

## CURRICULUM VITAE

### PERSONAL INFORMATION

- Current Position: Senior Research Associate at the Citizen Lab, Munk School of Global Affairs & Public Policy at the University of Toronto
- Citizenship: Canadian
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### EDUCATION

- University of Victoria, 2008 – 2014. PhD in Political Science. Dissertation: *The Politics of Deep Packet Inspection: What Drives Surveillance by Internet Service Providers?* Advisor: Dr. Colin Bennett.
- University of Guelph, 2006 – 2007. Master's Program in Philosophy. Thesis: *Technology, Communication, and Western Pluralistic Democracies: Realigning Privacy to Facilitate Citizen-Solidarity*. Advisor: Dr. Omid Payrow Shabani.
- University of Guelph, 2001 – 2006. Bachelor of Arts Honours. Thesis: *Sovereignty and Solidarity: Exploring the Citizen-Sovereign Relationship in Kant and Habermas*. Advisor: Dr. Omid Payrow Shabani.

### RESEARCH INTERESTS

- Surveillance, Security, and Privacy Studies
- Comparative public policy and regulation
- Comparative politics
- Internet governance

### PUBLICATIONS

#### *Journal Articles*

- Crete-Nishihata, Masashi; Oliver, Joshua; Parsons, Christopher; Walker, Dawn; Tsui, Lokman; and Deibert, Ronald. (2020). "The Information Security Cultures of Journalism," *Digital Journalism* 8(8). Available at: <https://www.tandfonline.com/doi/full/10.1080/21670811.2020.1777882>.
- Parsons, Christopher; and Molnar, Adam. (2017). "Government Surveillance Accountability: The Failures of Contemporary Canadian Interception Reports," *Canadian Journal of Law and Technology* 16(1). Available at: <https://ojs.library.dal.ca/CJLT/article/view/9007>.

- Parsons, Christopher. (2017). “The (In)effectiveness of Voluntarily Produced Transparency Reports,” *Business & Society*. Available at: <http://journals.sagepub.com/doi/full/10.1177/0007650317717957>.
- Molnar, Adam; Parsons, Christopher; and Zoauve, Erik. (2017). “Computer network operations and ‘rule-with-law’ in Australia,” *Internet Policy Review* 6(1). Available at: <https://policyreview.info/articles/analysis/computer-network-operations-and-rule-law-australia>.
- Parsons, Christopher. (2015). “Beyond Privacy: Articulating the Broader Harms of Pervasive Mass Surveillance,” *Media and Communication* 3(3). Available at: <http://www.cogitatiopress.com/ojs/index.php/mediaandcommunication/article/view/263>
- Hiltz, Andrew; and Parsons, Christopher. (2014). “Enabling Citizens’ Right to Information in the 21<sup>st</sup> Century,” *The Winston Report*, Fall 2014.
- Bennett, Colin; Parsons, Christopher; and Molnar, Adam. (2014). “Real and Substantial Connections: Enforcing Canadian Privacy Laws Against American Social Networking Companies,” in *Journal of Law, Information & Science*. Available at: [http://www.jlisjournal.org/abstracts/bennett\\_etAl.23.1.html](http://www.jlisjournal.org/abstracts/bennett_etAl.23.1.html)
- McPhail, Brenda; Parsons, Christopher; Ferenbok, Joseph; Smith, Karen; and Clement, Andrew. (2013). “Identifying Canadians at the Border: ePassports and the 9/11 legacy,” in *Canadian Journal of Law and Society* 27(3). Available at: <http://muse.jhu.edu/journals/jls/summary/v027/27.3.mcphail.html>
- Parsons, Christopher; Savirimuthu, Joseph; Wipond, Rob; and McArthur, Kevin. (2012). “ANPR: Code and Rhetorics of Compliance,” in *European Journal of Law and Technology* 3(3). Available at: <http://ejlt.org/article/view/164/256>
- Parsons, Christopher. (2012). “Unpacking the Potential Costs of Bill C-30,” in *Canadian Privacy Law Review* 9(6).
- Parsons, Christopher. (2011). “(Un)Lawful Access: Its Potentials and its Lack of Necessity,” *The Winston Report* 5(2).
- Parsons, Christopher. (2010). “Digital Inflections: Post-Literacy and the Age of Imagination,” in *CTheory*. Available at: <http://ctheory.net/articles.aspx?id=674>
- Parsons, Christopher. (2010). “Moving Across the Internet: Code-Bodies, Code-Corpses, and Network Architecture,” in *Code Drift*, special issue of *CTheory*. Available at: <http://ctheory.net/articles.aspx?id=642>

### *Contributed Chapters*

- Parsons, Christopher; and Molnar, Adam. (2021). “Horizontal Accountability and Signals Intelligence: Lesson Drawing from Annual Electronic Surveillance Reports,” David

Murakami Wood and David Lyon (Eds.), *Big Data Surveillance and Security Intelligence: The Canadian Case*.

- Parsons, Christopher. (2020). “Law Enforcement and Security Agency Surveillance in Canada: The Growth of Digitally-Enabled Surveillance and Atrophy of Accountability,” in Harold Jansen and Tamara Small (Eds.), *Digital Politics in Canada*.
- Molnar, Adam; and Parsons, Christopher. (2016). “Unmanned Aerial Vehicles (UAVs) and Law Enforcement in Australia and Canada: governance through ‘privacy’ in an era of counter-law?,” Kevin Walby, Randy K. Lippert, Ian Warren and Darren Palmer (eds.), *National Security, Surveillance, and Emergencies: Canadian and Australian Sovereignty Compared* (McGill-Queen’s University Press).
- Parsons, Christopher. (2015). “Beyond the ATIP: New methods for interrogating state surveillance,” Jamie Brownlee and Kevin Walby (eds.), *Access to Information and Social Justice* (Arbeiter Ring Publishing).
- Parsons, Christopher; Bennett, Colin; and Molnar, Adam. (2015). “Privacy, Surveillance, and the Democratic Potential of the Social Web” in Beate Roessler and Dorota Mokrosinksa (Eds.), *The Social Dimensions of Privacy* (Cambridge University Press).
- Parsons, Christopher. (2015). “Stuck on the Agenda: Drawing lessons from the stagnation of ‘lawful access’ legislation in Canada,” Michael Geist (ed.), *Law, Privacy and Surveillance in Canada in the Post-Snowden Era* (Ottawa University Press).
- Bennett, Colin; Parsons, Christopher; and Molnar, Adam. (2014). “Forgetting and the right to be forgotten” in Serge Gutwirth et al. (Eds.), *Reloading Data Protection: Multidisciplinary Insights and Contemporary Challenges* (Springer).
- Bennett, Colin; and Parsons, Christopher. (2013). “Privacy and Surveillance: The Multi-Disciplinary Literature on the Capture, Use, and Disclosure of Personal Information in Cyberspace” in W. Dutton (Ed.), *Oxford Handbook of Internet Studies* (Oxford University Press).
- Parsons, Christopher. (2013). “Sex, Lies, and Digital Media: How Social Surveillance Threatens Communities” in J. Greenberg and C. D. Elliott (Eds.), *Communication in Question: Competing Perspectives on Controversial Issues in Communications Studies (Second Edition)*.
- Parsons, Christopher. (2011). “Is Your ISP Snooping On You?” in M. Moll and L. R. Shade (Eds.), *The Internet Tree: The State of Telecom Policy in Canada 3.0*.
- Parsons, Christopher; Ly, Alexander; Anderson, Steve; and Sinnott, Shea. (2011). “The Open Internet: Open for Business and Economic Growth” in S. Anderson and R. Yeo (Eds.), *Casting An Open Net: A Leading-Edge Approach to Canada’s Digital Future*.

