

# Eric Jardine

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## Curriculum Vitae

Current as of May 31, 2019

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### Current positions

Assistant Professor (e-governance and cybersecurity), Department of Political Science, Virginia Polytechnic Institute and State University, August 2016 – Present.

- I research new technologies, crime and public policy, with a specific focus on measurement issues in cybersecurity and the uses and abuses of the Dark Web. I bring social science tools to the study of these problems in order to produce a theoretically informed and yet empirically grounded understanding of our new digital reality.

Senior Fellow, Centre for International Governance Innovation (CIGI), August 2016 – Present.

- Since the summer of 2016, I have been a non-resident Fellow at CIGI. In this capacity, I contribute in a number of ways to CIGI's wider work on cybersecurity and Internet governance. A primary part of this work includes overseeing the annual *CIGI/Ipsos Global Survey on Internet Security and Trust*. In 2018/19, I was also a co-investigator on a Canadian Department of Public Safety grant assessing the cybersecurity performance of Canadian Internet service providers.

### Education

*Doctorate of Philosophy in International Affairs*, Norman Paterson School of International Affairs, Carleton University, awarded May 2014.

- Nominated for the Senate Medal for Outstanding Academic Achievement, 2014
- Dissertation, *The Insurgent's Dilemma*. Committee: Chancellor's Professor Fen Osler Hampson (Chair), Professor Dane Rowlands, and Assistant Professor Jeremy Littlewood.

*Master of Arts in Political Science*, Carleton University, awarded May 2009.

*Bachelor of Arts (Honours) in Political Science*, University of Calgary, awarded May 2007.

## Publications

### Books

Eric Jardine [with Fen Hampson]. 2016. *Look Who's Watching: Surveillance, Treachery and Trust Online*. Waterloo: MQUP/ CIGI Press.

- Finalist for the 2017 Grawemeyer Award - World Order Section

### Peer-Reviewed Articles

Eric Jardine, Forthcoming. "The Case Against Commercial Antivirus Software: Risk Homeostasis and Information Problems in Cybersecurity." *Risk Analysis: An International Journal*.

Dan Geer, Eric Jardine and Eireann Leverett [Equal Authorship], (2020). "Three Theses on Market Concentration and Cybersecurity Risk." *Journal of Cyber Policy*, vol. 5, no. 1, 9-29.

Eric Jardine and Andrew Lindner, 2020. "The Dark Web and Cannabis Use in the United States: Evidence from a Big Data Research Design." *International Journal of Drug Policy*, vol. 76, 1-11.

Eric Jardine, 2019. "Online Content Moderation and the Dark Web: Policy Responses to Radicalizing Hate Speech and Malicious Content on the Darknet." *First Monday*, vol. 24, no. 12, 1-15. <https://firstmonday.org/ojs/index.php/fm/article/view/10266>

Eric Jardine, 2019. "The trouble with (supply-side) counts: the potential and limitations of counting sites, vendors or products as a metric for threat trends on the Dark Web." *Intelligence and National Security*, vol. 34, no. 1, 95-111.

Eric Jardine, 2018. "Tor, what is it good for? Political repression and the use of online anonymity-granting technologies." *New Media & Society*, vol. 20, no. 2, 435-452.

Eric Jardine, 2018. "Mind the denominator: towards a more effective measurement system for cybersecurity." *Journal of Cyber Policy*, vol. 3, no. 1, 116-139.

Eric Jardine. 2018. "Privacy, censorship, data breaches and Internet freedom: The drivers of support and opposition to Dark Web technologies," *New Media & Society*. Vol. 20, no. 8, 2824-2843.

Eric Jardine. 2017. "'Something is Rotten in the State of Denmark: Why the Internet's Advertising Business Model is Broken.'" *First Monday*, vol. 22, no. 7. Available at: <http://firstmonday.org/ojs/index.php/fm/article/view/7087>

Eric Jardine and Simon Palamar, 2015. "Numerous, Capable and Well-Funded Rebels: Insurgent Military Effectiveness and Deadly Attacks in Afghanistan," *Terrorism and Political Violence*, Vol. 27, no. 4, 628-656.

