

Dr. Daniel M. Gerstein

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Dr. Daniel M. Gerstein joined the RAND Corporation in December 2014. Previously, he served in the Department of Homeland Security from August 2011 to December 2014 as Under Secretary (Acting) and Deputy Under Secretary in the Science and Technology Directorate. He is also an Adjunct Professor at American University in Washington, D.C.

Dr. Gerstein has extensive experience in the security and defense sectors in a variety of positions while serving as a Senior Executive Service (SES) government civilian, in uniform, and in industry. In DHS, he was responsible for the development and execution of the directorate's over \$1 billion annual budget and championed the incorporation of operational analysis and technology roadmaps within the Department's research and development portfolio.

He began his professional career in the U.S. Army, serving on four continents while participating in combat, peacekeeping, humanitarian assistance, counterterrorism and homeland security. Dr. Gerstein also served for more than a decade in the Pentagon in various high-level staff assignments. Following retirement from active duty, Dr. Gerstein joined L-3 Communications as Vice President for Homeland Security Services, where he led an organization providing WMD preparedness and response, critical infrastructure security, emergency response capability and exercise support to U.S. and international customers. Before joining DHS, Dr. Gerstein served in the Office of the Secretary of Defense (Policy) as Principal Director for Countering Weapons of Mass Destruction (WMD).

Dr. Gerstein also has extensive experience in international negotiations having served on the Holbrooke Delegation that negotiated the peace settlement in Bosnia; developed and analyzed negotiating positions for the Conventional Armed Forces in Europe (CFE) talks; and developed an initiative to improve cross border communications between Andean Ridge nations. Additionally, Dr. Gerstein led an effort to develop a comprehensive biosurveillance system for the Department of Defense and led the Army's most comprehensive restructuring since World War II.

Dr. Gerstein is a frequent national security contributor. He has published numerous books, articles and commentaries on a wide variety of national and homeland security issues. He has also been interviewed on numerous television and radio programs including CNN, CNBC World, Hill Online, Voice of America, WUSA9 News and Federal News Radio. He has testified in front of Congress on several occasions.

He has been awarded numerous foreign, military and civilian awards, including the Department of State's Distinguished Service Award and the U.S. Army Soldiers Medal for heroism. He is also a member of the Council on Foreign Relations.

He graduated from the United States Military Academy and has masters degrees from Georgia Tech, the National Defense University and the U.S. Army Command & General Staff College, and a Ph.D. in Biodefense from George Mason University.

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SUMMARY OF QUALIFICATIONS

Extensive experience in the security and defense sectors in a variety of positions while serving as a Senior Executive Service (SES) government civilian, in industry, in academia and in uniform. Visionary leader with a record of building organizations and mentoring people. In-depth Interagency experience in policy, requirements and acquisitions. In uniform, served on four continents while participating in combat, peacekeeping, humanitarian assistance, counterterrorism and homeland security. Served for more than a decade in the Pentagon in various high-level positions. Significant business experience having led a Profit and Loss (P&L) center responsible for providing Homeland security solutions and business development for new and emerging markets. Served as a source selection authority on several major procurements. Managed the work of contractors, laboratory scientists and federally funded research and development centers (FFRDCs). Have a TS/SCI security clearance and a Q clearance from the Department of Energy. Disabled veteran resulting from actions in Bosnia (1995). Author and frequent contributor on national security topics (See publications and speaking engagements beginning on pg. 4).

SPECIFIC AREAS OF EXPERTISE

- Policy areas: foreign policy and arms control, international negotiations, nonproliferation & counter proliferation, counterterrorism, Interagency issues, Homeland Security
- Security & Defense: security and defense policy, strategic planning, capabilities and requirements development, science & technology (S&T) assessment/management, acquisition support
- Technical areas: biodefense, cybersecurity, countering Weapons of Mass Destruction (WMD), communications and information technology (IT), borders and maritime security

CURRENT POSITIONS

RAND Corporation (2014-Present)

Conducts research on a wide range of security and defense issues including homeland security, foreign affairs, technology policy, biological defense, cyber security, and critical infrastructure protection. Frequent commenter on national security issues with particular expertise in policy formulation, strategic analysis, weapons of mass destruction, international engagement, cooperative threat reduction, arms control, and command, control, communications and computers.