- Israel, Tamir; Faassen, Mark; Parsons, Christopher; and Cusack McDonald, Jacqueline. (2011). “The Technical Case for Openness” in S. Anderson and R. Yeo (Eds.), *Casting an Open Net: A Leading-Edge Approach to Canada’s Digital Future*.

## *Popular Articles*

- Parsons, Christopher. (2021). “Time for a renovation of Canada’s privacy laws,” *Hill Times*, October 2021. Available at: <https://www.hilltimes.com/2021/10/27/time-for-a-renovation-of-canadas-privacy-laws/324467>.
- Parsons, Christopher. (2021). “The new security research rules threaten universities’ ability to be open and inclusive,” *Globe and Mail*, July 2021. Available at: <https://www.theglobeandmail.com/opinion/article-the-new-security-research-rules-threaten-universities-ability-to-be/>.
- Parsons, Christopher. (2020). “Equity, inclusion and Canada’s COVID Alert app,” *First Policy Response*, August 2020. Available at: <https://policyresponse.ca/equity-inclusion-and-canadas-covid-alert-app/>.
- Gold, Josh; Parsons, Christopher; and Poetranto, Irene. (2020). “Canada’s Scattered and Uncoordinated Cyber Foreign Policy: A Call for Clarity,” *Just Security*, August 2020. Available at: <https://www.justsecurity.org/71817/canadas-scattered-and-uncoordinated-cyber-foreign-policy-a-call-for-clarity/>.
- Parsons, Christopher; and Gold, Josh. (2020). “A Deep Dive into Canada’s Overhaul of Its Foreign Intelligence and Cybersecurity Laws,” *Just Security*, June 2020. Available at: <https://www.justsecurity.org/70519/a-deep-dive-into-canadas-overhaul-of-its-foreign-intelligence-and-cybersecurity-laws/>.
- Parsons, Christopher; and Molnar, Adam. (2020). “Stalkerware puts those living with abusers in even greater jeopardy during COVID-19 isolation,” *CBC (Opinion)*, May 2020. Available at: <https://www.cbc.ca/news/opinion/opinion-stalkerware-abuse-covid-isolation-phones-1.5556379>.
- Parsons, Christopher. (2020). “Contact tracing must not compound historical discrimination,” *Policy Options*, April 2020. Available at: <https://policyoptions.irpp.org/magazines/april-2020/contact-tracing-must-not-compound-historical-discrimination/>.
- Israel, Tamir; and Parsons, Christopher. (2019). “Government’s encryption proposal will undermine public safety,” *Toronto Star*, August 2019. Available at: <https://www.thestar.com/opinion/contributors/2019/08/28/governments-encryption-proposal-will-undermine-public-safety.html>.

- Parsons, Christopher; and Gill, Lex. (2018). “Hard Questions For Canada’s Most Secret Agency,” *Canadian Journalists for Free Expression*, April 2018. Available at: [https://www.cjfe.org/hard\\_questions\\_for\\_canada\\_s\\_most\\_secret\\_agency](https://www.cjfe.org/hard_questions_for_canada_s_most_secret_agency).
- Parsons, Christopher; and Israel, Tamir. (2016). “RCMP is overstating Canada’s ‘surveillance lag,’” *Toronto Star*, November 2016. Available at: <https://www.thestar.com/opinion/commentary/2016/11/21/rcmp-is-overstating-canadas-surveillance-lag.html>.
- Parsons, Christopher. (2016). “The Limits of Tower Dump Privacy Protections,” *PEN Canada*, February 2016. Available at: <http://pencanada.ca/blog/the-limits-of-tower-dump-privacy-protections/>
- Parsons, Christopher; and Israel, Tamir. (2016). “Why We Need to Re-evaluate How We Share Intelligence Data With Allies,” *Just Security*, February 2016. Available at: <https://www.justsecurity.org/29138/reevaluate-share-intelligence-data-allies/>
- Parsons, Christopher. (2015). “Restoring Accountability For Telecommunications Surveillance In Canada,” *The Mackenzie Institute*, August 2015. Available at: <http://www.mackenzieinstitute.com/restoring-accountability-telecommunications-surveillance-canada/>
- Parsons, Christopher. (2015). “Canadian Signals Intelligence Requires Parliamentary Review,” *The Mackenzie Institute*, May 2015. Available at: <http://www.mackenzieinstitute.com/canadian-signals-intelligence-requires-parliamentary-review/>
- Parsons, Christopher. (2015). “Canada has a spy problem,” *National Post*, May 2015. Available at: <http://news.nationalpost.com/full-comment/christopher-parsons-canada-has-a-spy-problem>
- Parsons, Christopher. (2015). “Raising the Digital Curtain: Spotlight Needed on Canada’s Surveillance Culture,” *Canadian Dimension* 49(2).

### *Reports*

- Ballard, Benjamin; Cutinha, Amanda; and Parsons, Christopher. (2021). “Pandemic Privacy: A Preliminary Analysis of Collection Technologies, Data Collection Laws, and Legislative Reform during COVID-19,” *Citizen Lab*. Available at: <https://citizenlab.ca/2021/09/pandemic-privacy-collection-technologies-data-collection-laws-and-legislative-reform-during-covid-19/>.
- Parsons, Christopher. (2021). “Canada’s Proposed Privacy Law Reforms Are Not Enough: A Path to Improving Organizational Transparency and Accountability,” *Citizen Lab*. Available at: <https://citizenlab.ca/2021/04/canadas-proposed-privacy-law-reforms-are-not-enough-improving-organizational-transparency-and-accountability-bill-c11/>.