Eric Jardine and Simon Palamar, 2013. "From Medusa Past Kantolo: Assessing the Effectiveness of Canada's Enemy-Centric and Population-Centric Counterinsurgency Strategies," *Studies in Conflict and Terrorism*, Vol. 36, no. 7, 588-608.

Eric Jardine, 2012. "The Tacit Evolution of Coordination and Strategic Outcomes: Evidence from the Soviet War in Afghanistan," *Journal of Strategic Studies*, Vol. 35, no. 4, 541-572.

Eric Jardine, 2012. "Controlling Territory and Population During Counterinsurgency: State Security Capacity and the Costs of Power Projection," *Civil Wars*, Vol. 14, no.2, 228-253.

Eric Jardine, 2012. "Population-Centric Counterinsurgency and the Movement of Peoples," *Small Wars & Insurgencies*, Vol. 23, no. 2, 264-294.

Eric Jardine, 2011. "The Influence of Military Materiel on Tactics and Strategy in Counterinsurgency: The Case of British Malaya," *Defence Studies*, Vol. 11, no. 4, 636-656.

David Jardine, Rahat Naqvi, Eric Jardine, and Ahmad Zaidi [Third Author], 2013. "A Zone of Deep Shadow: Pedagogical and Familial Reflections on 'The Clash of Civilizations,'" *Interchange: A Quarterly Review of Education*, Vol. 41, no. 3, 1-24;

[Also published as a chapter in David Jardine, 2012. *Pedagogy Left in Peace: The Cultivation of Free Space in Teaching and Learning* (New York: Continuum Book), 23-42.]

Eric Jardine, 2009. "Why Time Works Against Counterinsurgency," *The Journal of Military and Strategic Studies*, Vol. 11, no. 4, 1-34.

### **Fully Peer-Reviewed Conference Papers**

Eric Jardine, 2017. "Sometimes Three Rights Really Do Make a Wrong: Measuring Cybersecurity and Simpson's Paradox," 16th Annual Workshop on the Economics of Information Security (WEIS), La Jolla, California. Available at: [http://weis2017.econinfosec.org/wp-content/uploads/sites/3/2017/07/WEIS\\_2017\\_paper\\_18.pdf](http://weis2017.econinfosec.org/wp-content/uploads/sites/3/2017/07/WEIS_2017_paper_18.pdf)

### **Refereed Policy Papers**

Eric Jardine, 2019. "Beware Fake News: How Influence Operations Challenge Liberal Democratic Governments," *Governing Cyberspace during a Crisis in Trust*, Centre for International Governance Innovation (CIGI), 1-12.

Eric Jardine, 2015. "The Dark Web Dilemma: Tor, Anonymity and Online Policing?" *Global Commission on Internet Governance Paper Series*, No. 21, 1-24.

Sam Bradshaw, Laura DeNardis, Fen Hampson, Eric Jardine, and Mark Raymond [equal authorship], 2015. "The Emergence of Contention in Global Internet Governance." *Global Commission on Internet Governance Paper Series*, No. 17, 1-28.

Eric Jardine, 2015. "Global Cyberspace is safer than you Think: Real Trends in Cybercrime." *Global Commission on Internet Governance Paper Series*, No. 16, 1-32.

Eric Jardine, 2011. "City Gods and Village Deities: The Urban Bias in Counterinsurgency Operations," *Military Review*, 53-61. [Cover Feature Article]

Eric Jardine, 2011 "The Requirements of Success: NATO's Force Posture and the New Strategic Concept," *The Canadian Military Journal*, Vol. 11, no. 3, 22-31;

[Also published as Eric Jardine, 2010. "Wars of Volition and Wars of Need: NATO's Force Posture and the Commitment to Battle," *A New Strategic Concept for NATO* (Toronto: Atlantic Council of Canada, 87-103.)]

Eric Jardine, 2010. "The Insurgent's Response to the Defense of Cities," *Parameters*, Vol. 40, no. 3, 103-117.

### **Peer-Reviewed Book Chapters**

Eric Jardine, (forthcoming). "Weed and The Dark Web in the United States." In James Hawdon, Matthew Costello, and Bryan Lee Miller, eds. *Marijuana in America: Cultural, Political, And Medical Controversies*. Santa Barbara, CA: ABC-CLIO.

