Jaganath Sankaran

Lyndon B. Johnson School of Public Affairs

PRESENT APPOINTMENTS	
University of Texas at Austin	
Lyndon B. Johnson School of Public Affairs	A
Assistant Professor	August 2018
Distinguished Scholar, Robert Strauss Center for International Security and Law	November 2018
Faculty Affiliate, South Asia Institute, University of Texas at Austin	August 2020
Faculty Affiliate, Asia Policy Program, University of Texas at Austin	August 2021
School of Advanced Air and Space Studies (SAASS)	

Air University, Maxwell Air Force Base Colin S. Gray Visiting Professor in Strategy and Security Studies

Brookings Institution

Non-resident Fellow

Congressional Budget Office, National Security Division Visiting Fellow

PREVIOUS APPOINTMENTS/EMPLOYMENT

University of Maryland, School of Public Policy Assistant Research Scholar

Tsinghua University Visiting Researcher

National Institute for Defense Studies Visiting Research Fellow

Los Alamos National Laboratories

Post-Doctoral Research Associate

Belfer Center for Science and International Affairs, Harvard University Post-Doctoral Fellow

RAND Corporation Stanton Nuclear Security Post-Doctoral Fellow

Defense Research and Development Organization, Govt. of India Scientist

EDUCATION

University of Maryland, School of Public Policy Ph. D. in Policy Studies (University of Maryland Flagship Fellowship) Dissertation: Debating Space Security: Capabilities and Vulnerabilities [Yamamoto-Scheffelin Endowment Award for Dissertation Research]

ustin, TX

8 - Present 8 - Present 0 - Present - Present

Montgomery, AL August 2023 - July 2024

> Washington, D.C. June 2022 - Present

Washington, D. C. July 2024 - Present

College Park, MD February 2015- August 2018

Beijing, China 15 July 2016 - 15 August 2016

Tokyo, Japan 26 October –25 December 2015

Los Alamos, NM September 2014 – September 2015

> Boston, MA August 2013 – August 2014

> > Washington D.C. August 2012 – July 2013

Hyderabad, India June 2003 – April 2006

> College Park, MD August 2012

May 2008

University of Maryland, School of Public Policy Master of Engineering and Public Policy [Phi Alpha Alpha]

Dr. B.R. Ambedkar National Institute of Technology Bachelor of Technology (Mechanical Engineering)

Punjab, India April 2003

College Park, MD

PUBLICATIONS BOOKS

[Merit Excellence Award]

Jaganath Sankaran, "Bombing to Provoke: Rockets, Missiles, and Drones as Instruments of Fear and Coercion," October 2024, **Oxford University Press.**

PEER-REVIEWED JOURNAL ARTICLES

Jaganath Sankaran, "Emerging Technologies and Challenges to Nuclear Stability," *Journal of Strategic Studies*, December 2024, <u>https://www.tandfonline.com/doi/full/10.1080/01402390.2024.2433766?src=</u>

Jaganath Sankaran, "The Failures of Russian Aerospace Forces in the Russia-Ukraine War and the Future of Air Power" *Journal of Strategic Studies*, May 2024, <u>https://doi.org/10.1080/01402390.2024.2345899</u>

Jaganath Sankaran, "State or Soldier: Explaining Chinese Decisionmaking in the India-China Border Crises," Journal of Strategic Studies, 2023, https://doi.org/10.1080/01402390.2023.2212133.

Jaganath Sankaran, "Russia's Anti-Satellite Weapons: A Hedging and Offsetting Strategy to Deter Western Aerospace Forces," *Contemporary Security Policy*, Vol. 43, No. 3, 2022, pp. 436-463, <u>https://doi.org/10.1080/13523260.2022.2090070</u>

Jaganath Sankaran and Steve Fetter, "Defending America: A Sensible Approach to National Missile Defense against North Korea," *International Security*, Vol, 46, No. 3, 2022, pp. 51-88. <u>https://direct.mit.edu/isec/article/46/3/51/109672/Defending-the-United-States-Revisiting-National</u>