- Parsons, Christopher. (2020). “Huawei & 5G: Clarifying the Canadian Equities and Charting a Strategic Path Forward,” *Citizen Lab*. Available at: <https://citizenlab.ca/2020/12/huawei-5g-clarifying-the-canadian-equities-and-charting-a-strategic-path-forward/>.
- Knockel, Jeffrey; Parsons, Christopher; Ruan, Lotus; Xiong, Ruohan; Crandall, Jedidah; and Deibert, Ron. (2020). “We Chat, They Watch: How International Users Unwittingly Build up WeChat’s Chinese Censorship Apparatus,” *Citizen Lab*. Available at: <https://citizenlab.ca/2020/05/we-chat-they-watch/>.
- Parsons, Christopher. (2019). “Canada’s New and Irresponsible Encryption Policy: How the Government of Canada’s New Policy Threatens Charter Rights, Cybersecurity, Economic Growth, and Foreign Policy,” *Citizen Lab*. Available at: <https://citizenlab.ca/2019/08/canadas-new-and-irresponsible-encryption-policy-how-the-government-of-canadas-new-policy-threatens-charter-rights-cybersecurity-economic-growth-and-foreign-policy/>.
- Parsons, Christopher; Molnar, Adam; Dalek, Jakub; Knockel, Jeffrey; Kenyon, Miles; Haselton, Bennett; Khoo, Cynthia; and Deibert, Ronald. (2019). “The Predator in Your Pocket: A Multidisciplinary Assessment of the Stalkerware Application Industry,” *Citizen Lab*. Available at: <https://citizenlab.ca/docs/stalkerware-holistic.pdf>.
- Gill, Lex; Israel, Tamir; and Parsons, Christopher. (2018). “Shining a Light on the Encryption Debate: A Canadian Field Guide,” *Citizen Lab*. Available at: <https://citizenlab.ca/wp-content/uploads/2018/05/Shining-A-Light-Encryption-CitLab-CIPPIC.pdf>.
- Parsons, Christopher; Hilts, Andrew; and Crete-Nishihata, Masashi. (2018). “Approaching Access: A comparative analysis of company responses to data access requests in Canada,” *Citizen Lab*. Available at: [https://citizenlab.ca/wp-content/uploads/2018/02/approaching\\_access.pdf](https://citizenlab.ca/wp-content/uploads/2018/02/approaching_access.pdf).
- Parsons, Christopher; Gill, Lex; Israel, Tamir; Robinson, Bill; and Deibert, Ron. (2017). “Analysis of the *Communications Security Establishment Act* and Related Provisions in Bill C-59 (*An Act respecting national security matters*), First Reading (December 18, 2017),” *Citizen Lab // CIPPIC*. Available at: <https://citizenlab.ca/wp-content/uploads/2018/01/C-59-Analysis-1.0.pdf>.
- Parsons, Christopher; and Israel, Tamir. (2016). “Gone Opaque? An Analysis of Hypothetical IMSI Catcher Overuse in Canada,” *Citizen Lab – Telecom Transparency Project // CIPPIC*. Available at: [https://citizenlab.org/wp-content/uploads/2016/09/20160818-Report-Gone\\_Opaque.pdf](https://citizenlab.org/wp-content/uploads/2016/09/20160818-Report-Gone_Opaque.pdf)

- Parsons, Christopher. (2016). “Transparency in Surveillance: Role of various intermediaries in facilitating state surveillance transparency,” *Centre for Law and Democracy*. Available at: <http://responsible-tech.org/wp-content/uploads/2016/06/Parsons.pdf>
- Hilts, Andrew; Parsons, Christopher; and Knockel, Jeffrey. (2016). “Every Step You Fake: A Comparative Analysis of Fitness Tracker Privacy and Security,” *Open Effect*. Available at: [https://openeffect.ca/reports/Every\\_Step\\_You\\_Fake.pdf](https://openeffect.ca/reports/Every_Step_You_Fake.pdf).
- Parsons, Christopher. (2015). “The Governance of Telecommunications Surveillance: How Opaque and Unaccountable Practices and Policies Threaten Canadians,” *Telecom Transparency Project*. Available at: <http://www.telecomtransparency.org/wp-content/uploads/2015/05/Governance-of-Telecommunications-Surveillance-Final.pdf>
- Dalek, Jakub; Kleemola, Katie; Senft, Adam; Parsons, Christopher; Hilts, Andrew; McKune, Sarah; Ng, Jason Q., Crete-Nishihata, Masashi, Scott-Railton, John; and Deibert, Ronald. (2015). “A Chatty Squirrel: Privacy and Security Issues with UC Browser,” *The Citizen Lab*. Available at: <https://citizenlab.org/2015/05/a-chatty-squirrel-privacy-and-security-issues-with-uc-browser/>
- Parsons, Christopher; Israel, Tamir; and Vonn, Micheal. (2014). “Canada,” in S. Davies (Ed.), *A Crisis of Accountability: A global analysis of the impact of the Snowden revelations*.
- Parsons, Christopher; and Molnar, Adam. (2014). “Watching You: The Capabilities and Politics of UAV Deployments by Canadian Authorities” for the Surveillance Studies Centre and British Columbia Civil Liberties Association.
- Milberry, Kate; and Parsons, Christopher. (2013). “A National ID Card by Stealth? The BC Services Card” for the British Columbia Civil Liberties Association. Available at: <http://bccla.org/wp-content/uploads/2013/10/2013-National-ID-Card-by-Stealth.pdf>
- Parsons, Christopher; and Molnar, Adam. (2013). “The BC Services Card: Drivers, Architectures, and Risks” for the British Columbia Civil Liberties Association. Available at: <https://dl.dropboxusercontent.com/u/2869620/Services-Card-Report-1.6Final.pdf>
- Parsons, Christopher. (2012). “Lawful Access and Data Preservation/Retention: Present Practices, Ongoing Harm, and Future Canadian Policies” for the British Columbia Civil Liberties Association. Available at: <https://www.christopher-parsons.com/Main/wp-content/uploads/2012/02/Lawful-Access-Report-v.2.2Final.pdf>

*Submissions to Government*

- Khoo, Cynthia; Gill, Lex; and Parsons, Christopher. (2021). “Comments on the Federal Government’s Proposed Approach to Address Harmful Content Online,” Department of Canadian Heritage, September 2021.
- Parsons, Christopher; and Robertson, Kate. (2021). “Comments on the Information and Privacy Commissioner of Ontario’s Draft Body Worn Camera Guidance,” Information and Privacy Commissioner of Ontario, May, 2021.
- Parsons, Christopher. (2021). “Building Trust in Chinese Infrastructure Vendors and Communications Intermediaries,” Special Committee on Canada-China Relations, March 2021.
- Gill, Lex; Khoo, Cynthia; Knockel, Jeffrey; Molnar, Adam; Parsons, Christopher; and Robertson, Kate. (2020). “Submission of the Citizen Lab to the Ministry of Government and Consumer Services (MGCS) Consultation: Strengthening Privacy Protections in Ontario,” Ministry of Government and Services Consultation, October 2020.
- Parsons, Christopher. (2019). “Cybersecurity in the Financial Sector as a National Economic Security Issue,” Standing Committee on Public Safety and National Security, February 2019.
- Parsons, Christopher; Gill, Lex; Israel, Tamir; Robinson, Bill; and Deibert, Ronald. (2017). “Analysis of the *Communications Security Establishment Act* and Related Provisions in Bill C-59 (*An Act respecting national security matters*), First Reading (December 18, 2017),” Standing Committee on Public Safety and National Security, December 2017.
- Israel, Tamir; and Parsons, Christopher (for Open Media). (2016). “Written Inquiry Under Part 5 of the *Freedom of Information & Protection of Privacy Act* (“*FIPPA*) of *British Columbia*: In re: Vancouver Police Department,” Office of the Information and Privacy Commissioner of British Columbia, March 2016.
- Israel, Tamir; and Parsons, Christopher. (2015). “Regarding Vidéotron’s Practices Related to its Mobile Wireless Unlimited Music Service,” Canadian Radio-television Telecommunications Commission (CRTC), October 2015.
- Parsons, Christopher. (2012). “Brief: Social Networking and Canadian Privacy Law: Jurisdiction, Retention, and Disclosure,” Parliamentary Access to Information, Privacy, and Ethics Committee, December 2012.
- Parsons, Christopher. (2009). “Public Comments for CRTC Interrogatory PN 2008-19,” Canadian Radio-television Telecommunications Commission (CRTC), February 2009.