Eric Jardine, (forthcoming). "Taking the Growth of the Internet Seriously When Measuring Cybersecurity". In Laura DeNardis, Derrick Cogburn, Nanette Levinson, eds. *Internet Governance Research Methods*. MIT Press (in press).

Eric Jardine, (forthcoming). "Optimizing Cyber Deterrence." *The Cyber Deterrence Problem*, Aaron Brantly, ed. Roman & Littlefield (in press).

Eric Jardine, 2016. "A Continuum of Internet-Based Crime: How the Effectiveness of Cybersecurity Policies Varies across Cybercrime Types." in F. Xavier Olleros and Majlinda Zhegu (eds.) *Research Handbook on Digital Transformations*. Northampton, MA: Edward Elgar, 421-444.

Eric Jardine, 2009. "The Weight of History in NATO's Future Course: A Critical Analysis of Vertical and Horizontal Danger," in Sabrina Hoque (ed.) *Geopolitics Versus Global Governance: Reinterpreting International Security*. (Halifax: Centre for Foreign Policy Studies), 110-131.

### **Non-Refereed Papers**

Eric Jardine [second author] and Dan Geer, 2017. "Cybersecurity Workload Trends." ;Login:, vol 42, no. 1, 63-66.

Eric Jardine, 2013. "Indigenous Security Forces, Counterinsurgent Control, and Green-on-Blue Attacks: Explaining Why 'Insider' Violence has Risen in Afghanistan," *Joint Force Quarterly*, Vol. 71, 79-83.

Eric Jardine [second author] and Simon Palamar, 2012. "Does Canada Need a New Asia Policy?" *Canadian Foreign Policy Journal*, Vol. 18, no. 3, 251-263. Special issue introduction.

Eric Jardine, 2010. "Urban Bias in Counterinsurgency Operations: The Historical Success of Rural Insurgencies," *On Track*, Vol. 15, no. 2, 25-28.

Eric Jardine, 2010. "Counterinsurgency Warfare and Decisive Engagements: Combating the Mobility of Insurgencies through the Provision of Greater Arms," *SITREP*, Vol. 70, no. 2, 3-6, 13.

Eric Jardine, 2010. "Buying the Enemy: Demobilization Programs in the Midst of Counterinsurgency," *Small Wars Journal*, Vol. 6, no. 3, 1-12.

Eric Jardine, 2009. "Ukrainian-Russia Relations Set to Improve," *Ukraine Analyst*, Vol. 2, no. 8, 5-6.

Eric Jardine, 2009. "Strategy and Symbiosis: The Role of Time during Counterinsurgency," *Strategic Datalink*, No. 14, 1-6.

Eric Jardine, 2008-2009. "Domestic Experience and its Effects on Democracy Promotion," *Innovations: A Journal of Politics*, Vol. 8, 86-98.

Eric Jardine, 2008. "Europe's Aggregation of Power: The Need and Desire to Influence International Politics," *The Flinders Journal of History and Politics*, Vol. 25, 17-38.

### **Works Under Review**

Kerry Krutilla, Alexander Alexeev, Eric Jardine, and David Goode, 2020. "Cybersecurity Investment from an Intertemporal Perspective: A Dynamic Gordon and Loeb Model." (Revise and resubmit).

Michael Chertoff and Eric Jardine, 2020. "Policing the Dark Web with Network Investigative Techniques: The Legal Challenges Evident in the 2015 Playpen Case." (Under review).

Eric Jardine, Andrew Lindner, Gareth Owenson, 2020. "The Dark Web and Political Conditions: Measuring the Harms and Benefits of Tor Globally." (Under review)

### **Works in Preparation (Drafts available upon request)**

Eric Jardine, 2020. "Blame the Messenger: Perceived Fake News Exposure and Perceptions of Algorithmic Bias."

Eric Jardine and Nathaniel Porter, 2020. "Pick Your Poison: The Attribution Paradox in Cyberwar." [www.osf.io/preprints/socarxiv/etb72/](http://www.osf.io/preprints/socarxiv/etb72/)

Fen Hampson, Eric Jardine and Dane Rowlands. "The Political Economy of Good and Evil: Why the Dark Web Still Exists."

