

# JENNY JUN

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## EDUCATION

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### **Columbia University**

Ph.D. Candidate, Political Science current

M.Phil., Political Science 2019

M.A., Political Science 2017

*Dissertation: Essays on the Dynamics of Conflict in Cyberspace*

*Committee: Robert Jervis (chair), Jack Snyder, Page Fortna, Jason Healey*

### **Georgetown University, Security Studies Program (SSP)**

M.A., International Security 2016

### **Georgetown University, School of Foreign Service (BSFS)**

B.S., International Politics, *magna cum laude* 2012

Certificate in Asian Studies

## FELLOWSHIPS

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### **Cyber Statecraft Initiative, Atlantic Council**

Nonresident Fellow 2020-current

### **American Foreign Policy Council**

Junior Fellow 2018-2020

## WORKING PAPERS

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

“Defend Forward and Paths to Destabilization in Cyberspace”

“Will Artificial Intelligence (AI) Hone North Korea’s Cyber ‘All-Purpose Sword’?” with Scott Harold, Nathan Beauchamp-Mustafaga, and Diana Myers

## WORKS IN PROGRESS

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“To Defend or Deter? Intelligence Competition and Sharing Mutual Vulnerabilities in Cyberspace”  
with Nadiya Kostyuk

“Revisiting Theoretical Foundations for Persistent Engagement and Defend Forward”

## PUBLICATIONS

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### **Monographs**

Jun, Jenny, *Cyber Coercion: Insights from North Korea’s Cyber Campaigns*, International Institute for Strategic Studies (IISS), Forthcoming.

Jun, Jenny, *North Korean Influence Efforts on Social Media*, PR-4585-AF, Santa Monica, Calif:

RAND Corporation, Forthcoming.

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

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

### **Journal Article**

Beauchamp-Mustafaga, Nathan, and Jenny Jun, "Getting China to Sanction North Korea," *Yonsei Journal of International Studies*, 5(1), 2013. [Link](#)

### **Policy Writing**

"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, September 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](#)

## GRANTS AND HONORS

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### Grants

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

## TEACHING EXPERIENCE

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POLS4895: War, Peace, and Strategy (graduate)  
Teaching Assistant for Richard Betts 2020

POLS4730: Game Theory (graduate methods sequence)  
Teaching Assistant for John Huber 2020  
Teaching Assistant for John Huber 2019

POLS1601: Introduction to International Politics (undergraduate)  
Head Teaching Assistant for Bruce Cronin 2018  
Teaching Assistant for Robert Jervis 2018

POLS3290: Voting and American Politics (undergraduate)  
Teaching Assistant for Robert Erikson 2017

## PRESENTATIONS

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### **Academic Presentations**

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**

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

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

## MEDIA INTERVIEWS

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### **Ransomware**

Coda Story, September 2021; Konflikt Radio Sweden, August 2021; The Washington Times, July 2021

### **North Korea's Cyber Operations**

NK Pro, August 2021; The Diplomat, June 2021; NK Pro, April 2021; Voice of America (VOA), April 2021; "The Impossible State" CSIS podcast, March 2021; NK Pro, February 2021, Voice of America (VOA), August 2020; Radio Free Asia (RFA), August 2020; NK News, July 2020; RFA, July 2020; VOA, April 2020; VOA, April 2020; CNN Situation Room, February 2018

## PROFESSIONAL EXPERIENCE

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|   |   |
|---|---|
| RAND Corporation<br>Summer Associate  | <i>Arlington, VA</i><br>2019                    |
| Department of Political Science, Columbia University<br>Research Assistant for Jack Snyder and Tamar Mitts                                    | <i>New York, NY</i><br>2018                     |
| Center for Strategic and International Studies (CSIS)<br>Team Leader, NK Cyber Strategy Project, Office of the Korea Chair<br>Research Intern | <i>Washington, DC</i><br>2014-2015<br>2010-2011 |
| Delta Risk LLC<br>Cybersecurity Consultant  | <i>Arlington, VA</i><br>2013-2014               |

## SERVICE AND AFFILIATIONS

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|---|--------------|
| Board of Directors, Cyber Conflict Studies Association (CCSA) | current      |
| Harvard Belfer Center North Korea Cyber Working Group         | current      |
| RSA Conference Security Scholar (by nomination)               | 2020         |
| Digital Issues Discussion Group (DIDG)                        | 2017-current |
| Pacific Forum Young Leader                                    | 2017-current |
| Co-organizer, Bridging the Gap Workshop on Cyber Conflict     | 2016-2017    |
| President, The Sejong Society of Washington, D.C.             | 2015-2016    |

## REFERENCES

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### **Robert Jervis**

Adlai E. Stevenson Professor and Professor of International and Public Affairs  
Columbia University  
[rlj1@columbia.edu](mailto:rlj1@columbia.edu)

### **Jack Snyder**

Robert and Renée Belfer Professor of International Relations  
Columbia University  
[jls6@columbia.edu](mailto:jls6@columbia.edu)

**Jason Healey**

Senior Research Scholar in the Faculty of International and Public Affairs  
Adjunct Professor of International and Public Affairs  
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**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](mailto:chav@georgetown.edu)