- Parsons, Christopher. (2008). “Submission to the Standing Committee of the Ontario Legislative Assembly of Ontario, concerning Bill 85, Photo Card Act, 2008,” Ontario Legislative Assembly, October 2008.

## PRESENTATIONS

### *Academic Presentations*

- Parsons, Christopher. (2019). “The Rise and Proliferation of State-Driven Mass Surveillance,” University of Copenhagen, Copenhagen, Denmark, November 2019.
- Parsons, Christopher. (2019). “Rearticulating Who Is Secured,” Centre for Global Studies, Victoria, Canada, February 2019.
- Parsons, Christopher. (2019). “Rearticulating Who Is Secured: The Importance of Citizen-Centric Security Policies,” Cyber Security Across Borders: State of Play in Cyberspace Governance and Protection in Canada, the United States and the world, Montreal, Canada, January 2019.
- Parsons, Christopher. (2018). “Accountability and Government Reporting of Computer Exploits,” Defending Democracy, Ottawa, Canada, October 2018.
- Parsons, Christopher. (2018). “Challenges, Changes, Disruptions, and Directions of Canadian Cybersecurity Policy,” Centre for International Policy Studies (CIPS), Ottawa, Canada, March 2018.
- Parsons, Christopher. (2017). “Horizontal Accountability and Signals Intelligence: Lesson Drawing From Annual Surveillance Reporting,” Security Intelligence and Surveillance in the Big Data Age, Ottawa, Canada, October 2017.
- Parsons, Christopher. (2017). “Public Accountability, Transparency, and Signals Intelligence: Lesson Drawing Domestic and International Surveillance Reporting,” MégaData 2017: Citoyenneté, Métadonnées, Sécurité, Laval, Canada, October 2017.
- Parsons, Christopher. (2017). “‘Bulk’ Surveillance: Past Activities & Current Trajectories,” Surveillance Studies Summer Seminar, Kingston, Canada, June 2017.
- Parsons, Christopher. (2016). “Privacy Implications of Police Adoption of IMSI Catchers,” Beyond ‘Privacy’? Reconsidering Surveillance & The Law (Organized by Deakin University), Melbourne, Australia, May 2016.
- Parsons, Christopher. (2016). “Privacy Is Not Enough: Broadening the Lens in an Era of Mass Surveillance,” UK-Canada Frontiers of Science meeting (Organized by the Royal Society and the Royal Society of Canada), Whistler, Canada, March 2016.
- Parsons, Christopher. (2015). “The Limits of Privacy: Understanding and Reacting to the Broader Harms of Mass Surveillance,” The Algorithmic State: Cyber Challenges to Democracy, Haifa, Israel, December 2015.

- Hilts, Andrew; and Parsons, Christopher. (2015). “Half Baked: The opportunity to secure cookie-based identifiers from passive surveillance,” USENIX/FOCI 2015, Washington DC, August 2015.
- Hilts, Andrew; and Parsons, Christopher. (2015). “Access My Info: An Application That Helps People Create Legal Requests for Their Personal Information,” HotPETs, Philadelphia, USA, June 2015.
- Parsons, Christopher. (2014). “Stuck on the Agenda: Lesson drawing from ‘lawful access’ issues in Canada,” Cryptography, Security, and Privacy Speaker Series on Privacy, University of Waterloo, Waterloo, Canada, July 2014.
- Parsons, Christopher. (2014). “CSEC Surveillance: Clarity and Action in Response to Failed Oversight,” Surveillance Studies Centre at Queen’s University, Kingston, Canada, April 2014.
- Parsons, Christopher. (2013). “Regulators, Politics, and Deep Packet Inspection: Who’s Driving What, and Why?” Connaught Summer Institute on Monitoring Internet Openness and Rights, Toronto, Canada, July 2013.
- Irvine, Valerie; Parsons, Christopher; Bailey, Aaron; and Richards, Luke. (2013). “How BC Privacy Law and 21st Century Education,” The Canadian Society for the Study of Education Annual Conference, Victoria, Canada, June 2013.
- Bennett, Colin; Parsons, Christopher; and Molnar, Adam. (2013). “Real and Substantial Connections: Enforcing Canadian Privacy Laws Against American Social Networking Companies,” Online Privacy: Consenting to Your Future, Malta, March 2013.
- Bennett, Colin; Parsons, Christopher; and Molnar, Adam. (2013). “Forgetting, Non-Forgetting and Quasi-Forgetting in Social Networking: Canadian Policy and Corporate Practice,” 6<sup>th</sup> International Conference of Computers, Privacy & Data Protection, Brussels, Belgium, January 2013.
- Bennett, Colin; Molnar, Adam; and Parsons, Christopher. (2012). “Forgetting, Non-Forgetting and Quasi-Forgetting: Canadian Policy and Corporate Practice,” JSPS Conference, Tokyo, Japan, November 2012.
- Bennett, Colin; Molnar, Adam; and Parsons, Christopher. (2012). “Social Networking and Canadian Jurisdiction: With which Privacy Laws do Social Networking Services think they need to comply,” Asian Privacy Law Scholars Conference, Meiji University, Tokyo, Japan, November 2012.
- Parsons, Christopher; Savirimuthu, Joseph; Wipond, Rob; and McArthur, Rob. (2012). “ANPR: Code and Rhetorics of Compliance,” Surveilling Surveillance, Florence, Italy, September 2012.

- Parsons, Christopher. (2012). “Lawful Access – Obligations, Costs, and Threats,” 2012 BCNET HPCS, Vancouver, Canada, May 2012.
- McPhail, Brenda; Parsons, Christopher; Ferenbok, Joseph; Smith, Karen; and Clement, Andrew. (2011). “Identifying Canadians at the Border: The 9/11 Legacy.” The Expanding Surveillance Net: Ten Years after 9/11, Kingston, Canada, September 2011.
- Parsons, Christopher. (2011). “Technology and Politics in Tunisia and Iran: Deep Packet Surveillance.” Digital Inflections: Visions of the Posthuman Future, Victoria, Canada, March 2011.
- Parsons, Christopher. (2010). “Deep Packet Inspection: Privacy, Mash-ups, and Dignities.” COUNTER: Counterfeiting and Privacy Research Conference, Manchester, UK, March 2010.
- Parsons, Christopher. (2009). “The Ontological Crisis of Melancholia: Searching for Foundations in the Ether of Cyberspace.” (inter)disciplinarity: theory and crisis Graduate Conference, Victoria, Canada, March 2009.
- Parsons, Christopher. (2007). “New Online Teaching Tools for TAs: Web 2.0 possibilities and pitfalls.” University of Guelph Teaching Assistant Conference, Guelph, Canada, September 2007.
- Parsons, Christopher. (2007). “The Besieged Nation-State and the Internet: Managing digital networks and realizing their political potential.” University of Guelph Master’s Student Seminar Conference, Guelph, Canada, April 2007.
- Parsons, Christopher. (2005). “Care: A Model for Ethical Behaviour.” University of Guelph Undergraduate Society Conference, Guelph, Canada, October 2005.