Adjunct Professor, American University (2009-Present)

Teaches in the prestigious School of International Service (SIS). Developed and teaches courses on national security, bioterrorism, technology policy and the evolution of military thought. Developed a concept for a University-wide center focused on Technology Policy.

Author and National Security Commentator (1998-Present)

Frequent national security contributor. Numerous books, articles and commentaries on a wide variety of national and homeland security issues. Interviews on television and radio including CNN, CNBC World, Hill Online, Voice of America, Federal News Radio and WUSA9 News. Numerous congressional testimonies.

PREVIOUS POSITIONS (SELECTED)

Under Secretary (Acting) and Deputy Under Secretary for Science & Technology, Department of Homeland Security (2011-2014)

Managed development and execution of the directorate's over \$1.1 billion annual budget. Supervised major investment areas including first responder technologies, borders and maritime, chemical and biological defense, cybersecurity, explosives and resilient systems. Directed the DHS S&T university program that included nine Centers of Excellence and touched over 200 U.S. and international colleges and universities. Managed five internal DHS R&D laboratories. Regularly interfaced with Congress, The White House and National Security Council (NSC) staff.

Principal Director, Countering Weapons of Mass Destruction, Office of the Secretary of Defense (Policy) (2009-2011)

Served as a senior advisor to the Secretary of Defense on combating WMD, cooperative threat reduction, and counter proliferation policy. Managed the OSD(Policy) positions on a number of arms control treaties and conventions including Law of the Sea, Chemical Weapons Convention (CWC), Biological Weapons Convention and the Missile Technology Control Regime (MTCR).

Vice President, Homeland Security Services, L-3 Communications (2006-2009)

Ran a P&L business unit responsible for providing Homeland security services including maritime and port security solutions, WMD preparedness and response, critical infrastructure security, emergency response capability and exercise support to U.S. and international customers.

Military Fellow, Council on Foreign Relations, New York, NY (2004-2005)

Selected as the Army Senior Military Fellow at the Council on Foreign Relations (CFR). Represented the military to CFR members and international audiences. Served on the "Building a Northern American Community" study task force.

Commander, 93rd Signal Brigade, Fort Gordon, Georgia (2001-2003)

Commanded a 1,600 person communications, information technology and cybersecurity organization with an annual budget of over \$30 million which had primary responsibility for support to U.S. forces in Southern Command (SOUTHCOM) and Northern Command (NORTHCOM). Established first ever cybersecurity center for SOUTHCOM.

Director, Army Transformation Office, Army Staff, Washington, DC (2000-2001)

Served as the Chief of Staff of the Army's lead change agent for the Army's transformation, the most significant change in the Army since WWII. Explained the "transformation" to senior defense leaders, Congress, and industry. Evaluated technologies for incorporation into the force.

Commander, 141st Signal Battalion, Bosnia-Herzegovina and Germany (1996-1998)

Commanded a 650 person communications, information technology and cybersecurity organization with an annual budget of over \$15 million which had primary responsibility for support to U.S. forces in Bosnia-Herzegovina and Germany.

Special Assistant & Speechwriter for Director, Strategy, Plans and Policy J-5, the Joint Staff (1994-1996)

Served as the speechwriter and traveling Executive Officer for General Wesley K. Clark. Served on the Holbrooke Delegation that negotiated the peace settlement in Bosnia-Herzegovina; awarded State Department's Distinguished Service Award.

