

JENNY JUN

djun33@gatech.edu ◊ [Google Scholar](#)

Habersham 214, 781 Marietta St NW, Atlanta, GA 30332

PROFESSIONAL POSITIONS

Georgia Institute of Technology

Assistant Professor, Sam Nunn School of International Affairs

2024-Present

Center for Security and Emerging Technology (CSET), Georgetown University

Non-resident Fellow, CyberAI

2024-Present

Research Fellow, CyberAI

2023-2024

EDUCATION

Columbia University

Ph.D., Department of Political Science

2024

M.Phil., Department of Political Science

2019

M.A., Department of Political Science

2017

Georgetown University

M.A., International Security, Security Studies Program (SSP)

2016

B.S., International Politics, School of Foreign Service (BSFS)

2012

FELLOWSHIPS

Atlantic Council

Nonresident Fellow, Cyber Statecraft Initiative

2020-2024

American Foreign Policy Council

Junior Fellow

2018-2020

WORKING PAPERS

“Coercion in Cyberspace: A Formal Model of Extortion via Encryption”

“Variation in Coercion: Costly Signals that also Undermine Attack Effectiveness”

“After Attribution: Interpreting Escalation versus Accommodation in Cyberspace” with Erica Lonergan

“From Shock to Strategy: How States Manage Digital Platform Dependence,” with Sanghyun Han (under review)

WORKS IN PROGRESS

“Tracking North Korea’s Cryptocurrency Theft for Evaluating Sanctions Effectiveness” (GTRI IRAD HIVES grant, 2025-2026)

“North Korea’s AI Research Landscape and Security Applications” (IAC GEARS grant, 2026)

PUBLICATIONS

Peer-Reviewed Journal Articles

“US-South Korea Cyber Cooperation: Towards the Higher-Hanging Fruits” *Korea Policy*, 2(2), 2024.

“Getting China to Sanction North Korea,” with Nathan Beauchamp-Mustafaga, *Yonsei Journal of International Studies*, 5(1), 2013. [Link](#)

Monographs

Combating Foreign Influence Efforts on Social Media: Study Overview and Conclusions, with Raphael S. Cohen, Nathan Beauchamp-Mustafaga, Joseph Cheravitch, Alyssa Demus, Scott W. Harold, Michael Schwillie, Elina Treyger, Nathan Vest, PR-4582-AF, Santa Monica, Calif: RAND Corporation, 2021. [Link](#)

North Korea’s Cyber Operations: Strategy and Responses, with Scott LaFoy and Ethan Sohn, Center for Strategic and International Studies (CSIS) Reports, Landham, MD: Rowman & Littlefield, 2016. [Link](#)

Policy Writing

“Cybersecurity Risks of AI-Generated Code,” with Jessica Ji, Maggie Wu, and Rebecca Gelles, Center for Security and Emerging Technology (CSET), November 2024. [Link](#)

“How Will AI Change Cyber Operations?” *War On the Rocks*, April 2024. [Link](#)

“Cyber conflict in international relations: A scholar’s perspective,” *5x5 Series*, Atlantic Council, June 2023. [Link](#)

“The US-Japan-South Korea Trilateral Cybersecurity Relationship,” *5x5 Series*, Atlantic Council, August 2022. [Link](#)

“Preparing the Next Phase of U.S. Cyber Strategy,” *Issue Brief*, Atlantic Council, March 2022. [Link](#)

“Will Artificial Intelligence Hone North Korea’s Cyber “All-Purpose Sword”?” with Scott Harold, Nathan Beauchamp-Mustafaga, Diana Myers, and Derek Grossman, Special Report No.7, *Korea Economic Institute of America*, 2022. [Link](#)

“The Pros and Cons of Mandating Reporting From Ransomware Victims,” with Nadiya Kostyuk, *Lawfare*, November 2021. [Link](#)

“Could Ransomware Become a Geopolitical Weapon? Game Theory Says Yes,” *Politico*, July 2021. [Link](#)