## *Government Presentations and Briefings*

- Parsons, Christopher. (2021). “Building Trust in Chinese Infrastructure Vendors and Communications Intermediaries,” Special Committee on Canada-China Relations, March 2020.
- Parsons, Christopher. (2020). “Transparency, Accountability, and the Future of National Security Policy in Canada,” Canadian National Security Transparency Advisory Group (NS-TAG), June 2020.
- Parsons, Christopher, and Cynthia Khoo. (2020). “Stalkerware: Threats and Solutions,” Office of the Privacy Commissioner of Canada, Ottawa, Canada, January 2020.
- Parsons, Christopher. (2020). “The State of Canadian Encryption Policy,” Office of the Privacy Commissioner of Canada, Ottawa, Canada, January 2020.

- Parsons, Christopher. (2019). “Cybersecurity in the Financial Sector as a National Economic Security Issue,” Standing Parliamentary Committee on Public Safety and National Security, Ottawa, Canada, February 2019.
- Parsons, Christopher; and Molnar, Adam. (2017). “Government Surveillance Accountability: The Failures of Contemporary Canadian Interception Reports,” Information and Privacy Commissioner of Ontario, Toronto, Canada, November 2017.
- Parsons, Christopher; and Hiltz, Andrew. (2014). “The Status of Telecommunications Transparency in Canada, Fall 2014,” Office of the Privacy Commissioner of Canada, Toronto, Canada, September 2014.
- Parsons, Christopher. (2014). “Telecommunications Transparency in Canada: Advancing the Discussion,” Office of the Privacy Commissioner of Canada, Ottawa, Canada, May 2014.
- Parsons, Christopher; Bennett, Colin; and Molnar, Adam. (2013). “Inconsistency in Accessing Information from Social Networking Services,” Office of the Privacy Commissioner of Canada, Ottawa, Canada, May 2013.
- Parsons, Christopher; and Molnar, Adam. (2012). “The BC Services Card: Potentials, Challenges, and Risks,” Office of the Privacy Commissioner of British Columbia, Victoria, Canada, November 2012.
- Parsons, Christopher. (2010). “ISP Surveillance and Deep Packet Inspection.” Office of the Information and Privacy Commissioner for British Columbia, Victoria, Canada, November 2010.

## *Public and Professional Audience Presentations*

- Parsons, Christopher. (2021). “Policy Innovation Initiative—Fireside Chat Series,” University of Toronto, October 2021.
- Parsons, Christopher. (2021). “Where Are We Going? Possible Privacy and Equity Consequences of Contemporary Encryption Debates,” IAPP (Victoria and Vancouver), October 2021.
- Parsons, Christopher. (2021). “Can Canada and China Still Learn From One Another? Balancing Research Partnerships, National Security and Economic Competitiveness,” McMillan, October 2021.
- Parsons, Christopher. (2021). “Where does our health data go? Exploring privacy, ethics and data uses,” University of Toronto, August 2021.
- Parsons, Christopher. (2021). “Disruptors & Dilemmas: Growing the Economy Bit by Bit,” University of Toronto, March 2021.

- Parsons, Christopher. (2021). “Horizontal Accountability and Signals Intelligence: Lesson Drawing from Annual Electronic Surveillance Reports,” Laurier University, March 2021.
- Parsons, Christopher. (2021). “Panelist: TikTok & WeChat, where to now?,” Australian Strategic Policy Institute, February 2021.
- Parsons, Christopher. (2021). “(Keynote) Emerging Policy Surveillance Technologies: An Imperative to Move from Reflexive Secrecy to Reflexive Accountability,” Information and Privacy Commissioner of Canada Privacy Day Symposium, January 2021.
- Parsons, Christopher. (2021). “Panel: Law Enforcement and Surveillance,” Information and Privacy Commissioner of Canada Privacy Day Symposium, January 2021.
- Parsons, Christopher. (2021). “Privacy, Transparency, and Accountability in a Digital World,” Global Ideas Institute (Munk School of Global Affairs), January 2021.
- Parsons, Christopher. (2020). “Huawei and 5G: Clarifying the Canadian Equities and Charting a Strategic Path Forward,” Later Life Learning Toronto, November 2020.
- Parsons, Christopher. (2020). “Security vs Security: Weighing the History of Encryption Policy in Canada,” Canadian Internet Governance Forum, November 2020.
- Parsons, Christopher. (2020). “Electronic Surveillance: The Growth of Digitally Enabled Surveillance and the Atrophy of Accountability in Law Enforcement and Security Agencies,” Prairie Political Science Association, November 2020.
- Parsons, Christopher. (2020). “COVID Tracing Apps,” The Canadian Bar Association (Privacy & Access Law Section—North), October 2020.
- Parsons, Christopher. (2020). “Safe to Trace,” ISOC, June 2020.
- Parsons, Christopher. (2020). “Encryption in the Age of Covid,” ISOC Webinar series on encryption, ISOC, May 2020.
- Parsons, Christopher. (2020). “Huawei and 5G: Clarifying the Canadian Equities,” IPSI Lecture Series, University of Toronto, Toronto, Canada, March 2020.
- Parsons, Christopher. (2019). “5G, Huawei, and the Canada-China Relationship,” Canadian Council on International Law, Ottawa, Canada, October 2019.
- Parsons, Christopher. (2019). “Dual Use and Canada’s Duelling Commitments to Human Rights,” Canadian International Council (Toronto Chapter), Toronto, Canada, October 2019.
- Parsons, Christopher. (2019). “Canada’s Mass Surveillance Regime: Now With Adequate Accountability?” Open Government Partnership Global Summit, Ottawa, Canada, May 2019.