OTHER SIGNIFICANT POSITIONS

- Senior Counselor to the Deputy Secretary, Department of Homeland Security (2014)
- Executive Officer to the Under Secretary of the Army, Army Staff (2005-2006)
- Director, Executive Office of the Headquarters Staff Group, Army Staff (2003-2004)
- Team Chief, Program Analysis and Evaluation (PAE), Army Staff, Washington, DC (1999-2000)
- Battalion Executive Officer, 1st Cavalry Division, Fort Hood, TX (1993-1994)
- Assistant Division Signal Officer, 1st Cavalry Division, Fort Hood, TX (1992- 1993)
- Assistant Division Signal Officer, 3rd Armored Division, Southwest Asia (Combat) (1991)
- Aide-De-Camp, Vice Chief of Staff of the Army, Army Staff (1990-1991)
- Conventional Arms Control Staff Officer, Army G-3, Army Staff (1988-1990)
- Operations Research Analyst, Army Concepts Analysis Agency (1986-1988)
- Command & Staff, 17th Signal Battalion (1983-1984)

SIGNIFICANT ACHIEVEMENTS

- Numerous civilian, military and international awards including the Soldier's Medal for heroism
- Distinguished Alumnus Award, School of Policy, Government, and International Affairs, George Mason University (2015)
- Department of State Distinguished Service Award (1995)
- Served on the Holbrooke Delegation that negotiated the peace settlement in Bosnia (1995)
- RAND Corporation President's Bronze Award for Impact for work evaluating Australia's new Department of Immigration and Border Protection (DIBP) (2017)
- Leadership team for the Project for National Security Reform (PNSR) (2007-2008)
- Co-led the Secretary of the Army's Transition Team (2004-2005)
- Selected as the Outstanding Operations Research Analyst at the US Army Concepts Analysis Agency from a pool of 250 analysts (1987)

EDUCATION

- George Mason University, Fairfax, VA (PhD - Biodefense)
- National Defense University, Fort McNair, DC (MS - National Security & Strategic Studies)
- Command & General Staff College, Leavenworth, KS (MMAS - National Security Strategy)
- Georgia Institute of Technology, Atlanta, GA (MSOR – MS in Operations Research)
- Air Force Institute of Technology, Dayton, OH (Partial MS in Digital Electronics/Computer Science)
- United States Military Academy, West Point, NY (BS - Engineering)

AFFILIATIONS & MEMBERSHIPS

- Adjunct Professor, American University
- Council on Foreign Relations (CFR)
- Disabled American Veterans (DAV)
- Association of the United States Army (AUSA)
- U.S. Army Signal Corps Regimental Association
- Massachusetts Institute of Technology (MIT) Seminar XXI Fellow (1995-1996)

BOARDS

- Member of Study Advisory Group (SAG) for the Global Security Directorate at Oak Ridge National Laboratory (ORNL) (2014-Present)
- Homeland Security Dialogue Forum (HSDF) (2015-Present)
- Center for the Advancement of Science in Space (CASIS) R&D portfolio review (2016-Present)
- Emergency & Disaster Management Program, Georgetown University (2013-2016)

PUBLICATIONS (SELECTED)

Books

National Security and Arms Control in the Age of Biotechnology: The Biological Weapons Convention, Connecticut: Rowman and Littlefield, May 2013.

Bioterror in the 21st Century, Annapolis, Maryland, Naval Institute Press, October 2009.

ICMA Report: Planning for a Pandemic, ICMA Press, Volume 39/Number 3 2007.

Assignment: Pentagon: How to Excel in a Bureaucracy, Perry M. Smith and Daniel M. Gerstein Washington, D.C.: Potomac Books, 2007.

Leading at the Speed of Light: New Strategies for U.S. security in the Information Age, Daniel M. Gerstein Washington, D.C: Potomac Books, 2006.

Securing America's Future: National Strategy in the Information Age, Daniel M Gerstein Westport, CT: Praeger Security International, 2005.

Congressional Testimony

Gerstein, Daniel M. Making DHS More Efficient: Industry Recommendations to Improve Homeland Security. Santa Monica, CA: RAND Corporation, September 2015.
<http://www.rand.org/pubs/testimonies/CT438>.