Jaganath Sankaran, "Missile Wars in the Asia-Pacific: The Threat of Chinese Regional Missiles and U.S.-Allied Missile Defense Response," *Asian Security*, Vol. 17, No. 1, 2021, pp. 25-45, <u>https://doi.org/10.1080/14799855.2020.1769069</u>

Jaganath Sankaran, "Missile Defenses and Strategic Stability in Asia: Evidence from Simulations," *Journal of East Asian Studies*, Vol. 20, No. 3, November 2020, pp. 485-508, <u>https://doi.org/10.1017/jea.2020.10</u>

Jaganath Sankaran and Bryan Fearey, "Missile Defense and Strategic Stability: Terminal High Altitude Area Defense (THAAD) in South Korea," *Contemporary Security Policy,* Vol. 38, No. 3, 2017, pp. 321-344, <u>https://doi.org/10.1080/13523260.2017.1280744</u>

Jaganath Sankaran, "Pakistan's Battlefield Nuclear Policy: A Risky Solution to an Exaggerated Threat," *International Security*, Vol. 39, No. 3, Winter 2014/15, pp. 118-151, https://www.jstor.org/stable/24480763

Jaganath Sankaran, "The Limits of Chinese Anti-Satellite Threat to the U.S." *Strategic Studies Quarterly*, Vol. 8, No. 4, Winter 2014, pp. 20-47, <u>https://www.airuniversity.af.edu/Portals/10/SSQ/documents/Volume-08_Issue-4/Sankaran.pdf</u>

PEER-REVIEWED CHAPTERS

Jaganath Sankaran (co-authored with Rajesh Basrur), "India's Slow and Unstoppable Move to MIRV," in Michael Krepon et al (eds.), "The Lure & Pitfalls of MIRVs: From the First to the Second Nuclear Age," *Stimson Center*, May 2016.

Jaganath Sankaran, "Exploring the Role of Information Superiority on Battle Outcomes," in Rajesh Basrur and Bharath Gopalaswamy (eds.), "India's Military Modernization: Strategic Technologies and Weapon Systems," *Oxford University UP*, March 2015.

Jaganath Sankaran, "The Tactical Utility and Strategic Effects of the Emerging Asian Phased Adaptive Approach Missile Defense System," in Catherine McArdle Kelleher (ed.), *Missile Defense, Extended Deterrence, and Nonproliferation in the 21st Century*, **Naval Postgraduate School's Project on Advanced Systems and Concepts for Countering Weapons of Mass Destruction (PASSC)**, January 2017.

MONOGRAPHS AND REPORTS

Nancy Gallagher and Jaganath Sankaran, "Minimizing the Negative Effects of Advances in Military-Relevant Space Capabilities on Strategic Stability" **American Academy of Arts & Sciences, September 2023,** <u>https://www.amacad.org/publication/military-capabilities-space-diplomacy-strategic-stability</u>

American Physical Society, Panel on Public Affairs, Ballistic Missile Defense: Threats and Challenges (Washington D.C.: American Physical Society), January 2022.

National Academy of Sciences, Regional Ballistic Missile Defense in the Context of Strategic Stability, (Washington, DC: The National Academies Press, 2021), <u>https://doi.org/10.17226/24964</u>.

Jaganath Sankaran, "The United States' European Phased Adaptive Approach Missile Defense System. Defending Against Iranian Missile Threats Without Diluting Russian Deterrent," National Security Research Division, Report # RR957, **RAND Corporation**, Santa Monica, California, 2015. (74 pages). <u>https://www.rand.org/pubs/research_reports/RR957.html</u>

UNDER REVIEW & WORKING DRAFTS

Jaganath Sankaran, "The Delusions of Benign Intent and Dangerous Pursuit of Missile Defense Technologies," Revise & Resubmit, *Nonproliferation Review*.

Jaganath Sankaran, "South Korea & SDI: Navigating the Dilemmas of Alliance Politics," DRAFT chapter in Cornell UP edited volume on the History of the Strategic Defense Initiative.

Jaganath Sankaran, "How Much is Enough? The Nuclear Revolution Theory in a New Era of Countervalue" DRAFT.

OTHER PUBLICATIONS

Jaganath Sankaran, "The Delusions and Dangers of Missile Defense," Arms Control Today, September 2023.