- Parsons, Christopher. (2019). “Bill C-59: Capabilities, Costs, and Future Accountability,” Institute on Governance’s Future Forum, Ottawa, Canada, May 2019.
- Parsons, Christopher. (2019). “Cybersecurity, Human Security, and Democratic Governance,” CDA Institute’s Defence and Security 2019, Ottawa, Canada, February 2019.
- Parsons, Christopher. (2019). “Encryption At A(nother) Turning Point: Why Canada must avoid an irresponsible encryption policy,” Reboot Privacy and Security Conference, Victoria, Canada, February 2019.
- Parsons, Christopher. (2018). “Government Mass Surveillance in Canada: law, policy, and reality,” Civic Tech, Toronto, Canada, October 2018.
- Parsons, Christopher. (2018). “Artificial Intelligence: A Future in Cybersecurity?” Ryerson University, Toronto, Canada, May 2018.
- Parsons, Christopher. (2018). “Access My Information: A Canadian Case Study,” RightsCon, Toronto, Canada, May 2018.
- Parsons, Christopher. (2018). “Empowering Citizens Through Transparency: A Case of Canada’s Access My Information Tool,” RightsCon, Toronto, Canada, May 2018.
- Parsons, Christopher. (2018). “Making Transparency Reports Meaningful,” RightsCon, Toronto, Canada, May 2018.
- Parsons, Christopher. (2018). “Security, Surveillance, and Secrecy,” National Judicial Institute, Ottawa, Canada, February 2018.
- Parsons, Christopher; and Abramson, Bram. (2017). “Telecom Transparency: Gearing Up With A Digital Citizenry,” Canadian ISP Summit, Toronto, Canada, November 2017.
- Parsons, Christopher. (2017). “Bulk Surveillance Operations: When ‘Transparency’ Is Not Enough,” DefCon Toronto, Toronto, Canada, September 2017.
- Parsons, Christopher. (2017). “Journalism and Information Security, Overview,” HotDocs, Toronto, Canada, May 2017.
- Parsons, Christopher. (2017). “(Keynote) Mass Surveillance Unleashed: The Implications for Academic Freedom,” University of Guelph SpringIT Conference, Guelph, Canada, May 2017.
- Parsons, Christopher. (2017). “(Keynote) Accountability, Intelligibility, and Democratic Legitimacy: Enhancing Canadians’ trust in the law,” Department of Justice Training Conference, Ottawa, Canada, February 2017.
- Parsons, Christopher. (2017). “The Risks and Implications of 'Incidental' Government Surveillance,” Toronto Public Library, Toronto, Canada, March 2017.
- Parsons, Christopher. (2017). “The Risks and Implications of 'Incidental' Government Surveillance,” Toronto Public Library, Toronto, Canada, February 2017.

- Parsons, Christopher. (2016). “Government Surveillance of Mobile Phones in Canada,” Toronto Public Library, Toronto, Canada, November 2016.
- Parsons, Christopher. (2016). “IMSI Catchers in the Canadian Context,” 44<sup>th</sup> Annual Canadian Lawyers’ Association, Toronto, Canada, October 2016.
- Parsons, Christopher. (2016). “Encryption: A Technical Overview,” 38<sup>th</sup> International Conference of Data Protection and Privacy Commissioners, Marrakech, Morocco, October 2016.
- Parsons, Christopher. (2016). “Transparency in Surveillance: Role of Intermediaries in Facilitating State Surveillance Transparency,” RightsCon 2016, San Francisco, United States, March 2016.
- Parsons, Christopher. (2016). “Threats Signals Intelligence Agencies Pose to Democratic Society,” Why Should I Care? (WSIC), Toronto, Canada, February 2016.
- Parsons, Christopher. (2015). “Security Vulnerabilities in a Connected World,” Resilient Critical Infrastructure & Cyber Security, Toronto, Canada, October 2015.
- Parsons, Christopher. (2015). “The Boomerang Traffic Effect,” Internet Society Canada Chapter: First Canadian Internet Symposium, Ottawa, Canada, September 2015.
- Parsons, Christopher. (2015). “Motivating Transparency and Change in Canadian Telecommunications,” digifest 2015, Toronto, Canada, May 2015.
- Parsons, Christopher. (2015). “Online Privacy Rights,” 16<sup>th</sup> Annual Privacy and Security Conference, Victoria, Canada, February 2015.
- Parsons, Christopher. (2015). “The Practice and Pragmatics of Surveillance Transparency” 16<sup>th</sup> Annual Privacy and Security Conference, Victoria, Canada, February 2015
- Parsons, Christopher. (2015). “Government Surveillance in a ‘Transparent’ Era,” Toronto Public Library, Toronto, ON, January 2015.
- Parsons, Christopher. (2014). “Transparency in Canadian Telecommunications: Successes and Failures,” International Institute of Communications Canada 13<sup>th</sup> Annual Conference, Ottawa, ON, October 2014.
- Parsons, Christopher. (2014) “Democracy in an Era of Mass Surveillance: A Canadian Perspective,” National Privacy and Data Governance Congress 2014, Calgary, Canada, October 2014.
- Parsons, Christopher. (2014) “Government Surveillance and the Privacy of Canadian Business Communications,” National Privacy and Data Governance Congress 2014, Calgary, Canada, October 2014.
- Parsons, Christopher. (2014). “Lawful access and online surveillance,” Canadian Internet Forum 2014, Ottawa, Canada, October 2014.

- Hilts, Andrew; and Parsons, Christopher. (2014). “Howto access your info with the AMI tool,” Toronto Sunshine Summit, Toronto, Canada, September 2014.
- Parsons, Christopher. (2014). “Should Surveillance Scare You?” Canadian Journalists for Free Expression, Toronto, Canada, June 2014.
- Parsons, Christopher. (2014). “Data, Privacy, and Managing Organizational Risks,” Guelph Web Makers Meetup, Guelph, Canada, April 2014.
- Parsons, Christopher; Bennett, Colin; and Molnar, Adam. (2014). “Inconsistency in Accessing Information from Social Networking Services,” Canadian Civil Liberties Association ‘Pathways to Privacy,’ Toronto, Canada, March 2014.
- Parsons, Christopher. (2014). “CSEC Surveillance: The Failure of Government Accountability,” 8<sup>th</sup> Annual Munk School Graduate Conference, Toronto, Canada, March 2014.
- Parsons, Christopher. (2014). “The Blurry State of Canadian Surveillance,” Privacy at Risk? The NSA and CSEC, Its Canadian Surveillance Partner, Toronto, Canada, March 2014.
- Parsons, Christopher. (2013). “Ways for Non-Profits and Charities to Assess and Evaluate Privacy Risks,” NetSquared, Victoria, Canada, October 2013.
- Parsons, Christopher. (2013). “Panel: Can I See Some ID? Benefits and Risks of Identification Cards in Canada,” Privacy and Access 20/20: A New Vision for Information Rights, Vancouver, Canada, October 2013.
- Parsons, Christopher. (2013). “Panel: It’s Just Metadata!” Sunshine Summit, Victoria, Canada, September 2013.
- Parsons, Christopher. (2013). “Panel: Privacy and Cybersecurity Considerations for the Trans-Pacific Partnership (TPP),” Google Big Tent Canada 2013, Ottawa, Canada, May 2013.
- Parsons, Christopher. (2012). “Lawful Access, Intelligence Legislation, and Foreign Experiences,” University of Victoria Law Club: (Un)Lawful Access – A Panel on Online Surveillance, Victoria, Canada, March 2012.
- Parsons, Christopher; Wipond, Rob; and McArthur, Kevin. (2012). “The Governance of Automatic License Plate Recognition in Canada,” 13<sup>th</sup> Annual Privacy and Security Conference, Victoria, Canada, February 2012
- Parsons, Christopher. (2012). “Lawful Access: Stepping towards a harmonized surveillance complex,” (Un)Lawful Access Legislation: Ottawa Forum, Ottawa, Canada, February 2012.