## Grants Activity

**Career Total: (\$578,119 USD & \$518,300 CAD)**

### Charitable Gifts to the University

**Total Secured Funds: [\$467,000 USD]**

“Threat Analysis Platform.” Twenty-One Software Licenses donated to College of Liberal Arts and Human Sciences (CLAHS) and Virginia Tech, 2019. Donated by *Bluestone Analytics*. [In-Kind value: \$462,000 USD]

### Research Grants

**Total Secured Funds: [\$518,300 CAD & \$118,619 USD]**

Collaborator [With Fen Hampson, PI], “The Paradox of Digital Trust.” SSHRC Insight Grant, 2020-2024 [\$323,000 CAD]

Principal Investigator, “Attribution in Cyber War.” CLAHS Niles Grant, 2019-2020 [\$5,000 USD]

Principal Investigator, “Public Perceptions of the Dark Web in Drug Related Cases.” ISCE Unsolicited Grant 2019-2020 [\$7,500 USD]

Principal Investigator, “Incrementally Tailoring a Better Cyber Risk Score.” Comcast Innovation Fund, 2019-2020 [\$65,149 USD]

Co-Investigator, “Measuring the Cybersecurity Performance of Canadian Internet Service Providers and Assessing Canada’s Network-Level Operations Risk Profile: Lessons for Decision Makers and the General Public.” Department of Public Safety, Canada, 2017-2019. [\$174,000 CAD]

Principal Investigator, “The Dark Web and Its Implications for Policy.” Integrated Security Destination Areas, 2018 [\$5,000.00 USD]

Principal Investigator, “The Dark Web and Its Implications for Policy.” Office of Vice President National Capital Region, Virginia Tech, 2018 [\$7,500.00 USD]

Principal Investigator, “The Dark Web and Its Implications for Policy.” Provost Mentoring Grant, 2018 [\$1,500 USD]

Principal Investigator, “Context Matters: How an End User’s Incentives Shapes their Online Behavior.” Scholar’s Program, Institute for Society, Culture and the Environment, Virginia Tech, 2016-2017. [\$22,970.00 USD]

Principal Investigator, “Context Matters.” *Niles Research Grant, College of Liberal Arts and Human Sciences, Virginia Tech, 2016-2017. [\$4,000.00 USD]*

Co-Investigator, "Canada and Asia: Building a New Policy Agenda." Social Science and Humanities Research Council (SSHRC), 20-21 February 2012, Special Project Grant [\$12,500 CAD]

Co-Investigator, "Canada and Asia: Building a New Policy Agenda." *Security and Defence Forum Special Project Grant, 20-21 February 2012, Special Project Grant [\$8,800 CAD]*

### **Educational/Curricular Grants**

#### **Total Secured Funds: [\$10,000 USD]**

Principal Investigator, “The Dark Web Course (PSCI) and ISERC (NCB 170) Technology.” High Impact Project Grant, Center for Excellence in Teaching and Learning, 2019. [\$10,000 USD]

### **External Graduate Scholarships**

#### **Total Offered Funds: [\$110,000 CAD]**

*Ontario Graduate Scholarship, 2013-2014. [\$15,000 CAD]*

*Social Science and Humanities Research Council (SSHRC), Doctoral Fellowship, 2012-2013. [\$20,000 CAD]*

*Ontario Graduate Scholarship, 2012-2013. Declined. [\$15,000 CAD]*

*Department of National Defence – Security and Defence Forum (SDF) PhD Scholarship, 2011-2012. [\$20,000 CAD]*

*Ontario Graduate Scholarship, 2011-2012. Declined. [\$15,000 CAD]*

*Ontario Graduate Scholarship, 2010-2011. [\$15,000 CAD]*

*Department of National Defence – Security and Defence Forum (SDF) MA Scholarship, 2008-2009. [\$10,000 CAD]*

## **Public Speaking Events**

### **Invited Presentations**

Eric Jardine. “The Dark Web and You – Placing the Anonymous Internet in the Cyber Attack Cycle.” CEO Global Network/Mackenzie Institute Speaker Series, May 27, 2020.

Eric Jardine. “Policing the Dark Web: A Futile Undertaking?” Cyber Intelligence Lecture Series, New College Institute, Martinsville, Virginia, May 11, 2020.

