

Lindsay Paige Gorman

RESEARCH, POLICY, & GOVERNMENT EXPERIENCE

The German Marshall Fund of the United States

January 2019 - July 2026

Managing Director and Senior Fellow, Technology Program

Washington, DC

- Built and led an international research team on AI, data, cyber, emerging tech, and US-Europe innovation with an allied transatlantic focus and staff in Washington DC, Brussels, Tallinn, Berlin, and Paris, and Silicon Valley.
- Set strategic directions, design and execute novel research plans, raised over \$1M/year in new funds to support program work, hire and mentor staff, and regularly brief the GMF Board on strategy, key initiatives, and funding.
- Advise government agencies, Congressional offices, and international partners on technology and innovation policy.
- Testify as an expert witness before the U.S. Congress and allied parliaments on AI, emerging technologies, innovation policy, and geopolitical competition and brief senior government leaders across the Atlantic.
- Frequently interviewed and quoted in U.S. and foreign media as a technology policy expert by outlets such as [The New York Times](#), [WSJ](#), [CNN](#), [CBS's Face the Nation](#), and [NPR](#); secured NYT and Washington Post exclusives for two research reports; and published analyses in outlets such as [The Atlantic](#) and [FT](#).

Deep Science Ventures

September 2023 – May 2025

Biotechnology Venture Scientist

Remote

- Scoped deep tech venture opportunities for societal impact at the intersection of AI and biotechnology.

Office of Science and Technology Policy & NSC, The White House (IPA Detail)

May 2021 – April 2022

Senior Policy Advisor for Technology Strategy

Washington, DC

- Built U.S. technology strategy and led whole-of-government initiatives across federal agencies.
- Launched six novel Presidential Initiatives including the International Grand Challenges on Democracy-Affirming Technologies; and the US-UK Privacy-Enhancing Technologies Challenges to spur innovation for public benefit.
- Stood up and led the US-EU Trade and Technology Council (TTC) dialogue on AI; led TTC strategic planning work; negotiated official statements; co-led interagency processes and supported Ministerial meetings.
- Led the US delegation for the Quad Critical & Emerging Technology sub-Working Group on Horizon Scanning.

U.S. Cyberspace Solarium Commission

2019 – 2020

Expert Contributor (Part-time)

Washington, DC

- Developed analysis and recommendations for U.S. & allied engagement in international technical standards bodies.

Schmidt Futures

May 2020 – December 2020

Consultant (Part-time)

Washington, DC

- Advised Eric Schmidt and drafted RFI responses on 5G and DOD spectrum, defense innovation, and allied tech.
- Scoped opportunity as part of a founding team for a novel telecom company based.
- Led development of state-level broadband policy solutions for the Reimagine New York Commission.

Politech Advisory

January 2018 – May 2021

Managing Director and CEO

Washington, DC

- Built a business with clients in venture capital & start-ups in cybersecurity, defense tech, and financial technology.
- Developed the private placement memorandum (PPM) and strategic technology plan for a deep tech VC firm; built pipeline, performed due diligence on prospective early stage investments, and developed LP and fund structure.
- Authored report "[No Hands on Deck](#)" on autonomous sea warfare in the Pacific and the U.S.-Australian alliance.

Office of U.S. Senator Mark Warner

October 2016 – January 2018

Research Coordinator

Washington, DC

- Led the Senator's Future of Capitalism initiative, including long-term value creation, corporate governance, technical workforce development, and start-ups; developed the Senator's 21st century cyber warfare strategy.
- Drafted, built stakeholder base for, secured co-sponsorship of, and introduced [S.1251](#) (bipartisan) and [S.2048](#).

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National Academy of Sciences

January – April 2015

Christine Mirzayan Fellow, Committee on International Security and Arms Control

Washington, DC

- Managed a U.S.-Russia track II meeting on ballistic missile defense and strategic security.
- Prepped U.S. Committee for a track II dialogue with PRC military and scientific leaders on cyber statecraft.
- Prepared NAS report on nuclear security cooperation with Brazil.

TECHNOLOGY R&D (*Selected, 5+ years*)

2006 – 2014

Silicon Valley Cybersecurity Start-Up Companies

2012-2014

- Built AI software for a DARPA-I20-funded cybersecurity start-up finding vulnerabilities in critical infrastructure.
- Initiated projects on supply chain security and insider threat detection, created and pitched briefing decks for USG clients, explained security controls to a joint service command, and extended a multi-million-dollar cyber contract.
- Pitched cyber software products to customers, scoped new product concepts, programmed prototypes.

Academic Physics and Applied Physics Research – Quantum and Bio

2008 - 2013

- Performed the first studies on novel quantum magnetic properties of topological insulators using scanning tunneling microscopy and theoretical modeling; work published in top journal *Nature Physics*, 7, 939 (2011).
- Built and designed experiments in quantum optics, engineering biology, and applied physics and neuroscience.
- Performed quantum chemical simulations of transition metals using density functional theory.

PSQR Capital Management (NYC-based hedge fund) – Software

2011 - 2012

- Developed fractal models (technical analysis) for automated trading on futures markets using C# and Excel VBA.

