 19, 2002

“Bolstering the Maritime Weak Link.” Hearing on Weak Links: Assessing the Vulnerability of U.S. Ports and Whether the Government is Adequately Structured to Safeguard Them, before the Committee on Governmental Affairs, U.S. Senate, on December 6, 2001

“Preserving Open Borders in the Post-September 11 World.” Hearing on North American Integration and Canada’s Role in the Light of New Security Challenges, before the Standing Committee on Foreign Affairs and International Trade, House of Commons, Ottawa, Ontario, Canada, on November 27, 2001

“Statement on the Office of Homeland Security.” Hearing on Legislative Options to Strengthen Homeland Defense, before the Committee on Governmental Affairs, U.S. Senate, on October 12, 2001

“Drugs in the 1990s--The International Dimension.” Hearing on Drugs in the ‘90’s: Emerging Trends: The Challenge Facing the DEA, the Justice Department, and the Coast Guard before the Subcommittee on Information, Justice, Transportation, & Agriculture of the Committee on Government Operations, U.S. House of Representatives, on May 25, 1994

“Toward an International Drug Agenda: The Case for New Strategies, New Institutions, New Programs,” Hearing on the 1993 International Narcotics Control Strategy Report and the Future of U.S. Narcotics Policy before the Subcommittee on International Security, International Organizations and Human Rights; Committee on Foreign Relations, U.S. House of Representatives, on May 11, 1993

CONFERENCES/WORKSHOPS ORGANIZED:

“Solutions for Global Resilience Thriving, Not Just Surviving,” Inaugural Summit of the Global Resilience Research Network (GRRN), Northeastern University, Boston, MA March 29-30, 2018

“International Symposium on Developing Standards for Disaster Resilience of Buildings, Infrastructure, and Communities,” National Institute of Standards and Technology, Gaithersburg, MD, Sep 3-4, 2014

“After Superstorm Sandy: Developing Economic Incentives for Advancing Infrastructure Resilience,” University of Pennsylvania, Wharton School, Philadelphia, PA March 21, 2014

After Superstorm Sandy: Lessons Learned for Bolstering the Resilience of Health Systems and Services,” Columbia University, New York, NY, Dec 3, 2013

“After Superstorm Sandy: Lessons Learned for Bolstering Energy Resilience,” New York University, New York, NY, Sep 17, 2013

“After Superstorm Sandy: Lessons Learned for Bolstering Transportation Resilience,” Stevens Institute of Technology, Hoboken, NJ, Jun 25, 2013

“9/11 Tenth Anniversary Summit: Remembrance/Renewal/Resilience,” Center for National Policy, Co-organized with Voices of September 11th and Community and Regional Resilience Institute, Newseum, Washington, DC September 8, 2011

“Improving Border Security to Enhance the Flow of Peoples and Goods—A 21st Century Imperative” Co-sponsored by the University of the West Indies, University of Miami, Council on Foreign Relations, Rodney Bay, St. Lucia, November 21-22, 2002

“Adapting Border Controls to Enhance Facilitate Trade and Security in Trinidad & Tobago” Co-sponsored by the University of the West Indies, University of Miami, Council on Foreign Relations, Port of Spain, Trinidad, October 16-17, 2002

“Reinventing Ports of Entry and Border Management to Support Jamaican Trade & Development,” Co-sponsored by the University of the West Indies, University of Miami, Council on Foreign Relations, Kingston, Jamaica, October 24-25, 2001

“Adapting Border Controls to Support Caribbean Trade & Development.” Co-sponsored by the University of the West Indies, University of Miami, the Caribbean Shipping Association, and the Shipping Association of Trinidad & Tobago, Port of Spain, Trinidad, May 4-5, 2000

“Revitalizing a Historic Port: Charting a Course for 21st Century New London.” A conference sponsored and hosted by U.S. Coast Guard Academy, Sep 27-28, 1999

