

Jane Vaynman

School of Advanced International Studies
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ACADEMIC APPOINTMENTS **School of Advanced International Studies (SAIS), Johns Hopkins University**
Assistant Professor of Strategic Studies, January 2024-present

Temple University
Assistant Professor, Department of Political Science, July 2016– December 2024

University of Pennsylvania
2021-2022 Lightning Scholar, Perry World House, August 2021-Present

George Washington University
Associate Director, Institute for Security and Conflict Studies, Elliott School of International Affairs, July 2014 – July 2016

Assistant Research Professor, Elliott School of International Affairs, July 2014 – July 2016

Council on Foreign Relations
Stanton Nuclear Security Fellow, August 2012- August- 2013

POLICY APPOINTMENTS **Bureau of Arm Control, Deterrence, and Stability, U.S. Department of State**
Senior Advisor, June 2022-December 2023

EDUCATION Ph.D., **Harvard University**, Department of Government, 2014
Dissertation: *Enemies in Agreement: Domestic Politics, Uncertainty, and Cooperation between Adversaries*
Awarded the Edward M. Chase Dissertation Prize for best dissertation on a subject relating to the promotion of world peace.

B.A., **Stanford University**, International Relations, 2004
Center for International Security and Cooperation (CISAC) honors

BOOK Jane Vaynman, *Enemies in Agreement: Political Volatility and the Design of Arms Control*. (Cambridge University Press, 2026), www.cambridge.org/vaynman.

ARTICLES Jane Vaynman and Tristan A. Volpe, “Dual Use Deception: How Technology Shapes Cooperation in International Relations” *International Organization*, 77(3), 559-632, (Summer 2023) <https://doi.org/10.1017/S0020818323000140>
Winner of the 2023 Robert O. Keohane Award, awarded annually for the best research article published by an untenured scholar in *International Organization*.

Jane Vaynman, "Better Monitoring and Better Spying: The Effects of Emerging Technology on Arms Control," *Texas National Security Review*, 4(4), 33-56 (Fall 2021).

<http://dx.doi.org/10.26153/tsw/17498>

Awarded the *Janne Nolan Prize for Best Article on National Security/International Affairs* by the 2020 Future Strategy Forum, Henry A. Kissinger Center for Global Affairs, Center for International and Strategic Studies (CSIS), and the *Texas National Security Review*

Andrew J. Coe and Jane Vaynman, "Why Arms Control Is So Rare" *American Political Science Review*, 114(2) pp. 342-355, (May 2020).

DOI: <https://doi.org/10.1017/S000305541900073X>

Awarded *Outstanding International Security Article in 2020* by the APSA International Security Section

Andrew J. Coe and Jane Vaynman, "Collusion and the Nuclear Nonproliferation," *Journal of Politics*, 77(4) pp. 983-997 (October 2015).

Scott D. Sagan and Jane Vaynman, eds, *Arms, Disarmament, and Influence: International Reactions to the 2010 Nuclear Posture Review*. Special issue of *The Nonproliferation Review*, Volume 18, no.1 (March 2011).

Scott D. Sagan and Jane Vaynman, "Introduction: Reviewing the Nuclear Posture Review," *The Nonproliferation Review* 18, no. 1 (March 2011): 17-37.

Scott D. Sagan and Jane Vaynman, "Conclusion: Lessons Learned from the 2010 Nuclear Posture Review," *The Nonproliferation Review* 18, no. 1 (March 2011): 237-262.

**WORK IN
PROGRESS**

Duplicity and Disclosure: How Technology Shapes Arming Strategies (with Tristan Volpe, manuscript available)

Domestic Political Shifts and the Design of Security Agreements (manuscript available)

International Institutions as Tools of Influence: The Case of Security Cooperation in East Asia

GRANTS

Principal Investigator, "Duplicity and Disclosure: How Technology Shapes Arming Strategies," Stanton Foundation, 2025-2026 (\$90k)

Co-Principal Investigator (with Tristan Volpe), "Distinguishing Wolves Among the Sheep," funded by *US Department of State, Office of Export Control*, 2021-2023 (\$200K)