Jaganath Sankaran, "Russia's Anti-Satellite Weapons: An Asymmetric Response to U.S. Aerospace Superiority," *Arms Control Today,* March 2022.

Jaganath Sankaran and Steve Fetter, "Reexamining Homeland Missile Defense against North Korea," Washington Quarterly, Fall 2020.

Jaganath Sankaran and Steve Fetter, "A Path to Reducing Iran's Missile Threat and Reconfiguring U.S. Missile Defense" *Arms Control Today*, July/August 2018.

Jaganath Sankaran, "The Enduring Power of Bad Ideas: 'Cold Start' and Battlefield Nuclear Weapons in South Asia," *Arms Control Today*, November 2014.

Jaganath Sankaran, "Destroying Pakistan to Deter India? The Problem with Pakistan's Battlefield Nukes," *Bulletin of Atomic Scientists*, July/August 2014.

Jaganath Sankaran, "Missile Defense Against Iran Without Threatening Russia," *Arms Control Today*, November 2013.

Jaganath Sankaran, "Policy Brief: The Tactical Reach and Requirement of the Indian Navy," **S. Rajarathnam School of International Studies**, Nanyang Technological University, October 2013.

Jaganath Sankaran, "How Ukraine Fought Against Russia's Air War," *Lawfare,* January 22, 2023, https://www.lawfareblog.com/how-ukraine-fought-against-russias-air-war

Jaganath Sankaran, "Countering China and North Korea's mad dash for missiles," *East Asia Forum*, August 7, 2021, <u>https://www.eastasiaforum.org/2021/08/07/countering-china-and-north-koreas-mad-dash-for-missiles/</u>

Jaganath Sankaran, "Big, fat, juicy targets'—the problem with existing early-warning satellites. And a solution," *Bulletin of Atomic Scientists*, September 30, 2019, <u>https://thebulletin.org/2019/09/big-fat-juicy-targets-the-problem-with-existing-early-warning-satellites/</u>

Jaganath Sankaran, "A Different Use for Artificial Intelligence in Nuclear Weapons Command and Control," *War on the Rocks*, April 25, 2019, <u>https://warontherocks.com/2019/04/a-different-use-for-artificial-intelligence-in-nuclear-weapons-command-and-control/</u>

Jaganath Sankaran and Steve Fetter, "The Iran nuclear deal could still be saved, experts say," *The Conversation*, May 17, 2018.

Jaganath Sankaran, "Scope and Scale of Missile Defense Plans in the 2018 National Defense Authorization Act (NDAA)," *MostlyMissileDefense* Blog, 25 February 2018, <u>https://mostlymissiledefense.com/2018/02/25/scope-and-scale-of-missile-defense-plans-in-the-2018-national-defense-authorization-act-ndaa-february-25-2018/</u>

Jaganath Sankaran, "Why So Mad About THAAD? A Case of Chinese Coercion?" Asia & the Pacific Policy Society (APPS) Policy Forum, 24 March 2017, <u>https://www.policyforum.net/why-so-mad-about-thaad/</u>

Jaganath Sankaran, "China's Deceptively Weak Anti-Satellite Capabilities," *Diplomat*, November 13, 2014.

Jaganath Sankaran, "The Resilience of U.S. Military Space Power," Space News, July 28, 2014.

SELECTED INTERVIEWS

Interview: "Trump releases vague, but ambitious, vision for missile defense," *PolitiFact*, February 4, 2025, <u>https://www.politifact.com/truth-o-meter/promises/maga-meter-tracking-donald-trumps-2024-promises/promise/1642/construct-an-iron-dome-like-missile-defense-system/</u>

Interview: "Japan and India to update key document on security cooperation," *The Japan Times*, August 21, 2024, <u>https://www.japantimes.co.jp/news/2024/08/21/japan/politics/japan-india-2-plus-2-analysis/</u>

Interview: "U.S. pulling India closer to West as strategic interests converge," *The Japan Times*, November 11, 2023, <u>https://www.japantimes.co.jp/news/2023/11/11/asia-pacific/politics/us-india-two-plus-two/</u>

Interview: "The US may not have an Iron Dome, but the military is spending on the technology. Politifact, October 13, 2023, Here's how." https://www.politifact.com/article/2023/oct/13/us-may-not-have-iron-dome-but-military/