Eric Jardine. “Three Provocative Measures of Cybersecurity Trends.” IEEE: Baltimore Chapter. Baltimore, Maryland, January 21, 2020.

Eric Jardine. "An Introduction to the Dark Web." Cyber Intelligence Lecture Series, New College Institute, Martinsville, Virginia, Sept 10, 2019.

Eric Jardine. "Growing Trust Deficits Online – Implications and Responses." UNCTAD e-Commerce Week. United Nations, Geneva, Switzerland, April 1, 2019.

Eric Jardine. "The Dark Web and Crime in America." University of Calgary, Department of Political Science, October 19, 2018.

Eric Jardine. "Unpacking the Dark Web." Valley TechCon, Harrisonburg, Virginia, September 28, 2018.

Eric Jardine. "Aggregate Cybersecurity Trends and Simpson's Paradox." *S2ERC State of Cybersecurity Conference*, Georgetown, DC. September 20, 2018.

Eric Jardine. "Dark Web Markets and Cryptocurrencies." *Understanding The Dark Web and Its Implications for Policy*, Washington D.C. May 18, 2018.

Eric Jardine. "A Pragmatic Approach to Online Privacy." *TEDx YYC*. June 22, 2018.

Eric Jardine. "4th Global Survey of Internet Users." UNCTAD e-Commerce Week. United Nations, Geneva, Switzerland, April 16, 2018.

Eric Jardine. "Look Who's Watching: Surveillance, Treachery and Trust Online." *CIGI Speaker Series*. CIGI, February 23, 2018.

Eric Jardine. "Cryptocurrencies and Dark Web Illegal Markets," *Money-Laundering, Cryptocurrencies & Cyber-Security*. MacKenzie Institute, November 16, 2017.

Eric Jardine. "Measurement for Description and Prescription in Cybersecurity Data," *Research Methods Workshop*, American University, March 20, 2017.

Eric Jardine. "The Dark Web Dilemma: Some Challenges and Ways Forward for Policymakers." A Hume Center Presentation, October 26, 2016.

Eric Jardine. "Trust and the Internet," *High-level Expert Framing Workshop on Trust in the Digital Economy*, Microsoft Policy and Innovation Center, Washington, D.C, October 20, 2016.

Eric Jardine. "The Dark Web." Co-hosted by the *Royal Canadian Military Institute and the Pillar Society*, May 17, 2016. Available at: <https://www.youtube.com/watch?v=1qJJbuYhGrA>

Eric Jardine. "The Dark Web Dilemma: Tor, Anonymity and Online Policing." *Conectados para Protegerlos*, February 3, 2016. Hosted by The Colombian Hotline Te Protejo, member of the INHOPE Foundation.

Eric Jardine. "The Dark Web and Public Policy," Government of Canada Fusion Workshop, November 25, 2015. Hosted by Conference Board of Canada.



## Conference and Workshop Presentations

Eric Jardine. "Sometimes Three Rights Really Do Make a Wrong: Measuring Cybersecurity and Simpson's Paradox." *Ostrom Workshop Colloquium on Cybersecurity and Internet Governance*, April 26-27, 2017.

Eric Jardine, "Tor, What is it Good For? Political Rights and Anonymity Granting Technologies." Paper presented at the International Studies Association Annual Convention, New Orleans, February 18-21, 2015.

Eric Jardine, "Tor, What is it Good For? Political Rights and Anonymity Granting Technologies." Paper presented at the Citizen Lab's Summer Institute, Toronto, July 28-31.

Eric Jardine, "Making the People Support You: How and Why Rebel Groups Obtain Popular Support." Paper presented at the International Studies Association Annual Convention, March 26-29, 2014.

Eric Jardine and Simon Palamar, "Medusa to Kantolo: Assessing the Effectiveness of Canada's Counterinsurgency in Kandahar." Presentation at the Centre for International Defence Policy, Queen's University, February 11, 2013.

Eric Jardine and Simon Palamar, "Plentiful, Hale, and Hearty Insurgents: The Empirical Determinants of Deadly Insurgent Attacks in Afghanistan." Conference Presentation at the Midwest Political Science Association (MSPA), April 14, 2012.