“How North Korea’s Cyber Power Can Undermine U.S. Sanctions Enforcement”, *NK Pro*, June 2021. [Link](#)

“The Political Economy of Ransomware,” *War on the Rocks*, June 2021. [Link](#)

“The 5x5-How Retaliation Shapes Cyber Conflict”, *5x5 Series*, Atlantic Council, May 2021. [Link](#)

“Five Big Questions as America Votes: Cybersecurity,” *New Atlanticist*, Atlantic Council, Septem-

ber 2020. [Link](#)

“Assessing North Korea’s Cyber Threat,” in *Hybrid and Transnational Threats*, Friends of Europe, December 2018. [Link](#)

“Lessons from North Korea’s Cyber Operations,” in *Hybrid Conflict: The Roles of Russia, North Korea, and China*, edited by van der Putten, et al. Clingendael Institute, May 2018. [Link](#)

“Lessons from North Korea’s Cyber Strategy,” *Defense Technology Program Brief*, The American Foreign Policy Council, May 2018.

“Pyongyang’s Move to Compel Adversaries in Cyberspace,” *The Cipher Brief*, July 2017. [Link](#)

“Cybersecurity,” with Yu Harada, Grant Schneider, and Christopher Whyte, *The 2015 North-east Asia Regional Young Leaders Security Seminar: A Conference Report, Table-Top Exercise, and Regional Security Primer* edited by Brad Glosserman and Julia Gardner, *Issues & Insights*, 16(14), Pacific Forum CSIS, July 2016. [Link](#)

“Considerations for Cyber Threat Intelligence on North Korea,” *Korea Chair Platform*, CSIS, February 2015.

“The Organization of Cyber Operations in North Korea,” with Scott LaFoy and Ethan Sohn, *Korea Chair Platform*, CSIS, December 2014.

“What Do We Know About Past North Korean Cyber Attacks and Their Capabilities?” with Scott LaFoy and Ethan Sohn, *Korea Chair Platform*, CSIS, December 2014.

“Back to Active Diplomacy: North Korea Policy for the Second Obama Administration,” *New Perspectives in Foreign Policy*, Vol.4, CSIS, June 2013. [Link](#)

“Dealing with a Sore Lip: Parsing China’s ‘Recalculation’ of North Korea Policy,” *38 North*, March 2013. [Link](#)

PRESENTATIONS

Congressional Testimony

“Illicit IT: Bankrolling Kim Jong Un” Testimony before the House Foreign Affairs Subcommittee on Indo-Pacific, July 2023

Academic Presentations

IS-ISSS Annual Conference, October 2025

Columbia University International Politics Seminar (CUIPS), Columbia University, October 2022

American Political Science Association (APSA), September 2022

U.S. Naval War College Cyber & Innovation Policy Institute (CIPI) Summer Workshop: Maritime Cybersecurity (by invitation), June 2022

Digital Issues Discussion Group (DIDG), December 2021

American Political Science Association (APSA), September 2021

Columbia University International Politics Seminar (CUIPS), Columbia University, March 2021
Digital Issues Discussion Group (DIDG), March 2021
International Studies Association (ISA), March 2020 (cancelled)
Formal Models of International Relations (FMIR) Conference (by invitation), February 2020
Southern Political Science Association (SPSA), January 2020
Midwest Political Science Association (MPSA), March 2019
Peace Science Society Pre-Conference Workshop “New Research on Cyber Warfare: Insights Into the Changing Nature of Peace and War Processes”, November 2018

Invited Talks and Panel Events

Moderator, “The Nexus of Economic Security and Technology: Why Georgia Matters,” Georgia Institute of Technology, December 2025

Panelist, “Cyber Threat Response and Attribution,” Cyber Summit Korea 2025, Seoul, South Korea, September 2025

Panelist, “South Korea’s Internet Infrastructure, Risks, Idiosyncracies, and Opportunities”, Center for Long Term Cybersecurity (CLTC), UC Berkeley, April 2025

Panelist, “The Geopolitics of Cybersecurity,” Georgia Institute of Technology, February 2025