Co-Principal Investigator (with Michael Horowitz) "New Technology Applications for Countering WMD: Concepts, Lessons, and Policy Implications" funded by *Project on Advanced Systems and Concepts for Countering Weapons of Mass Destruction (PASCC), US Air Force*, 2019-2022 (\$105K)

Principal Investigator, "International Institutions as Tools of Influence," subaward from *George Washington University*, 2016-2019 (\$60K) as part of "Spheres of Influence and Regional Orders: Assessing Approaches for Managing China's Rise" funded by *Minerva Research Initiative, Department of Defense* (1.65M)

Co-Director (with Francis Gavin) “Nuclear Studies Research Initiative” funded by *Carnegie Corporation of New York* and *MacArthur Foundation*, 2019-2022 (\$270K)

Co-Director (with Francis Gavin) “Nuclear Studies Research Initiative” funded by *Carnegie Corporation of New York* and *MacArthur Foundation*, 2015-2016 (\$100k)

FELLOWSHIPS

Lightening Fellow, Perry World House, University of Pennsylvania (2021-2022)

Postdoctoral Research Fellow, Niehaus Center for Globalization and Governance, Princeton University, 2014-2015 (declined)

Stanton Nuclear Security Fellow, Council on Foreign Relations, 2012-2013

Program on Global Security and Society Fellow, Weatherhead Center, 2011-2012

National Security Graduate Student Fellow, Tobin Project, 2011-2012

National Security Studies Program Fellow, Weatherhead Center, 2009- 2011

Graduate Student Associate, Weatherhead Center for International Affairs, 2009- 2011

Paul and Daisy Soros Fellowship for New Americans, 2009-2011

Fulbright Fellowship, Russian Federation, 2006-2007

**INVITED TALKS
AND
CONFERENCE
PRESENTATIONS**

“Duplicity and Disclosure: How Technology Shapes Arming Strategies” Stanford Department of Political Science (Stanford CA, 2024) University of Chicago (Chicago, 2025), ISA (Chicago, 2025), Yale (New Haven, 2025), GW (Washington DC, 2025).

“Dual Use Deception: How Technology Shapes Cooperation in International Relations” Stanford CISAC (2024), University of California Los Angeles (virtual, 2022) Perry World House, University of Pennsylvania (Philadelphia, 2021), Institute for Security and Conflict Studies, George Washington University (Washington, DC 2021) Naval Postgraduate School (Monterey CA, 2021) Carnegie Endowment for International Peace (Washington DC, 2021), ISA (virtual, 2021, 2022), APSA (virtual, 2021).

“Better Monitoring and Better Spying: The Effects of the Emerging Technology on the Information Tradeoff in Arms Control” The Centre for the Governance of AI (Oxford, UK, 2020) Nuclear Studies Research 2019 Conference (Hamburg, Germany, 2019), Belfer Center (Cambridge, 2019), ISA (Toronto, 2019), George Washington University (DC, 2018).

“Why Arms Control Is So Rare” Naval Postgraduate School (Monterey, 2019), University of Wisconsin (Madison, 2018), Temple Workshop on International Institutions and Global Governance (Philadelphia, 2017).

“The Myths of Arms Control and Implications for Future Cooperation,” US Strategic Command Deterrence Symposium (Omaha, July 2016).

“Arms Control Under Uncertainty: Leadership Change and the INF Treaty” Belfer Center for Science and International Affairs (Cambridge, 2015).

“International Institutions as Tools of Influence: The Case of China and the ASEAN Regional Forum” APSA (San Francisco, 2015), Temple Workshop on International Institutions and Global Governance (Philadelphia, 2015).

“Rethinking the Nuclear Nonproliferation Regime: The Role of Powerful States in Past and Future Stability” China-U.S. Young Scholars Dialogue on Nonproliferation and Nuclear Security (Qingdao, China, 2015), Reassessing the Global Nuclear Order: Past, Present and Future Conference (Melbourne, Australia, 2015)

“When Do States Cooperate with Enemies? Explaining Nuclear Treaties, Regimes, and Bargains” Generation Prague Conference, US Department of State (Washington DC, 2015).

“Cooperation on Restraint: The Determinants of Arms Control Agreements,” Peace Science Annual Meeting (Philadelphia, 2014), Lawrence Livermore National Laboratory (Livermore, 2014), Nuclear Studies Research Initiative (Airlie House, Virginia, 2015).