Gerstein, Daniel M. Strategies for Defending U.S. Government Networks in Cyberspace. Santa Monica, CA: RAND Corporation, June 2015. <http://www.rand.org/pubs/testimonies/CT436>.

Assessing DHS's Performance: Watchdog Recommendations to Improve Homeland Security. Daniel M. Gerstein, February 2015 (<http://www.rand.org/pubs/testimonies/CT424.html>)

Use of Behavior Detection Officers at Airports. Testimony to the Transportation Subcommittee of House Homeland, November 14, 2013.

Biological Security: The Risk of Dual Use Research. Testimony before for a Senate Committee on Homeland Security and Governmental Affairs hearing titled April 25, 2012.

The DHS and DOE National Labs: Finding Efficiencies and Optimizing Outputs in Homeland Security Research and Development. Testimony before House Committee on Homeland Security, Subcommittee on Cybersecurity, Infrastructure Protection, and Security Technologies hearing titled April 19, 2012.

Radio and Television

DHS Reauthorization Issues. The Steve Gruber Show, WJIM 1240, October 25, 2017.

Global Nonproliferation Issues (Panelist). All Sides with Ann Fisher, WOSU Radio, July 13, 2017.

"A Countering Bioterrorism Facility Worth a Second Look," The Steve Gruber Show, WJIM 1240, June 19, 2017.

Dealing with Emerging Infectious Disease. The Steve Gruber Show, WJIM 1240, June 8, 2017.

The WannaCry Virus, WUSA9 News, 15 May 2017.

Aviation Security Enhancements. Various television and radio interviews including CNBC World, i24news, News Talk Ireland National Radio, CBC News, Voice of America. March 21, 2017.

The Litvinenko Case," Interview with Dr. Daniel M. Gerstein, Radio HSFR 101: Here and There with Dave Marash, March, 3, 2016 (<http://davemarash.com/2016/03/03/march-3-2016-daniel-gerstein/>)

"The Paris Massacre: The Explosives Threat." Daniel M. Gerstein, CNN, November 17, 2015.

"The Paris Massacre: The Threat We Face in the Homeland." Daniel M. Gerstein, CNN, November 17, 2015.

"The Paris Massacre: Homeland Security Implications," Daniel M. Gerstein, CNN, November 14, 2015.

"Science & Technology Initiatives at DHS," Government Contracting Weekly (Television), February 9, 2014.

"Innovation at DHS S&T," Science News Radio Network, April 20, 2013.

"Doing Business with DHS S&T," Federal News Radio, November 28, 2011.

Articles and Commentaries

"Time to Improve the Department of Homeland Security." Daniel M. Gerstein. The National Interest, October 19, 2017. (at <http://nationalinterest.org/feature/time-improve-the-department-homeland-security-22814>)

"Rethinking Disaster Evacuation," Daniel M. Gerstein and Andrew Lauand, *Domestic Preparedness Journal*, Monday September 11, 2017. (<http://www.domesticpreparedness.com/commentary/rethinking-disaster-evacuation/>)

"How Did North Korea Get This Far?" Daniel M. Gerstein, *U.S. News & World Report*. Aug. 10, 2017 at 4:15 pm (<https://www.usnews.com/opinion/world-report/articles/2017-08-10/how-did-north-korea-get-its-nuclear-capabilities-so-far-so-fast>)

“Is America Losing Civilian Control of the Military?” Daniel M. Gerstein, *The National Interest*, July 27, 2017. (<http://nationalinterest.org/feature/america-losing-civilian-control-the-military-21692>)

“DIY Bio: Separating Fact from Fiction.” Daniel M. Gerstein. *Homeland Security Today* (HST). 06/28/2017 (10:45pm). (<http://bit.ly/2sqf5Sr>)

“Cuts to US bioterror funds risk peril in event of attack,” Daniel M. Gerstein. *Domestic Preparedness Journal*, Volume 13, Issue 6, June 2017 (Reprint). (<http://www.domesticpreparedness.com/journals/june-2017/>)