Moderator, ”U.S. Election Outcomes and the Future of U.S.-ROK Relations,” Georgia Institute of Technology, November 2024

Panelist, “Sanctions and Deterrence Towards the DPRK,” Global Korea Forum, George Washington University, November 2024

Panelist, “Cooperation in Space & Cyber,” Broadening the Alliance: New Frontiers in US-South Korea Cooperation, Korea Economic Institute of America (KEI), November 2024

Panelist, “North Korea’s illicit cyber activities,” Korea Policy Forum, George Washington University, August 2024

Panelist, “Adapting to the Shifting Security Landscape in the Korean Peninsula and beyond,” Korean Peninsula Symposium, Embassy of the Republic of Korea in Canada, November 2023

Panelist, “The Nexus of Cyber and Technology competition,” The Future of Cyber Competition, Lawrence Livermore National Laboratory, September 2023

Panelist, “National Capabilities to Respond to Irresponsible Behaviors in Cyberspace,” International Conference on Building Global Cyberspace Peace Regime (GCSR), Seoul, South Korea, September 2023

Discussant, “The Evolution of North Korea’s Cyber Strategy,” 2023 U.S.-Korea Opinion Leaders Seminar, Korea Economic Institute of America, July 2023

Panelist, “Cybersecurity: Cooperation, Strategy, and Adversaries on the Korean Peninsula and Beyond,” East-West Center-Korea Economic Institute Congressional Staff Program on Korea, online, June 2023

Moderator, “Assessing the Success and Failure of Cyber Operations,” Workshop on *Deter, Disrupt or Deceive? Assessing Cyber Conflict as an Intelligence Contest*, American University, May 2023

Panelist, “North Korean Cyber Operations: At the Nexus of Geopolitics, Technology, and Policy,” Harvard Belfer Center Korea Project, online, November 2022

Panelist, “Russian Malign Influence on International Security,” University of Georgia, online, October 2022

Panelist, “International Conference on Building Global Cyberspace Peace Regime (GCPR) 2022,” Seoul, South Korea, September 2022

Organizer, private roundtable, “The United States and South Korea in Cyberspace: Opportunities for Cooperation,” Atlantic Council, online, June 2022

Private roundtable, “Key Concepts for a Renewed U.S. National Cyber Strategy,” Atlantic Council, online, June 2022

Panelist, “Strategy and Statecraft in Cyberspace: A Workshop of the Center for Global Security Research,” Lawrence Livermore National Laboratory, online, May 2022

Panelist, “Artificial Intelligence and North Korea’s Cyber ‘All-Purpose Sword,’ ” Korea Economic Institute of America, online, March 2022

Panelist, “Cybersecurity: Is Seoul Ready for Pyongyang’s Latest Threat?,” Shorenstein Asia-Pacific Research Center, Stanford University, online, January 2022

Panelist, Harvard Belfer Center Conference on North Korea’s Cyber Threats, online, December 2021

Panelist, “Ransomware - Power, People, and Politics,” The Glasshouse Center, online, March 2021

Presentation, “Coercion in Cyberspace,” Harvard Belfer Center North Korea Cyber Working Group, online, March 2021

Panelist, “Cyber Espionage Targeting Security Researchers,” The Glasshouse Center, online, February 2021

Panelist, “Understanding North Korea’s Leap in Cyber Capabilities,” 2nd Annual Harvard Korean Security Summit, online, February 2021

Panel presentation, “Using Game Theory to Think About Responses to Ransomware,” George Washington University, online, April 2020

U.S. government briefing, 2019

Panel presentation, “Lessons from North Korea’s Cyber Operations,” Clingendael Institute, The Hague, Netherlands, March 2018

Panel presentation, “Understanding Asymmetric Warfare: Cyber Threats from Iran and North Korea,” sponsored by the American Foreign Policy Council, Rayburn House Office Building, Washington, DC, November 2017

U.S. government briefing, 2017

Panel presentation, “The Promises and Limits of North Korea’s Cyber Power,” The Brookings Institution, Washington, DC, September 2016