Eric Jardine, "Power Projection, Force and Roads: A Model of State Security Capacity and Territorial Control in the Afghan Insurgency." Conference presentation at the 9th Annual CIPSS Graduate Conference: entitled, Revisiting Security, Conflict, and Development 10 Years After 9/11, April 15, 2011.

Eric Jardine, "Population-Centric Counterinsurgency and the Movement of Peoples." Conference presentation at the 13<sup>th</sup> Annual Conference of Defence Associations Institute: entitled, Canada's Security Interests, October 29-30, 2010. [Honourable Mention].

Eric Jardine, "Wars of Volition and Wars of Need: NATO's Force Posture and the Commitment to Battle." Conference presentation at the Atlantic Council of Canada's Annual Fall Conference: entitled, Crafting NATO's New Strategic Concept, November 24, 2009.

Eric Jardine, "Embracing the Face of Battle: NATO's New Strategic Concept and the Return of Strategic Direction." Conference presentation at the 12th Annual Conference of the Defence Associations Institute: entitled, Canada's National Security Interests, October 30-31, 2009.

Eric Jardine and David Jardine, "A Zone of Deep Shadow." Conference presentation at the 4th Biennial Provoking Curriculum Studies Conference: entitled, An Uncommon Countenance: Provoking Past, Present, and Future Perspectives within Canadian Curriculum Studies, May 21-22, 2009.

Eric Jardine, "Civil-Military Relations in the Post-Soviet Sphere: Why the Military has Remained Duly Beholden." Conference presentation at the 7th Annual REGIS Graduate Student Conference:

entitled, 20 Years of Unipolarity Reflections on Regional and Global Security, April 4, 2009. [Awarded a prize for distinguished graduate student research].

Eric Jardine, “The Binding Effect of Time in the Conduct of Counterinsurgency: a Paradoxical inversion of the Principle of Attrition,” Conference Presentation at the 11th Annual Strategic Studies and Security Consortium (S3C): entitled, New Strategies for Security: Emergent and Innovative Thought in Security and Defence Studies, March 12-14, 2009. [Awarded a third place prize for academic excellence].

Eric Jardine, “The Weight of the Past in NATO’s Future Course: a Critical Analysis of Vertical and Horizontal Danger.” Conference Presentation at the 4th Annual Dalhousie Graduate Student Symposium: entitled, Geopolitical vs. Global Governance: Reinterpreting International Security, March 5 to 6, 2009

Eric Jardine, “On the Difference of Means and the Origins of Different Wars.” Conference Presentation at the 11th Annual Conference of the Defence Associations Institute: entitled, Canada’s National Security Interests, October 31-November 1, 2008.

### **Podcasts and Tedx Talks**

Eric Jardine, “Cyber Crime,” Inside the Issues, CIGI Podcast, January 20, 2016.  
[https://www.youtube.com/watch?v=xPF3W\\_T5-MQ](https://www.youtube.com/watch?v=xPF3W_T5-MQ)

Eric Jardine, “The Dark Web: Organized Cyber Crime & the Online Black Market,” The Conference Board of Canada, April 13, 2016, Recorded Webinar.  
<http://www.conferenceboard.ca/e-Library/abstract.aspx?did=7763&AspxAutoDetectCookieSupport=1>

Eric Jardine, “Episode 5,” Cyentia Podcast, October 27, 2017. <http://cyentia.libsyn.com/episode-5-eric-jardine>

Eric Jardine, “The Dark Web Dilemma.” *TedX YYC*, June 22, 2018.  
<https://www.youtube.com/watch?v=207RADPj7f8>

### **Media Appearances**

I have spoken to the media or published op-eds on timely issues about the Dark Web, cybersecurity and crime, privacy and Internet governance in the following outlets: Canadian Broadcast Corporation (CBC); Canadian Television (CTV); Business News Network (BNN); Cyberlaw and Business Report; Globe and Mail; National Post; Wired; Wired UK; FiveThirtyEight.