Interview: "India and Japan to deepen ties amid growing Indo-Pacific tensions," *The Japan Times*, September 9, 2023, <u>https://www.japantimes.co.jp/news/2022/09/09/national/india-japan-deepening-ties/</u>

Interview: "How the U.S. seeks to militarize outer space," *CBS News,* July 27, 2023, <u>https://www.cbsnews.com/video/is-the-u-s-prepared-for-space-militarization/</u>

Interview: "Boost-Phase Missile Defense against North Korea," *Voice of America,* April 8, 2022, <u>https://www.voakorea.com/a/6519945.html</u>

Interview: "A Q&A on Hypersonic Glide Vehicles," *Payload*, October 21, 2021, <u>https://payloadspace.com/a-qa-on-hypersonic-glide-vehicles/</u>

PI, Revisiting the Logic of Nuclear Deterrence: How Much is Enough and Why?

Interview: "Why India is Investing in Space. It isn't just about the country's rising nationalism" *SLATE*, March 17, 2017, https://slate.com/technology/2017/03/why-india-is-investing-in-space.html

Interview: "Why U.S. Antimissile System in South Korea Worries China," *The New York Times*, March 11, 2017, https://www.nytimes.com/2017/03/11/world/asia/us-south-korea-thaad-antimissile-system-china.html

GRANTS (EXTERNAL) United States Air Force (USAF) (\$193,411,00)	August 2023 – July 2024
Intergovernmental Personnel Act (IPA), Colin S. Gray Visiting Professor in Strategy and Advanced Air and Space Studies, U.S. Air War College	d Security Studies, School of
Stanton Foundation (\$93,768)	September 2021 – August 2023
PI, Cooperative National Missile Defenses: A Mechanism to Foster Reassurance and End	hance Strategic Stability
Carnegie Corporation of New York (\$124,000) PI, Emerging Anti-Satellite (ASAT) Threats to U.S. Nuclear Command, Control and Communications (C3) Space Assets	April 2020 – April 2022
Carnegie Corporation of New York (\$11,110) Co-PI, Implications of Small Satellites & Defense Innovation for Nuclear Security and S	2018 Strategic Stability
Carnegie Corporation of New York (Sub-award: \$50,000) PI, Reducing Nuclear Risks, Research, Policy Engagement, and Training	2018
Abe Fellowship, Social Sciences Research Council (\$51,796) PI, Fostering Military Stability and Nuclear Nonproliferation in Northeast Asia	2015-2017
Secure World Foundation (\$51,000) Co-PI, Reconsidering the Rules for Space Security	2011 - 2012
GRANTS (INTERNAL)	
Policy Research Institute, LBJ School of Public Affairs (\$5,000)	Summer 2024

Policy Research Institute, LBJ School of Public Affairs (\$15,000) PI, Machine Learning in Nuclear Missile Hunting: Possibilities and Perils	Summer 2022
Good Systems Faculty Fellowship, University of Texas at Austin (\$4,000) PI, Machine Learning in Nuclear Missile Hunting: Possibilities and Perils	Summer 2022
Policy Research Institute, LBJ School of Public Affairs (\$9,817) PI, Metals, Metallurgy, and War: Rare-Earth Metals and Modern Weapon Systems	2021 - 2022
University of Texas at Austin, Graduate School (\$12,500) Summer Research Assignment PI, A New Arms Control Deal with Iran: Viability of Negotiated Limits on Iranian Ballistic Missile Prog	Summer 2020
Policy Research Institute, LBJ School of Public Affairs (\$14,333) PI, Emerging Technologies and Missile Warfare	July 2019

TEACHING EXPERIENCE

School of Advanced Air and Space Studies, Air War College, Montgomery, AL SAASS 633: Coercion and Deterrence in Theory and Practice (December 4-19, 2023) SAASS 660: Technology and Military Innovation (April 22 - May 10, 2023)

Lyndon B. Johnson School of Public Affairs, University of Texas at Austin PA388K – Emerging Technologies and International Security (Spring 2020, Fall 2022)

PA 383G - Policymaking in a Global Age (Science and Technology Policy) (Spring 2019, Spring 2020)