DARPA Urban Challenge (The 1st Urban Autonomous Vehicle Race)

2006-2008

- Built an autonomous car and led the Princeton engineering team in the 2007 National Qualification Event.
- Designed and programmed machine learning and sensor coordination systems for detecting cars and lane markings.
- Led the Perception Team and implemented probabilistic tracking and multiple model matching for an object fusion classifier (Extended Kalman Filter), combining data inputs from stereo and monocular cameras, radar, and GPS.

Bell Labs Unix Group – Cryptography

2006

- Programmed an internet key exchange server using cryptographic protocols for mobile IP telephony in telecom use.

EDUCATION

Stanford University, *Master of Science* in Applied Physics (2016)

- *Teaching Assistant* to Former Secretary of Defense Dr. William Perry (Technology and National Security)

Nuclear Reactor Summer School, Irvine, CA – studied engineering of and operated a nuclear reactor.

Princeton University, *Bachelor of Arts* in Physics, *Magna Cum Laude* (2011)

Minors in Computer Science, Applied Mathematics, and Engineering Physics

- Allen G. Shenstone Prize (two-time recipient) and Best Applied Math Independent Work Prize for theoretical work in quantum physics on scattering of impurities on topological insulators; senior thesis published in *Nature Physics*.

SELECTED AWARDS AND HONORS

- Member of the Jury, SPRIN-D (Germany's innovation agency) Deepfake Detection and Prevention Challenge (2025)
- Author, *Nature Physics*, 7, 939 (2011) -- discovered novel properties of quantum topological insulators.
- Speaker, American Physical Society March Meeting, "Topological Surface States in Bi₂Te₃" (2011)
- U.S. State Department Speaker Program Awardee – engagements in Switzerland on AI impacts (2025), Spain on defense innovation and technologies (2025), and Brazil on emerging technology governance and cybersecurity (2019)

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SELECTED LIST OF PUBLICATIONS

Journal Articles

- Spatial fluctuations of helical Dirac fermions on the surface of topological insulators, *Nature Physics*, 7, 939 (2011). (with Haim Beidenkopf, Pedram Roushan, Jungpil Seo, Ilya Drozdov, Yew San Hor, R. J. Cava & Ali Yazdani)
- How Democracies Can Win the Information Contest, *The Washington Quarterly*, 2020. (with Laura Rosenberger)
- China's Data Ambitions: Strategy, Emerging Technologies, and Implications for Democratic Values, *National Bureau on Asian Research*. (August 2021)

Testimonies

- National Security Challenges: Outpacing China in Emerging Technology, Testimony before the U.S. Senate Banking Committee (January 2024)
- Commanding Heights: Ensuring U.S. Leadership in the Critical and Emerging Technologies of the 21st Century, Testimony before the U.S. House Select Committee on Strategic Competition with the Chinese Communist Party (August 2023)
- Securing Communications Networks from Foreign Adversaries, Testimony before the U.S. House of Representatives Committee on Energy and Commerce Subcommittee on Communications and Technology (February 2024)
- Europe, the United States, and Relations with China: Convergence or Divergence? Testimony before the U.S.-China Economic and Security Review Commission (June 2023)
- China's Influence Operations, Testimony before the Australian Parliament Select Committee on Foreign Interference Through Social Media (April 2023)

Selected Op-Eds

- 5G is Where China and the West Finally Diverge, *The Atlantic*, January 2020.
- Do China's 'Wolf Warrior' Diplomats Have Any Bite?, *Financial Times*, April 2021.
- China tries to push U.S. tech companies around in Hong Kong. Here's how to push back., *NBC Think*, July 2020. (with Karen Kornbluh)
- U.S. Firms Are Helping Build China's Orwellian State, *Foreign Policy*, March 2019. (with Matt Schrader)
- The U.S. Needs to Get in the Standards Game—With Like-Minded Democracies, *Lawfare*, April 2020.
- A Way Forward for U.S. Policy on TikTok, *Lawfare*, November 2020.
- The United States Can't Afford to Turn Away Chinese Talent, *Foreign Policy*, May 2020. (with Elsa B. Kania)

Selected Reports

- DARPA Urban Challenge: Princeton University Technical Paper (2007). (with Anand Atreya, Bryan Cattle, Safiyy Momen, Brendan Collins, Alex Downey, Gordon Franken, Jon Glass, Zach Glass, Josh Herbach, Andrew Saxe, Issa Ashwash, Chris Baldassano, Will Hu, Umar Javed, Jonathan Mayer, David Benjamin, Derrick Yu)
- Chinese State Propaganda Goes to Bat for TikTok, *The Alliance for Securing Democracy*, April 2023 (with Etienne Soula) – covered in a New York Times exclusive
- Not Just Dance Videos: How Candidates are Using TikTok in the US Midterms, *The Alliance for Securing Democracy*, October 2022. (with Nash Miller) – covered in a Washington Post exclusive
- 5G Tech Factsheet for Policymakers, *Harvard Kennedy School Belfer Center*, Spring 2020. (with Hugo Yen, David Simpson, Amritha Jayanti)