“Confidence Building Measures in Cyberspace” APSA (Washington DC, 2014)

“Fool’s Gold: The Role of Nuclear Weapons in International Conflict” ISA (Toronto, 2014)

“Do Power Shifts Create Belligerent Regions? China and Russia’s Coercive Diplomacy Towards Their Periphery” ISA (Toronto, 2014)

“Super Power Collusion and the Nuclear Nonproliferation Regime” Nuclear Studies Research Initiative Conference (Austin, 2013)

“Domestic Politics and the Design of Arms Control Treaties: Analysis from a New Dataset of Treaty Provisions” ISA (San Francisco, CA 2013), ISSS-ISAC (Washington DC, 2013)

“Why Monitoring Provisions Vary: Modeling the Role of Uncertainty” Peace Science Society Annual Meeting (Savannah, 2012)

“Information Sharing in Adversarial Security Cooperation” ISA (San Diego, CA 2012), Triangle Institute for International Studies New Faces Conference (Chapel Hill, 2012), Stanton Nuclear Security Conference (Washington DC, 2012)

“Confidence Building Measures: Lessons from the Nuclear and Conventional Weapons Domain” UNIDIR and Secure World Foundation meeting (United Nations, NY, 2011)

“Russian Arms Control Policy: Status Equalizing or Strategic Balancing?” Tenth International CISS Millennium Conference (Venice, Italy, 2009).

“Super Power Collusion and the Nuclear Nonproliferation Treaty,” Project on Nuclear Issues Capstone Conference (STRATCOM, 2011) ISA (New Orleans, 2010), ISSS-ISAC (Monterey, 2009).

TEACHING

School of Advanced International Studies (SAIS), Johns Hopkins University

- Technology and International Security Competition (Fall 2024, Fall 2025)
- Deterrence, Strategy, and Arms Control (Spring 2024, Spring 2025, Spring 2026)
- International Security Institutions (Spring 2025)

Temple University

- Post-Cold War Security (undergraduate lecture, Spring 2018, Spring 2019, Fall 2020)

- Theories of War and Peace (undergraduate lecture, Fall 2018)
- Nuclear Weapons in International Relations (undergraduate research seminar, Fall 2017, Spring 2019, Spring 2020, Fall 2020)
- International Security, (graduate seminar, Fall 2016, Fall 2018)

George Washington University

- Research in Progress Workshop, Institute for Security and Conflict Studies, 2014-2016.

Harvard University (teaching assistant)

- War and Politics, (Prof. Stephen Rosen) Teaching Fellow 2011, 2009.
- The Origins of Modern Wars (Prof. Stephen Walt) Teaching Fellow 2011, 2009.

FIELD BUILDING

Co-Founder, Nuclear Studies Research Initiative (NSRI), 2012 – 2022

- Focus on cross-disciplinary research in political science and history; conferences and workshops in 2013, 2015, 2016, 2019, 2021.
- Funded by the Carnegie Corporation of New York and the MacArthur Foundation.
- Housed 2018-present at the Kissinger Center, School of Advanced International Studies (SAIS), Johns Hopkins University.
- Previous partners include: Security Studies Program at MIT, the Woodrow Wilson Center, the University of Texas at Austin, RMIT University in Melbourne, and the Institute for Peace Research and Security Policy at the University of Hamburg (IFSH).

**POLICY
EXPERIENCE**

Bureau of Arms Control, Deterrence, and Stability, U.S. Department of State,
Senior Advisor, June 2022 – December 2024

Biden for President campaign, policy volunteer, May 2020 – Nov 2020

Hillary for America, Nonproliferation Working Group member, Dec 2015 – Nov 2016

Office of the Coordinator for Cyber Issues, U.S. Department of State,
Foreign Policy Assistant, July 2011 – August 2011

Bureau of Arms Control, Verification and Compliance, U.S. Department of State,
Foreign Policy Assistant, June 2011 – July 2011 and June 2010 – July 2010

Barack Obama Presidential Campaign, Foreign Policy Experts group member, June 2008 –
November 2008

Carnegie Moscow Center, Fulbright Fellow, Russian Federation, Sept. 2006 – July 2007

Center for American Progress, National Security Program, Special Assistant, May 2006 –
August 2006

Carnegie Endowment for International Peace, Nonproliferation Project,
Program Assistant, Sept. 2004 – May 2006

Center for Strategic and International Studies, International Security Program
Research Intern, June 2004 – Aug. 2004

**OTHER
PUBLICATIONS**

Reviews:

“Introduction,” in Nina Tannenwald, James M. Acton and Jane Vaynman, *Meeting the Challenges of the New Nuclear Age: Emerging Risks and Declining Norms in the Age of Technological Innovation and Changing Nuclear Doctrines*, American Academy of Arts and Sciences, Cambridge, MA, 2018.