PA 388K – Asian Security Policy (Spring 2019)

PA 397G – Analytical Methods for Global Policy Studies (Fall 2018, Fall 2019, Fall 2020, Spring 2023, Fall 2024)

PA 390C - Advanced Research Methods (for doctoral students) (Fall 21, Fall 2019 [select weeks])

PA 388K – Research Writing Colloquium (for doctoral students) (Spring 2023, Spring 2025)

Maryland School of Public Policy, University of Maryland

PLCY 790 – Project Course: International Security and Economic Policy (ISEP) (Spring 2016 & Spring 2017)

PLCY 610 - Quantitative Aspects of Public Policy (Fall 2016 & Fall 2017)

PLCY 720 – International Security Policy (Fall 2017).

HONOR & AWARDS

Colin S. Gray Visiting Professor in Strategy and Security Studies, Air University	2023-2024
Stanton Foundation Nuclear Security Grant	2021-2023
Abe Fellowship, Social Sciences Research Council	2015
Post-Doctoral Research Associate, Los Alamos National Laboratories	2014-2015
Post-Doctoral Fellow, Belfer Center for Science and International Affairs, Harvard University	2013-2014
Stanton Nuclear Security Post-Doctoral Fellow (RAND Corporation)	2012-2013
Yamamoto-Scheffelin Endowment Award for Dissertation Research	2012
Omicron Delta Kappa	2009
University of Maryland Flagship Fellowship	2008 - 2012

Phi Alpha Alpha	2008
National Space Society, SEDS and the Space Generation Foundation Scholarship	2008
(International Space University (ISU) Summer School)	
Technology Day Award, Defense R & D Organization, Ministry of Defense, India	2006
Merit Excellence Award, National Institute of Technology, Jalandhar, India	2000 - 2003

STUDENT ADVISING

Ph. D. Committee Member, Lt. Col. Rachel Lee Reynolds, PhD, LBJ School, 2023 (US Air Force)
Ph. D. Committee Member, Sam Rosenberg, PhD, LBJ School, 2024 (US Army)
Ph. D. Committee Member, Ryan Ashley, PhD, LBJ School, 2024 (US Air force)
Ph. D. Committee Chair, Marion Foster, PhD candidate, LBJ School
Faculty Advisor, Jon Buchleiter, PhD candidate, History Department, UT Austin & 2021-22 Brumley Fellow
Second Reader, Graduate thesis, Mr. Christopher Matos (2020-2021)
Instructor, Independent Study Conference Course, Mr. Matthew Ziesmer (Spring 2022)
Instructor, Independent Study Conference Course, Mr. Jonah Bhide (Fall 2021)
Instructor, Independent Study Conference Course, Mr. Nick Barracca (Fall 2020)

Primary Advisor, Plan II Undergraduate thesis, Dhruv Desai, BA (2020-2021) Primary Advisor, Plan II Undergraduate thesis, John Ketterer, BA (2020-2021)

Primary Thesis Advisor, Major Regenald Howard, US Air Force, SAASS (AY23-24), US Air War College Primary Thesis Advisor, Major Ajay Dua, US Air Force, SAASS (AY23-24), US Air War College Primary Thesis Advisor, Major Steven Barfoot, Canadian Air Force, SAASS (AY23-24), US Air War College Second Thesis Reader, Major Bryce Acres, US Air Force, SAASS (AY23-24), US Air War College Second Thesis Reader, Major Francisco Vazquez, US Air Force, SAASS (AY23-24), US Air War College Second Thesis Reader, Major Tom Heistuman, US Air Force, SAASS (AY23-24), US Air War College

PROFESSIONAL SERVICE LBJ SCHOOL OF PUBLIC AFFAIRS

Member, PhD Admissions Committee (2022-2023) Member, PhD Internal Review Committee (2021-2022) Member, Diversity, Equity, and Inclusion (DEI) Committee (2020-2021) Member, PhD Comprehensive Examination, Curriculum, Qualifying Committee (2018-2020) Chair, Subcommittee on Learning Objectives for the PhD Methods Sequence, PhD GSC (2019-2020)

STUDY GROUP MEMBER, American Physical Society, Panel on Public Affairs (POPA) Study Group (2020). *Missile Defense and National Security*.