“Cuts to US bioterror funds risk peril in event of attack,” Daniel M. Gerstein. *The Hill*, 06/06/17 3:30 PM EDT June 6, 2017. (<https://www.rand.org/blog/2017/06/a-counteracting-bioterrorism-facility-worth-a-second-look.html>)

“The WannaCry Virus, a Lesson in Global Unpreparedness,” Daniel M. Gerstein. *The National Interest*, May 15, 2017. (<http://nationalinterest.org/feature/the-wannacry-virus-lesson-global-unpreparedness-20719>)

“Regional action needed to prevent Syrian chemical attacks,” Daniel M. Gerstein, *The Arab Weekly*, May 7, 2017. (<http://www.thearabweekly.com/Opinion/8399/Regional-action-needed-to-prevent-Syrian-chemical-attacks>)

“Chemical Reaction: China Needs to Help with North Korea's Chemical Weapons,” Daniel M. Gerstein, *U.S. News and World Report*, April 20, 2017. (<https://www.usnews.com/opinion/world-report/articles/2017-04-20/china-needs-to-help-deal-with-north-koreas-chemical-weapons>)

“Why the Syria Chemical Attack Is a Big Problem for Putin.” Daniel M. Gerstein. *Fortune*, April 6, 2017. (<http://fortune.com/2017/04/06/syria-chemical-gas-attack-russia/>)

“Two Very Different Views of Terrorism and What to do About Them.” Daniel M. Gerstein, *The National Interest*, April 6, 2017. (<http://nationalinterest.org/blog/the-buzz/two-very-different-views-terrorism-what-do-about-them-20054>)

“Article: Former Top DHS Official Says A New Roles and Missions Commission on DHS is Urgently Needed Now.” Daniel M. Gerstein, *Homeland Security Today*, March 23, 2017. (<http://bit.ly/2ng8qpU>)

“A More Public National Security Strategy Discussion.” Daniel M. Gerstein, *RealClearDefense*, March 6, 2017. (<http://bit.ly/2n7GOUS>)

“Science, Technology, and the U.S. National Security Strategy: Preparing Military Leadership for the Future.” Raymond DuBois, Daniel M. Gerstein, James Keagle. *Center for Strategic and International Affairs*. February 24, 2017. (<http://bit.ly/2INpp2H>)

“Glaring gaps: America needs a biodefense upgrade,” Daniel M. Gerstein, *The Bulletin of the Atomic Scientists*, 16 February 2017. (<http://dx.doi.org/10.1080/00963402.2017.1288438>)

“SOCOM Will Soon Lead the Pentagon’s Anti-WMD Efforts. Here’s What It Still Needs.” Daniel M. Gerstein. *Defense One*. February 10, 2017, at 10:51 a.m. (buff.ly/2kAmGbO)

“Kelly as DHS chief should focus on improving employee morale.” Daniel M. Gerstein. *The Hill*. January 13, 2017. (<http://thehill.com/blogs/pundits-blog/the-administration/314060-kelly-as-dhs-chief-should-focus-on-improving-employee>)

“Presidential Policy Directive 1: Forming the National Security Council.” Daniel M. Gerstein and Sarah M. Gerstein, *The Hill*, November 2, 2016. (<http://thehill.com/blogs/pundits-blog/the-administration/308440-presidential-policy-directive-1-forming-the-national>)

“Make Manufacturing Great Again?” Daniel M. Gerstein. *U.S. News and World Report*, November 21, 2016. (<http://www.usnews.com/opinion/economic-intelligence/articles/2016-11-21/donald-trump-will-struggle-to-make-manufacturing-great-again>)

“5 Ways the US Can Enhance International Nuclear Nonproliferation,” Daniel M. Gerstein. *U.S. News and World Report*, October 5, 2016. (<http://www.usnews.com/topics/author/daniel-m-gerstein>)