“Transportation Leadership in the 21st Century.” A Workshop for the Secretary of Transportation and Senior Department Leaders and Agency Heads, U.S. Coast Guard Academy, June 15-16, 1999

“Troubled Waters: Managing Competing Marine Interests in Western Long Island Sound.” A conference co-sponsored by U.S. Coast Guard Academy and U.S. Merchant Marine Academy, April 5, 1999

“Navigating the Uncertain Waters of the 21st Century: The Role of New Technologies in Building a Competitive and Secure Maritime Infrastructure;” A conference co-sponsored by U.S. Coast Guard Academy, National Oceanic and Atmospheric Administration, and the Institute of Navigation,” NOAA Headquarters, Washington, DC, May 22, 1999

“Global Organized Crime as an Issue of National Security,” A Workshop for the Office of Global Issues, National Security Council, Executive Office of the President, Washington D.C., May 19, 1996

FILMS:

“What is Resilience?” Produced by the Global Resilience Institute, Northeastern University, 2017.

South Carolina Deluge: Lessons from a Watershed Disaster,” Produced by the Global Resilience Institute, Northeastern University, 2017.

“BOATLIFT: An Untold Story of 9/11 Resilience,” Executive Producer w/ Sean Burke, narrated by Tom Hanks, Directed by Eddie Rosenstein, Produced by EyePop Productions, 2011

“REBUILD - From The Ashes, The World Trade Center Rises Again,” Executive Producer w/ Sean Burke, narrated by Tom Hanks, Directed by Eddie Rosenstein, Produced by EyePop Productions, 2011

“GULF COAST RESILIENCE – An American Tale” Executive Producer w/ Sean Burke, Christopher Gebherdt, Jenna Briand, & Daya Wolterstorff; Directed by Mariana Blanco; Produced by TakePart, 2011

“VOICES of 9/11” Executive Producer w/ Sean Burke, Christopher Gebherdt, Jenna Briand, & Daya Wolterstorff; Directed by Derek Doneen & Adam Trunell; Produced by TakePart, 2011

“WOUNDED WARRIORS’ RESILIENCE,” Executive Producer w/ Sean Burke, Directed by Jay Lavender, NSPYR - Goodblood, 2011

SELECTED MAJOR MEDIA APPEARANCES:

- “Boston plans for climate change’s promise of more storms,” *PBS NewsHour*, Jan 10, 2018
- “Hurricane Irma’s Wrath,” *NPR - On Point with Tom Ashbrook*, Sep 11, 2017
- “Smaller, Smarter: The Power Grid Evolves to Fuel the Future,” *CBS News*, Dec 9, 2014
- “Security Expert Says Emergency Response Shouldn’t Sideline Public,” *NPR- Here & Now*, Apr 17, 2014
- “Understanding Typhoon Haiyan,” *CNN Fareed Zakaria GPS*, Nov 17, 2013