<u>**TECHNICAL CONSULTANT**</u>, U.S. National Academies of Sciences, Committee on International Security and Arms Control (2015-2016). *Joint U.S.-Russian National Academies of Science Study Group on Missile Defense Cooperation.*

<u>REVIEWER</u>: Oxford University Press, International Security, Security Studies, Journal of Global Security Studies, Contemporary Security Policy, Strategic Studies Quarterly, International Studies Review, The Pacific Review, Asian Security, Science and Global Security, Defence Studies, and Space & Defense, The Electricity Journal, India Review.

MEMBER: International Studies Association (ISA), American Political Science Association (APSA), Association for Asian Studies (AAS), Arms Control Association (ACA), U.S. Naval Institute, American Association for the Advancement of Science (AAAS), and Military Operations Research Society (MORS).

PRESENTATIONS

SELECTED INVITED PRESENTATIONS

"Bombing to Provoke: Rockets, Missiles, and Drones as Instruments of Fear and Coercion"

- Albritton Center for Grand Strategy, Bush School of Government and Public Service, Texas A&M University, February 5, 2025.
- Asia Policy Program/LBJ School of Public Affairs, January 22, 2024.
- Brookings Institution, Foreign Policy Program, virtual, November 25, 2024.
- MIT Security Studies Program, Cambridge, MA, October 9, 2024.

Panelist, Space Security and Military Space Diplomacy, Annual 2024 Space Diplomacy Symposium, University of Washington, Seattle, October 25, 2024.

"Assessing Missile Defense Technologies and Policies Half a Century After the Anti-Ballistic Missile Treaty," Institute for Peace Research and Security Policy (IFSH), Berlin, Germany, August 26-17, 2024.

"Roundtable on Precision Warfare: Past, Present and Future," Airpower Practitioner Conference, Air Command and Staff College, Air War College, Montgomery, AL, May 7, 2024.

"The Failures of Russian Aerospace Forces in the Russia-Ukraine War and the Future of Air Power," **States, Societies, and Security in the 21st Century Conference**, United States Military Academy, West Point, NY, February 7, 2024.

"Bombing to Provoke: Rockets, Weak Actors, and Coercive Air Power," **States, Societies, and Security in the 21st Century Conference**, United States Military Academy, West Point, NY, February 7, 2024.

"Bombing to Provoke: Rockets, Missiles, and Drones as Instruments of Fear and Coercion," **School of Advanced Air and Space Studies (SAASS) & Air Command and Staff College (ACSC)**, Air University, Montgomery, AL, December 7 & 11, 2023.

"Roundtable on Minimizing the negative effects of advances in military-relevant space capabilities on strategic stability," **Atlantic Council,** Washington, D.C., November 27, 2023.

"Bombing to Provoke: Rockets, Missiles, and Drones as Instruments of Fear and Coercion," **Program on** Science and Global Security, Princeton University (online), November 8, 2023.

"Missile Defense," Dartmouth College-Georgetown University-Sandia National Laboratories, **Strategic Forces Analysis Boot Camp**, Albuquerque, New Mexico, August 1, 2023.

"Missile Warfare and the PLA Rocket Forces (PLARF)," **GW Elliott School of International Affairs**, Washington, D. C., March 1, 2023.

"Space Weapons and Strategic Stability," Project on Promoting Dialogue on Arms Control and Disarmament, American Academy of Arts and Sciences (online), Cambridge, MA, October 20, 2022.

"Emerging Technologies and Strategic Stability," Workshop on the Technological Future of Major Power Nuclear Competition, **Carnegie Endowment for International Peace**, Washington, D.C., September 29, 2022.

"Defending the United States: Revisiting National Missile Defense against North Korea," Albritton Center for Grand Strategy, Bush School of Government and Public Service, Texas A&M University, Online Lecture, June 17, 2022.

"State or Soldier? Explaining India-China Border Crises," **SAGE National Security Seminar, University of Texas at Austin,** May 2, 2022.

"Defending the United States: Revisiting National Missile Defense against North Korea," **Engineering and Public Policy, Carnegie Mellon University,** Online Lecture, March 31, 2022.