“Putting the Security into Cybersecurity,” Daniel M. Gerstein, *The National Interest*, September 30, 2016. (<http://nationalinterest.org/blog/the-buzz/putting-the-security-cybersecurity-17887>)

“Can the bioweapons convention survive Crispr?” Daniel M. Gerstein, *Bulletin of the Atomic Scientists*, 25 July 2016 (<http://thebulletin.org/can-bioweapons-convention-survive-crispr9679>)

“Emerging Infectious Diseases and the Need for New Strategies,” Daniel M. Gerstein, *CNN*, June 3, 2016. (<http://www.cnn.com/2016/06/03/opinions/infectious-disease-preparedness-gerstein/index.html>)

“How genetic editing became a national security threat,” Daniel M. Gerstein, *Bulletin of the Atomic Scientists*, April 25, 2016. (<http://thebulletin.org/how-genetic-editing-became-national-security-threat9362>)

“Understanding and addressing the unaccompanied minor immigration issue.” Ernesto F. L. Amaral and Daniel M. Gerstein. *The Hill*, April 21, 2016. (<http://thehill.com/blogs/congress-blog/homeland-security/277064-understanding-and-addressing-the-unaccompanied-minor>)

“Walls Won’t Keep Us Safe: Border security is about much more than physical barriers.” Daniel M. Gerstein. *U.S. News and World Report*, April 15, 2016. (<http://bit.ly/1T8TQIH>)

“The False Choice at the Core of the Apple-FBI Standoff,” Daniel M. Gerstein, *The National Interest*, March 21, 2016. (<http://nationalinterest.org/feature/the-false-choice-the-core-the-apple-fbi-standoff-15548>)

“Russia on the Horns of a Nuclear Dilemma,” Daniel M. Gerstein, *Foreign Policy Concepts*, February 19, 2016. (<http://foreignpolicyconcepts.com/russia-on-the-horns-of-a-nuclear-dilemma/>)

“Troubling truth beneath Litvinenko headlines,” Daniel Gerstein, *CNN*, Updated 8:11 PM ET, Thu January 21, 2016 (<http://www.cnn.com/2016/01/21/opinions/alexander-litvinenko-case-gerstein/>)

“The Dark Side of Biotech, a Global Threat,” Daniel M. Gerstein, *The Cipher Brief*, January 18, 2016. (<https://www.thecipherbrief.com/article/countering-bioterror>)

“Solving the Geometrical Problem of Terrorism: The U.S. needs specific strategies to combat the four different components of terrorist organizations.” Daniel M. Gerstein, *U.S. News and Report*, January 12, 2016. (<http://www.usnews.com/opinion/blogs/world-report/articles/2016-01-12/the-us-cannot-rely-on-one-solution-to-fight-4-components-of-terrorism>)

“The U.S. needs to show leadership and initiative at the Biological Review Convention Eighth Review Conference.” Daniel M. Gerstein, *U.S. News and Report*, Dec. 23, 2015. (<http://www.usnews.com/opinion/blogs/world-report/articles/2015-12-23/the-us-needs-to-exercise-leadership-at-the-biological-weapons-convention>).

“Anonymous vs. ISIS: Wishing the vigilante hackers luck against the murderous jihadists,” Michael A. Brown and Daniel M. Gerstein, *New York Daily News*, Monday, December 14, 2015. (<http://www.nydailynews.com/opinion/brown-gerstein-anonymous-isis-article-1.2465688>)

“Time to Prepare for the Unthinkable: Sooner or later the Islamic State group is likely to strike in the U.S.: Here's how to prepare.” Daniel M. Gerstein, *U.S. News and World Report*, November 16, 2015. (<http://www.usnews.com/opinion/blogs/world-report/2015/11/16/get-ready-sooner-or-later-the-islamic-state-group-is-coming-to-the-us>)

“[The Two Sides of Cybersecurity](http://sitrep.globalsecurity.org/articles/151113951-the-two-sides-of-cybersecurity.htm),” Daniel M. Gerstein, *Global Security*, November 13, 2015 (<http://sitrep.globalsecurity.org/articles/151113951-the-two-sides-of-cybersecurity.htm>)