- “Fuel Supply System Fixes After Superstorm Sandy,” *NPR – Morning Edition*, Oct 29, 2013
- “Megastorm Aftermath,” *PBS – NOVA*, Oct 9, 2013
- “Manhunt – Boston Bombers,” *PBS – NOVA*, May 29, 2013
- “Collapsed bridge raises questions,” *CNN Anderson Cooper 360*, May 24, 2013
- Lessons from the Boston Attack,” *CNN Fareed Zakaria GPS*, Apr 21, 2013
- “Concerns over U.S. efforts to stop nuclear terror,” *CNN Wolf Blitzer Situation Room*, April 13, 2012
- “Preparng for Irene,” *CNN Anderson Cooper 360*, Aug 29, 2011
- Is New York Ready for Hurricane Irene?” *CNN American Morning*, Aug 26, 2011
- “Irene’s Impact on New York City,” *CNN Anderson Cooper 360*, Aug 26, 2011
- “Protecting U.S. Borders and Communities,” National Governors Association Meeting, *C-SPAN*, Jul 16, 2011
- “The State of the Nation’s Infrastructure,” *NPR - The Diane Rehm Show*,” March 22, 2011
- “Assessing the Terrorism Threat: Release of the National Security Preparedness Report,” *C-SPAN*, Sep 10, 2010
- “Before the Next Katrina,” *C-SPAN Washington Journal*, Aug 27, 2010
- “Assessing the Christmas Day Attempted Airline Bombing,” *CNN Fareed Zakaria GPS*, Jan 10, 2010
- “Assessing the Christmas Day Attempted Airline Bombing,” *CNN Newsroom*, Jan 6, 2010
- “New reality for Air Travelers,” *CNN American Morning*, Jan 4, 2010
- “America’s Infrastructure Crisis,” *CNN Anderson Cooper 360*, Jan 28, 2009
- “Lessons of US Airways 1549,” *MSNBC Rachel Maddow Show*, Jan 16, 2009
- “Road to Ruin: Why America is Falling Apart,” *CNN*, Aug 1 2008
- “Ailing Levees and the MidWest Floods,” *CNN Anderson Cooper 360*, Jun 20, 2008
- “Ailing Infrastructure, National Press Club, *CSPAN-2*, Aug 11, 2007
- “Road to Ruin,” *CNN Investigative Unit Report*, 1-hour documentary, Aug 4, 2007
- “Lessons from I-35W Bridge Collapse”, *CNN Anderson Cooper 360*, Aug 3, 2007
- “The Edge of Disaster”, *CNN Anderson Cooper 360*, 1-hour documentary, Jul 5, 2007
- “We Were Warned, Edge of Disaster,” *CNN Investigative Unit Report*, 1-hour documentary, Apr 28. 2007
- “Beyond Terrorism—Building a Resilient Nation,” *C-SPAN*, Mar 27, 2007
- “The Edge of Disaster,” *Tim Russert’s Book Talk, CNBC*, Feb 24, 2007
- “The Edge of Disaster,” *NPR Morning Edition*, 3 part series on, Feb 20-22, 2007
- “The Edge of Disaster,” *NPR The Diane Rehm Show*, Feb 21, 2007
- “Cargo Security,” *PBS The News Hour with Jim Lehrer*, Feb 26, 2006
- “On the Waterfront,” *CBS 60 Minutes w/ Steve Kroft*, Feb 22, 2006
- “Terrorism and the State of Homeland Security” *NBC Meet the Press w/ Tim Russert*, Jul 10, 2005
- “On the Waterfront” *CBS 60 Minutes*, w. Steve Kroft, Aug 3, 2003
- “Homeland Security,” *NBC Today Show w/ Katie Couric*, Feb 18, 2003
- “Homeland Security Act,” *NBC Today Show w/ Matt Lauer*, Nov 26, 2002
- “On the Waterfront” *CBS 60 Minutes* with Steve Kroft, Mar 24, 2002
- “Counter-terrorism Strategies,” *PBS The Charlie Rose Show*, Sep 21, 2001
- “US-Canada Border Controls,” *Fox News with Brit Hume*, Oct 2, 2001
- “Transportation Security Issues,” *ABC with Peter Jennings*, Sep 13, 2001

LECTURES PRESENTED AT:

International:

World Economic Forum, Davos, Switzerland
 Hong Kong Forum, Hong Kong
 Nanyang Technological University, Singapore
 Organization for the Prohibition of Chemical Weapons The Hague, Netherlands
 World Customs Organization, Brussels, Belgium
 Council on Foreign Relations, London
 Royal United Services Institute (RUSI), London
 Halifax International Security Forum, Halifax, NS
 T.D. Howe Institute, Toronto, Ontario

York University, Toronto, Ontario
University of Sherbrooke, Quebec
Canadian Port & Maritime Security Conference, Vancouver, BC

National:

John F. Kennedy School of Government, Harvard University
The Fletcher School of Law and Diplomacy, Tufts University
Center for International Security and Cooperation, Stanford University
Woodrow Wilson Center for International Affairs, Princeton University
Yale University
Massachusetts Institute of Technology
University of Chicago
Watson Institute for International Studies, Brown University
The Annenberg School for Communication, University of Pennsylvania
Columbia University
Northwestern University
University of Southern California
University of California, San Diego
University of California, Northridge
University of California—Los Angeles Brigham Young University
Pace University
Smith College
Connecticut College
University of Connecticut—Storrs
University of Connecticut—Avery Point
Rice University
University of Texas—Austin
University of Miami
Florida International University
Fairfield University
University of Tulsa
Roger Williams University School of Law
University of San Diego
North Carolina State
San Diego State University
National Academy of Sciences
Council on Foreign Relations
The Brookings Institution
RAND Corporation
Carnegie Endowment for International Peace
Center for Strategic and International Studies
Heritage Foundation
National Immigration Forum
Migration Policy Institute
United Nations Association of the United States of America
National Chamber of Commerce
U.S. General Accounting Office
U.S. National War College
U.S. Naval War College
National Defense University
U.S. Industrial College of the Armed Forces
U.S. Marine Command and Staff College
Air Command and Staff College
U.S. Naval Academy
U.S. Air Force Academy

U.S. Dept. of Transportation John A. Volpe National Transportation Systems Center
Pacific Council for International Policy
Canadian Institute of International Affairs
Public Policy Forum (Canada)
Chicago Committee on Foreign Relations
Dallas Committee on Foreign Relations
Birmingham Committee on Foreign Relations
Louisville Committee on Foreign Relations
St. Louis Committee on Foreign Relations
Southeast Connecticut Committee on Foreign Relations
Worcester Committee on Foreign Relations
Tulsa Committee on Foreign Relations
Rochester Committee on Foreign Relations
Miami Committee on Foreign Relations
Stamford, Connecticut Forum on World Affairs
Princeton Committee on Foreign Relations
Houston Committee on Foreign Relations
San Francisco World Affairs Council
William & Flora Hewlett Foundation

COLLEGE COURSES TAUGHT:

- Security and Resilience Policy (2014-2017)
- Critical Infrastructure Resilience (2014-2018)
- Homeland Security Policy & Politics (Spring 2013)
- Homeland Security and Resilience Policy (Fall 2012)
- International Relations (1995-99)
- National Security Policy (1990-91, 1994-98)
- Global Policy Studies (1995-99)
- Drugs Policy (1994-98)
- Directed Studies in Government (1990-91, 1994-99)
- American Government (1989-91)
- History of the U.S. (1988-90)

Ph.D. Dissertation Chair / Committees

Udit Bhatia, Nov 2018, “Recovery of Lifeline Infrastructures Perturbed by Hydroclimate Extremes.”

Joseph Mroszczyk, Oct 2018, “Dying for a Reason: An Empirical Assessment of the Tactical Utility of Suicide Operations.”

Andrew Macpherson, Apr 2018, “Electronic Surveillance as a Counterterrorism Tool: Is Technology a Viable Strategy?”

Kevin Clark, Apr 2018, “Migrating Infrastructure Risk: Reducing Uncertainty in Resilience Modeling.”

Russell Bowman, Mar 2016, “Towards a More Complete Theory of Disaster Resilience as it Relates to Homeland Security and Lifeline Critical Infrastructure,” Doctoral Dissertation, Northeastern University.

Julie Garey, Apr 2015, “Understanding the U.S.-NATO Relationship in the Post-Cold War Era,” Doctoral Dissertation, Northeastern University

Erick Iverson, Jan 2013, "Networked Resilience: A Theory of Inter-organizational Collaboration for Turbulent Environments," Doctoral Dissertation, The Fletcher School of Law and Diplomacy, Tufts University

Joseph E. Vorbach, Sep 2001, "Moving Beyond State-Centric Response to Transnational Threats," Doctoral Dissertation, The Fletcher School of Law and Diplomacy, Tufts University