## **Course Development, Teaching, and Advising**

### **New Course Development at Virginia Tech**

1. The Politics of Internet Governance (PSCI/IS 3044)
2. The Politics of Cybersecurity (PSCI/IS 4074)
3. The Dark Web and Threat Analytics (PSCI/IS 3054)

## **Teaching at Virginia Tech**

1. Fall 2016 – Strategies of Modern Warfare (PSCI 3136/IS 3136)
2. Spring 2017 - Senior Seminar in Policy Analysis: Some Issues in Cyber Policy (PSCI 4714)
3. Spring 2017 – Advanced Topics in Information Technology and Public Policy (PSCI 5454)
4. Fall 2017 – Strategies of Modern Warfare (PSCI 3136/IS 3136).
5. Fall 2017 - Seminar in Diplomacy and Security/E-Governance (PSCI 4024/IS 4024 & PSCI 5374 (GIA 5374)
6. Spring 2018 – Seminar Int Studies (IS 4004);
7. Spring 2018 - SS: Politics of Cybersecurity (PSCI 4984);
8. Fall 2018 – Social, Cultural, and Political Networks (PSCI 5444)
9. Fall 2018 – The Politics of Internet Governance (PSCI 3044).
10. Spring 2019 – The Dark Web and Threat Analytics (PSCI/IS 3054)
11. Spring 2019 – Complex Collective Decision-making (PSCI 4984/5984).
12. Fall 2019 – Research Leave

## **Graduate Student Advising**

1. Aislinn McCann, Policy, Planning and Governance, PhD, Chair
2. Roberto Franco, School of Agriculture, PhD, Committee Member
3. Nastaran Khalili, Industrial and Systems Engineering, PhD, Committee Member
4. Benjamin F Louis, Policy, Planning and Governance, PhD, Committee Member
5. Max Morrison, Political Science, MA, Committee member
6. Kelsey J Gustafson, Political Science, MA, Committee Member
7. Grace Wheaton, Political Science, MA, Committee Member

## **Service**

### **Service to the Discipline**

Editorial Board: *New Media & Society*, 2019 to Present

Journal peer reviewer: *Canadian Foreign Policy Journal*; *New Media & Society*; *Journal of Cyber Policy*; *First Monday*; *Politics and Governance*; *Convergence*.

University Press peer reviewer: MIT University Press.

### **Service to the Department**

Experiential Learning Committee, Spring 2020 to Present

Alumni Relations Committee, Fall 2019 to Present

Graduate Curriculum Committee, Fall 2017 to Fall 2019

Departmental Executive Committee, Fall 2017 to Spring 2018

Commencement Committee, Fall 2016 to Spring 2017

## **Search Committees**

Cybercrime and Cybercriminology position, Department of Sociology, Virginia Tech, 2019

Integrate Security Position, Department of Political Science, Virginia Tech, 2017

## **Additional Professional Experience and Employment**

*Senior Fellow*, Centre for International Governance Innovation (CIGI), August 2016 – Present

*Research Fellow*, Centre for International Governance Innovation (CIGI), May 2014 – July 2016.

*Teaching Assistant*, Carleton University, assisted Professor Dane Rowlands, INAF 5205 - Economics of Conflict, January 2014 - May 2014

*Sessional Instructor*, Royal Military College of Canada, POE 116 - Introduction to International Relations, September 2013 - December 2013

*Sessional Instructor*, St. Paul University, ECS 3125 - The Peaceful Resolution to Violent Conflict, September 2013 - December 2013

*Sessional Instructor*, Carleton University, INAF 3000 - Policy in a Global Context, September 2013 - December 2013

*Teaching Assistant*, Carleton University, assisted Professor Dane Rowlands, INAF 5205 - Economics of Conflict, January 2013 - May 2013

*Sessional Instructor*, Carleton University INAF 4101 - Special Topics in International Affairs: Civil War, Insurgency, and Counterinsurgency in the Contemporary World, September 2012 - December 2012

*Doctoral Research Fellow*, Centre for Defence and Security Studies, Carleton University August 2010 – April 2012

*Research Assistant*, Carleton University, assisted Chancellor's Professor Fen Hampson, September 2009 – May 2010

*Assistant Editor and Marketing Coordinator*, Ukraine Analyst, September 2009 – March 2010

*Research Assistant*, Professor Antonio Franceschet, University of Calgary, September 2006 – April 2007

## **Professional Development Courses**

Certificate in Fundamentals of University Teaching, Carleton University, 6 July through 2 August, 2012.