“Define Acceptable Cyberspace Behavior,” Daniel M. Gerstein, *U.S. News and World Report*, September 26, 2015. <http://www.usnews.com/opinion/blogs/world-report/2015/09/26/us-china-cybersecurity-pact-highlights-bigger-issues>

“20 years later, the lessons of Bosnia-Herzegovina,” Daniel M. Gerstein, *Fox News: Opinion*, August 19, 2015. <http://www.foxnews.com/opinion/2015/08/19/20-years-later-lessons-bosnia-herzegovina0.html>

“Nothing Left to Chance: There are key takeaways from U.S. dealings with Ebola, Syria's chemical weapons and the Fukushima disaster,” Daniel M. Gerstein, *U.S. News and World Report*, July 8, 2015. (<http://www.usnews.com/opinion/blogs/world-report/2015/07/08/ebola-and-syrias-chemical-weapons-show-us-can-leave-nothing-to-chance>)

“The forgotten cornerstone in the immigration reform debate,” Daniel M. Gerstein and Martina L. Melliand, *The Hill*, April 29, 2015. (<http://thehill.com/blogs/congress-blog/civil-rights/240350-the-forgotten-cornerstone-in-the-immigration-reform-debate>)

“The Clash of Internet Civilizations: Why Neither Side Should Prevail (Opinion),” Daniel M. Gerstein, *Government Technology*, April 9, 2015. (<http://www.govtech.com/opinion/The-Clash-of-Internet-Civilizations.html>)

“To Know the Future of Biological Weapons, Look to the Past: The lessons of previous U.S. research into biological weapons seem to have been forgotten,” Daniel M. Gerstein, *U.S. News and World Report*, April 9, 2015. (<http://www.usnews.com/opinion/blogs/world-report/2015/04/09/to-assess-future-of-biological-weapons-look-to-the-past>)

"Managing Technology in an Unmanageable World," Daniel M. Gerstein, *The Hill*, February 18, 2015 (<http://thehill.com/blogs/congress-blog/technology/233126-managing-technology-in-an-unmanageable-world>)

“Go Back to Basics to Reform Homeland Security,” Daniel M. Gerstein, *Politico*, January 27, 2015. (<http://www.politico.com/magazine/story/2015/01/homeland-security-reform-114657>)

“4 Lessons on How to Handle the Next Ebola Virus Outbreak,” Daniel M. Gerstein, *U.S. News and World Report*, December 29, 2014. (<http://www.usnews.com/opinion/blogs/world-report/2014/12/29/4-lessons-on-how-to-handle-the-next-ebola-virus-outbreak>)

“The Day Before,” *Proceedings: Naval Institute Press*, Walter Slocombe and Daniel Gerstein, October 2010.

“Bioterror in the Age of Biotechnology,” *Joint Forces Quarterly*, No. 57, April 2010.

“The Washington Foreign Policy Debate,” Daniel M. Gerstein, *Praeger Security International* website, Feb. 07, 2007.

“A Letter from the Field...,” Daniel M. Gerstein, National War College, Washington, DC, 1999.

“Report from the field: recovering from peace operation,” *Army Communicator Magazine*, LTC Daniel Gerstein; Vol. 23:2, Summer 1998.

“Report from the field: The Signal mission in Bosnia-Herzegovina,” *Army Communicator Magazine*, LTC Daniel Gerstein; Vol. 23:3, Fall, 1998.

"The Minimum Force Density Requirements for a Defense of Europe," in book by Hallenbeck & Shaver, The Role of Conventional Arms Control in National Security Strategy, 1989.

Speeches (Selected)

“The Biological Weapons Convention,” Blue Ribbon Panel on Biodefense (Lieberman/Ridge Panel), January 14, 2015.

"Arms Control Verification," Army War College, May 16, 2014.

"Science and Technology in Preparedness, Response, and Recovery," GovSec Presentation, May 14, 2014.