"Defending the United States: Revisiting National Missile Defense against North Korea," **Oslo Nuclear Forum, Department of Political Science, University of Oslo,** Online Lecture, March 24, 2022.

"Space Security and Deterrence," National Defense University, Online Lecture, November 3, 2020.

"Primer on On-orbit Collision & Debris Generation," United Nations Disarmament Commission (UNDC) Working Group, New York, NY, 04.10.2019.

"Addressing Iranian Missile Threats and Reconfiguring U.S. Missile Defenses in Europe," Joint Workshop of the Center for International and Security Studies at Maryland (CISSM) and The Institute for U.S.A and Canadian Studies (ISKRAN), College Park, MD, 11.13.2018.

"Missile Defense, Misperception, and Inadvertent War," Joint Workshop of the Center for International and Security Studies at Maryland (CISSM) and The Institute for U.S.A and Canadian Studies (ISKRAN), College Park, MD, 10.11.2016.

"Are Anti-Satellite (ASAT) Capabilities Upending Traditional Nuclear Deterrence?" **Tsinghua University & Carnegie-Tsinghua Center** for Global Policy Annual Conference, Beijing, China, 07.19.2016.

"Missile Defenses in the Asia-Pacific," **POSSE** Emerging Technologies and Strategic Stability Workshop, Washington, D.C., 02.06.2016.

"Deterring North Korea: An Examination of the East Asian Missile Defense Architecture," **CSIS Project on Nuclear Issues (PONI)** Summer Conference, Los Alamos, 06.23.2015.

"Evaluating the European Phased Adaptive Approach (EPAA) Missile Defense System: Does EPAA Threaten Russia? What Measures of Cooperation with Russia Are Viable?" 2014 **RUSI Missile Defense Conference**, Invited conference address, 03.18.2014.

"Balancing the European Phased Adaptive Approach (EPAA) Missile Defense System: Can EPAA Defend Against Iranian Missiles Without Threatening Russian ICBMs?" **Office of the Acting Under Secretary for Arms Control and International Security**, Department of State, 01.07.2014.

"Balancing the European Phased Adaptive Approach (EPAA) Missile Defense System: Can EPAA Defend Against Iranian Missiles Without Threatening Russian ICBMs?" **Office of the Under Secretary of Defense** (Policy), Global Strategic Affairs, Pentagon, 10.01.2013.

"Analytical Examination of the Rhetoric in the Debate on Space Security," **The Bovay Seminar Series**, College of Engineering, Cornell University, 02.06.2013.

"Tactical Satellites (TacSats) for Battlefield Operations: Engineering Feasibility," **The Program on Science and Global Security** at Princeton University, 04.18.2012.

"Tactical Satellites (TacSats) for Battlefield Operations: Engineering Feasibility," **Engineering and Public Policy Department, Carnegie Mellon University**, 01.23.2012.

CONFERENCE PRESENTATIONS

International Studies Association (ISA) Annual Conference (2016, 2018, 2020, 2023)

International Security Studies Section of ISA and the International Security and Arms Control Section of APSA (ISSS-IS) Annual Conference (2015, 2018, 2019)

American Political Science Association (APSA) Annual Conference (2019, 2021)

WORKSHOPS

Participant, MIT Summer Wargaming Institute, MIT Security Studies Program, Boston, MA (Summer 2024).

Instructor, **Strategic Force Analysis Bootcamp**, Dartmouth Initiative for Global Security and Sandia National Laboratories, Albuquerque, New Mexico (Summer 2023).

Participant, Institute for Qualitative and Multi-Method Research (IQMR), Syracuse University, New York (Summer 2019).

Participant, **Oxford Spring School** in Advanced Research Methods, Department of Politics & International Relations, Oxford University, Oxford, United Kingdom (2018).

Participant, Summer Workshop on Analysis of Military Operations (SWAMOS), Cornell University, Ithaca, NY (2012).

Participant, Collaborative Satellite Imagery Analysis Workshop, Federation of American Scientists (FAS), Washington D.C. (2011).

Participant, International Summer Symposium on Science and World Affairs, Union of Concerned Scientist (UCS), Copenhagen (2007).