- Parsons, Christopher. (2012). “Lawful Access: Technical Potentials and Observations from the US and UK,” (Un)Lawful Access: Premier and Panel Discussion, Vancouver, Canada, January 2012.
- Parsons, Christopher. (2011). “Lawful Access, Transmission Data, and Lessons from Abroad,” Stop Online Surveillance Forum, Vancouver, Canada, July 2011.
- Parsons, Christopher. (2011). “Watch Out! It’s the Feds!” Social Media Club Victoria, Victoria, Canada, April 2011.
- Parsons, Christopher. (2011). “An Internet Broadband Monitor, and You.” Lightning Talk Session at CanSecWest, Vancouver, Canada, March 2011.
- Parsons, Christopher. (2010). “Putting the Meaningful into Meaningful Consent.” Social Media Club Vancouver, Vancouver, Canada, October 2010.
- Parsons, Christopher. (2010). “Traffic Analysis, Privacy, and Social Media.” Social Media Camp Victoria, Victoria, Canada, October 2010.

## **WORKSHOPS AND ROUNDTABLES**

- Parsons, Christopher. (2021). “Coordinated Vulnerability Disclosure for Networked Technologies II,” Ryerson University/Cybersecure Policy Exchange, May 2021.
- Parsons, Christopher. (2021). “Coordinated Vulnerability Disclosure for Networked Technologies I,” Ryerson University/Cybersecure Policy Exchange, March 2021.
- Parsons, Christopher. (2021). “Tech@Fletcher Careers Workshop,” Citizen Lab/Tufts University, March 2021.
- Parsons, Christopher. (2020). “EU Export Controls and Dual-Use,” Citizen Lab, November 2020.
- Khoo, Cynthia; and Parsons, Christopher. (2019). “Mobilizing Stalkerware Research for Security and Frontline Support,” Munk School of Global Affairs & Public Policy at the University of Toronto (Citizen Lab Summer Institute 2019), Toronto, Canada, July 2019.
- Parsons, Christopher. (2019). “Privacy and Security Challenges Facing Canadian Activists,” Department of Political Science at University of Victoria, Victoria, Canada, February 2019.
- Parsons, Christopher. (2018). “Canadian Multistakeholder Process: Enhancing IoT Security,” ISOC Canada, Toronto, Canada, June 2018.
- Parsons, Christopher. (2018). “Evaluating Stalkerware,” Munk School of Global Affairs & Public Policy at the University of Toronto (Citizen Lab Summer Institute 2018), Toronto, Canada, June 2018.
- Parsons, Christopher. (2018). “Policy Responses to Digital Interference in Elections,” Public Policy Forum. Toronto, Canada, May 2018.

- Parsons, Christopher. (2018). “Regulating in the Dark: Mapping the Encryption Debate,” Faculty of Law at University of Toronto, February 2018.
- Parsons, Christopher. (2017). “Signals Intelligence in Canada,” Munk School of Global Affairs at the University of Toronto (Citizen Lab Summer Institute 2017), July 2017.
- Parsons, Christopher. (2016). “National Security Accountability,” Munk School of Global Affairs at University of Toronto, November 2016.
- Parsons, Christopher. (2016). “Investigative Techniques,” Munk School of Global Affairs at University of Toronto, October 2016.
- Parsons, Christopher. (2015). “CSIS - One Step Forward, Two Steps Backward,” Centre for Global Studies. Victoria, Canada, February 2015.
- Parsons, Christopher. (2014). “The Citizen Lab: Research With Impacts,” The Smart Cybersecurity Network (SERENE-RISC) Official Launch. Ottawa, Canada, May 2014.
- Parsons, Christopher. (2014). “Contemporary Methods for Rendering Transparent Contemporary Surveillance Practices,” *The Politics of Surveillance: Advancing Democracy in a Surveillance Society*. Ottawa, Canada, May 2014.
- Molnar, Adam; and Parsons, Christopher. (2014). “Studying State Surveillance Practices in Canada: Opportunities, Limitations, and Headaches,” *The Politics of Surveillance: Advancing Democracy in a Surveillance Society*. Ottawa, Canada, May 2014.
- Parsons, Christopher. (2014). “Corporate Responsibility: Towards Accountable and Transparent Data Stewardship (Rapporteur’s Report),” *Cyber Dialogue*. Toronto, Canada, March 2014.
- Parsons, Christopher; Bennett, Colin; and Molnar, Adam. (2014). “Privacy, Surveillance, and the Democratic Potential of the Social Web,” *Social Dimensions of Privacy*. Wassenaar, Amsterdam, January 2014.
- Parsons, Christopher; and Molnar, Adam. (2013). “Informal Governance through Code and Standards,” *The Legitimacy of Private Transnational Governance by Contract*. Victoria, Canada, August 2013.
- Parsons, Christopher; and Molnar, Adam. (2013). “Watching You: Some implications of surveillance-by-UAVs,” *Canadian Political Science Association Congress*. Victoria, Canada, June 2013.
- Parsons, Christopher. (2013). “The BC Services Card: A Privacy and Security Overview,” *The BC Services Card: Privacy Risks, Opportunities and Alternatives*. Vancouver, Canada, April 2013.
- Parsons, Christopher. (2013). “Lawful Access Is Dead; Long Live Lawful Intercept!” *Center for Global Studies Global Talks*. Victoria, March 2013.

- Parsons, Christopher. (2012). “(Facilitator) Training activists about state surveillance capabilities,” Electronic Surveillance and Human Rights Camp. Rio de Janeiro, Brasil, December 2012.
- Parsons, Christopher. (2012). “Deep Packet Inspection: What is it, how does it work, and how is it used for surveillance,” Electronic Surveillance and Human Rights Camp. Rio de Janeiro, Brasil, December 2012.
- Parsons, Christopher. (2012). “Respondent: Internet Governance as a Multi-Actor and Multi-Network Issue,” Global Governance and the Internet: Is ‘Organized Chaos’ Best?, Victoria, Canada, November 2012.
- Parsons, Christopher. (2012). “Borders, Privacy, and Web 2.0,” Governance and Democracy Across Borders, Victoria, Canada, October 2012.
- Parsons, Christopher. (2012). “Transparent Practices Don’t Stop Prejudicial Surveillance.” Networked Surveillance: Access Control, Transparency, Power, and Circumvention in the 21<sup>st</sup> Century, Toronto, Canada, February 2012.
- Parsons, Christopher. (2011). “Social Media: Is there a place for it in education?” Learning Systems/Learning and Teaching Center Instructional Technologies Series workshop, Victoria, Canada, November 2011.
- Parsons, Christopher. (2011). “The Evolving Role of Cyber Surveillance in Public Sector Decision-Making.” CIPPIC Roundtable, Ottawa, Canada, June 2011.
- Parsons, Christopher. (2011). “Mobility: Value Propositions, Lawful Access, and Communicative Privacy.” Citizen Lab Roundtable, Toronto, Canada, June 2011.
- Parsons, Christopher. (2009). “Moving Online: Your Packets, Your ISP, Your Identity.” Critical Digital Studies Workshop, Victoria, Canada, June 2009.
- Parsons, Christopher. (2009). “Deep Packet Inspection: Heuristics, Transparency, and the Canadian Situation.” Deep Packet Inspection Roundtable, Toronto, Canada, June 2009.