10th Anniversary of University of Southern California (USC) CREATE Center of Excellence keynote, April 29, 2014.

National Hurricane Conference 2014, April 16, 2014.

"S&T 101," Homeland Security Science and Technology Advisory Committee (HSSTAC), April 7-8, 2014.

"DHS Big Data Challenges," Big Data Symposium, Applications and Analytics for Defense, Intelligence and Homeland Security, March 19, 2014.

Homeland Security Dialogue Forum (HSDF), Dr. Daniel Gerstein, Under Secretary (Acting) for Science & Technology, February 19, 2014.

Innovation Showcase for the First Responder" Keynote, February 11, 2014.

"Science and Technology for the First Responder," International Preparedness and Response to Emergencies and Disasters (Israel), January 13, 2014.

"Science and Technology for Operational Impact," IEEE Homeland Security Conference in Waltham, Mass, November 12, 2013.

Northeastern University Awareness and Localization of Explosives-Related Threats (ALERT) Center of Excellence keynote, October 22, 2013.

Institute for Defense and Government Advancement (IDGA) Conference keynote, October 15, 2013.

Association of the United States Army (AUSA), Aberdeen Luncheon keynote, July 16, 2013.

"Security Our Agriculture Industry Against Foreign Disease," FAZD Center Annual Meeting Keynote, June 27, 2013.

AFCEA DC Emerging Technologies Symposium Keynote, June 20, 2013.

Big Data for Government Summit Keynote, May 23, 2013.

"National Security and Arms Control in the Age of Biotechnology," George Mason University's May 2013 Biodefense Policy Seminar, May 23, 2013.

"S&T Priorities," Government Technology & Services Coalition, May 10, 2013.

"Energy Resilience," 2013 Advanced Energy Conference Keynote, April 29, 2013.

Leveraging Our Capabilities "Examining Technology and Equipment Transfer between DoD and DHS," CSIS Panel, April 17, 2013.

TechAmerica Homeland Security Committee, April 4, 2013.

IDGA Homeland Security 2013 Expo Keynote, March 14, 2013.

"Big Data for Defense and Government Summit" Keynote, IDGA, February 27, 2013.

"Managing the Legal & Regulatory Research Landscape" Keynote, March 1, 2013.

Business Executives for National Security, November 27, 2012.

"Border and Maritime Security," Presentation to USC CREATE Maritime Risk. Symposium, November 14, 2012.

"DHS and the BWC Implementation," Presentation to the International Conference on Health and Security, September 5, 2012.

"S&T and Innovation" presentation to 6th Annual Network Science United States Military Academy Workshop, April 23, 2012.

"Putting Science to Work for Government Missions," The Federal Senior Management Conference: Inspiring Innovation in Leadership -- Delivering an Efficient, Effective, and Accountable Government, April 16, 2012.

"S&T Priorities," Integration, Communication Across Sectors a Must, Say Speakers at 2012 NCSE Environment and Security Conference, February 23, 2012.

"S&T Priorities," National Council for Science & the Environment, January 18, 2012.

"DHS and the Biological Weapons Convention," 7th Biological Weapons Review Conference (BWC RevCon) in Geneva, December 7, 2011.

"DoD Biosurveillance Roles, Missions and Functions," Global Biosurveillance: Enabling Science and Technology, 2nd Biothreat Nonproliferation Conference Keynote, January 19, 2011.

"Impact of economic recession on modern technology," International Forum for Maritime Transport Conference (Egypt), March 29, 2009.

Book Presentation at the AUSA Annual Conference on Leading at the Speed of Light, October 9, 2006.

Army Transformation briefings to selected military, governmental, industry and Congressional leaders (50+ presentations), 2000-2001.

Features

"GovSec Recognizes Contributions of Government Security Leaders with Gov30 Awards," Government Security Conference and Expo, May 7, 2014.

"ARL-HRED STTC Hosts Under Secretary for S&T DHS," Michelle Milliner, ARL-HRED STTC.

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