H-Diplo/ISSF Forum on Andreas Wenger, Roland Popp (eds.), “Special Issue: The Origins of the Nuclear Nonproliferation Regime,” in *The International History Review*, 36: 2 (2014): 195-394. Published online May 18, 2015.

Policy Analysis:

Jane Vaynman and Tristan Volpe, “Competition and Collusion: How the AI Arms Race Can Motivate Governance” in Jim Mitre, Michael C. Horowitz, Natalia Henry, Emma Borden, and Joel B. Predd, eds., *The Artificial General Intelligence Race and International Security*. Santa Monica, CA: RAND Corporation, 2025.

Jane Vaynman and Tristan Volpe, “Making Coercion Work Against Russia.” *War on the Rocks*, March 11, 2022.

Naomi Egel and Jane Vaynman, “Reconsidering Arms Control Orthodoxy,” *War on the Rocks*, March 26, 2021.

Vipin Narang and Jane Vaynman, “There are signs North Korea is still working on its nuclear program. Here’s why ‘denuclearization’ is so problematic.” *Monkey Cage, The Washington Post*, June 30, 2018.

Jane Vaynman, “Is the U.S. about to ‘cheat’ on the Iran nuclear deal? Here’s how this could backfire.” *Monkey Cage, The Washington Post*, October 17, 2017.

Ariana Rowberry and Jane Vaynman, “Keeping Inspections in Perspective,” *Up Front*, Brookings Institution, November 2013.

Carnegie Endowment for International Peace Analyses and Issue Briefs: “Nonproliferation Turns 60,” Nov. 2005; “Questioning the A-Bomb,” August 2005; “Lock in Nuclear Successes,” (with Joseph Cirincione) August 2005; “Nuclear Numbers Then and Now,” (with Joshua Williams) July 2005; “Nuclear Time Capsule,” June 2005.

Jane Vaynman, “U.S. Funding for the Global Partnership: The Legislative Decision-Making Process,” *Center for Strategic and International Studies*, March 30, 2005.

**SERVICE,
MEMBERSHIP,
AND WORKING
GROUPS**

Advisory Board Member, Missile Dialogue Initiative (MDI), International Institute for Strategic Studies (July 2024-October 2025)

Temple University: IR search committee (Fall 2018), merit committee (Fall 2018), Political Science /History interdisciplinary search committee (Fall/Spring 2018/19), 3 current dissertation committees.

“Future Arms Control in an Era of Strategic Competition” workshop series, Project on Nuclear Issues, Center for Strategic and International Studies (May 2020- April 2022)

“Before the Bomb: The Politics of Nuclear Latency and Hedging” workshop series, Carnegie Endowment for International Peace and Center for Strategic and International Studies, (June 2020 – December 2020)

“CISSM-ISKRAN Security Seminar” workshop series, Center for International and Security Studies at Maryland and Institute for US and Canadian Studies, Moscow (June 2020-March 2021)

“Meeting the Challenges of the New Nuclear Age” Working Group, American Academy of Arts & Sciences (2016-2019)

Szilard Advisory Board, Center for Arms Control and Non-Proliferation (June 2017-May 2022)

Co-Director, Nuclear Policy Talks, Elliott School for International Affairs (2015-2016)

Special Guest, Arms Control and Nonproliferation, Brookings Institution (2013-2014)

SKILLS

Russian: heritage speaker, native comprehension with intermediate written.

Research tools: qualitative methods including interview-based and archival research; database creation with ATLAS.ti; experience with text-as-data and events data.

Statistical software: R, STATA

Just as important: Kept two small kids alive, fed, and mildly entertained during the 2020 COVID-19 lockdown.