Presentation, “North Korea’s Emerging Cyber Threat,” School for International and Public Affairs (SIPA), Columbia University, February 2016

Panel presentation, “North Korea’s Emerging Cyber Threat,” Northeast Asia Regional Security Seminar, Pacific Forum CSIS, Seoul, South Korea, November 2015

Panel presentation, “North Korea’s Cyber Operations: Strategy and Responses,” CSIS, Washington, D.C., September 2015

U.S. government briefing, 2015

GRANTS AND HONORS

Grants

Ivan Allen College of Liberal Arts GEARS Grant (\$5,000), 2026

Georgia Tech Research Institute IRAD HIVES Grant (\$25,000), 2025-2026

Smith Richardson Foundation World Politics & Statecraft Fellowship (\$7,500), 2020

Prestage-Cook Travel Award, Southern Political Science Association (\$1,000), 2020

Columbia University, Dissertation Development Grant (\$2,500), 2019.

Security Studies Program (SSP), Summer Research Grant (\$2,000), 2015.

Smith Richardson Foundation (\$100,000), CSIS North Korea Cyber Operations Project, with Victor Cha, Jim Lewis, Scott LaFoy, and Ethan Sohn, 2014.

Academic Honors

Lynn S. Weiss Memorial Fellowship in Political Science, Columbia University, 2017-2018

Merit Scholarship, Georgetown University Security Studies Program, 2014-2016

Member, Pi Sigma Alpha, Georgetown University, 2012

Peter F. Krogh Scholar, recipient of the Krogh Medal, Georgetown University, 2010

John Carroll Fellows Forum, Georgetown University, 2009-2010

PROFESSIONAL EXPERIENCE

RAND Corporation *Arlington, VA*
2019
Summer Associate

Department of Political Science, Columbia University *New York, NY*
2018
Research Assistant for Jack Snyder and Tamar Mitts

Center for Strategic and International Studies (CSIS) *Washington, DC*
Team Leader, NK Cyber Strategy Project, Office of the Korea Chair 2014-2015
Research Intern 2010-2011

Delta Risk LLC *Arlington, VA*
Cybersecurity Consultant 2013-2014

TEACHING EXPERIENCE

Georgia Institute of Technology

INTA 4803/8803: Introduction to Game Theory (graduate)	2025-current
INTA 2120: Introduction to International Security (undergraduate)	2025-current
INTA 6122: Science, Technology, and National Security (graduate)	2025
INTA 4333: Korean Security Policy (undergraduate)	2025

Columbia University

POLS 1601: Introduction to International Politics (undergraduate)	
Teaching Fellow for Camara Silver	2022
Teaching Fellow for Alexander de la Paz	2022
Head Teaching Fellow for Bruce Cronin	2018
Teaching Fellow for Robert Jervis	2018
POLS 4895: War, Peace, and Strategy (graduate)	
Teaching Fellow for Richard Betts	2020
POLS 4730: Game Theory (graduate methods sequence)	
Teaching Fellow for John Huber	2020
Teaching Fellow for John Huber	2019
POLS 3290: Voting and American Politics (undergraduate)	
Teaching Fellow for Robert Erikson	2017

ADVISING

Ph.D. Dissertation Committee

Sanghyun Han (INTA)
Emili Sabanovic (INTA)
Kangkyu Lee (INTA)
Evgenia Sidorova (Public Policy)

REFERENCES

Jack Snyder

Robert and Renée Belfer Professor of International Relations
Columbia University
jls6@columbia.edu

Page Fortna

Harold Brown Professor of U.S. Foreign and Security Policy
Columbia University
vpf4@columbia.edu

Jason Healey

Senior Research Scholar in the Faculty of International and Public Affairs
Adjunct Professor of International and Public Affairs
Columbia University
jh3639@columbia.edu

Victor Cha

Professor and Vice Dean for Faculty and Graduate Affairs
D.S. Song-KF Endowed Chair in Government and International Affairs
Georgetown University
chav@georgetown.edu