## **RESEARCH EXPERIENCE**

- Co-Investigator with Dr. Ronald Deibert (University of Toronto) and Dr. Adam Molnar (Deakin University) for “Understanding and Responding to the Privacy and Safety Risks of Stalkerware,” 2018-2019.
- Research Consultant with Open Effect for “Improving Canadians’ access to their personal information,” Andrew Hilts (Executive Director, Open Effect), 2015-2016.
- Research Consultant with Open Effect for “A Comparative Analysis of Fitness Tracker Privacy and Security,” Andrew Hilts (Executive Director, Open Effect), 2015-2016.

- Co-Investigator with Dr. Ronald Deibert (University of Toronto) and Dr. Lokman Tsui (Chinese University of Hong Kong) for “Journalism and Information Security”, 2015–Present.
- Social Science and Humanities Research Council (SSHRC) Postdoctoral Fellow (Citizen Lab, Munk School of Global Affairs at the University of Toronto), 2014-2016.
- Managing Director for Telecom Transparency Project (Citizen Lab, Munk School of Global Affairs at the University of Toronto), 2014-Present.
- Postdoctoral Fellow at Citizen Lab (Munk School of Global Affairs, University of Toronto) on State Access to Telecommunications Data, 2013-2014.
- Co-Investigator with Dr. Colin Bennett (University of Victoria) on Social Networking and Privacy Protection: Analyzing the “Access” in Lawful Access. Grant money provided through the Office of the Privacy Commissioner of Canada’s Contributions Program, 2012-2013.
- Co-Researcher with Kate Milberry for “A National ID Card by Stealth? The BC Services Card,” Micheal Vonn (Policy Director, British Columbia Civil Liberties Association), 2012-13.
- Co-Researcher with Adam Molnar for “The BC Services Card: Drivers, Architectures, and Risks,” Kate Milberry (Researcher, British Columbia Civil Liberties Association), 2012.
- Author and researcher of “Literature Review of Deep Packet Inspection,” Andrew Clement (Professor, University of Toronto). Funding provided by the New Transparency’s Cyber-Surveillance Workshop, 2011.
- Principle researcher and author for the Lawful Access Regime Project, Micheal Vonn (Policy Director, British Columbia Civil Liberties Association), 2011.
- Research Assistant for Deep-Packet Inspection: Resources for the Analysis of Privacy Implications in Canada, Colin Bennett (University of Victoria) supervising. Grant money provided through the Office of the Privacy Commissioner of Canada’s Contributions Program, 2009-2010.
- Research Assistant for The New Transparency Project, Colin Bennett (University of Victoria) and Andrew Clement (University of Toronto) supervising. Seven-year SSHRC MCRI, 2008-2009.

## **TEACHING EXPERIENCE**

- Invited Lecturer, “CSIS, CSE, and the Prospective Targeting of Activists in Canada,” University of Victoria (Undergraduate Class), Victoria, BC, July 2021.

- Invited Lecturer, “Transparency and Accountability in Theory and Practice,” University of Toronto (Combined Undergraduate/Graduate Class), Toronto, Ontario, March 2021.
- Invited Lecturer, “The Policies and Politics of Encryption: A Canadian Focus,” University of Victoria (Combined Undergraduate/Graduate Class), Victoria, BC, February 2021.
- Invited Lecturer, “Geopolitics and National Security—Privacy and Security in a Connected World,” Canada School of Public Service, Ottawa, Ontario, November 2020.
- Invited Lecturer, “Contemporary Surveillance, Privacy, and Data Protection Risks,” University of Ottawa (Undergraduate Class), Ottawa, Ontario, October 2020.
- Invited Lecturer, “Access My Info: Using PIPEDA to Facilitate Journalism,” Concordia University, Montreal, Quebec, September 2020.
- Invited Lecturer, “Accountability and Transparency: For Whom and For What?,” University of Toronto (Graduate Class), Toronto, Ontario, March 2020.
- Invited Lecturer, “Accountability and Transparency: For Whom and For What?,” University of Toronto (Undergraduate Class), Toronto, Ontario, March 2020.
- Invited Lecturer, “Huawei and 5G: A Discussion,” University of Toronto (Graduate Class), Toronto, Ontario, March 2020.
- Invited Lecturer, “Human Rights in the Digital Era,” University of Toronto (Graduate Class), Toronto, Ontario, January 2020.
- Invited Lecturer, “Rearticulating Who is Secured and the Need to Adopt Human- and Citizen-Centric Security Vulnerability Policies,” Canadian Military College (Graduate Class), Toronto, Ontario, December 2019.
- Invited Lecturer, “Privacy Theory, Contemporary Law, and the Conditions for Democratic Accountability,” University of Toronto (Undergraduate Class), October 2019.
- Invited Lecturer, “Access My Info: A Canadian Case,” University of Waterloo (Undergraduate Class), September 2019.
- Invited Lecturer, “Right to Access and Digital Advocacy,” York University (Undergraduate Class), January 2018.
- Invited Lecturer, “Chokepoints: The Roles of Intermediaries For Conducting and Exposing Surveillance,” University of Toronto (Graduate Class), October 2017.
- Invited Lecturer, “How Intermediaries Enable and Resist Government Surveillance,” University of Toronto (Graduate Class), March 2017.
- Invited Lecturer, “The Historical and Current Status of IMSI Catchers in Canada,” York University (Law School), January 2017.

- Invited Lecturer, “IMSI Catchers: How Can the Law Catch Up with Their Operation in Canada?,” University of Toronto (Law School), October 2016.
- Invited Lecturer, “Contemporary Signal Intelligence,” University of Toronto (Undergraduate/Graduate Class), October 2016.
- Invited Lecturer, “Beyond Privacy: The Deficits of Contemporary Privacy Theories in Accounting for Government Surveillance Activities,” York University (Undergraduate Class), March 2016.
- Invited Lecturer, “Intermediaries: Agents of Government, Practitioners of Governance,” University of Toronto (Graduate Class), March 2016.
- Invited Lecturer, “Chokepoints: The roles of intermediaries for conducting and exposing surveillance,” University of Toronto (Undergraduate/Graduate Class), November 2015.
- Invited Lecturer, “Deep Packet Inspection: A Corporate/Government Surveillance Nexus,” University of Guelph (Undergraduate Class), February 2015.
- Invited Lecturer, “Privacy Is Not the Counter To Mass Surveillance Surveillance: Re-articulating the harms of surveilling the world-at-large,” Liverpool Law School (Undergraduate Class), February 2015.
- Invited Lecturer, “Signals Intelligence: The Practice of Mass and Targeted Surveillance,” University of Toronto (Graduate Class), January 2015.
- Invited Lecturer, “Policing the Net: Intermediaries and Transparency,” University of Toronto (Graduate Class), October 2014.
- Invited Lecturer, “Policing the Net: Intermediaries and Transparency,” University of Toronto (Graduate Class), February 2014.
- Invited Lecturer, “Networks of Power II – Cybersurveillance, Netwar, and Resistance,” University of Alberta (Graduate Class), May 2013.
- Invited Lecturer, “Privacy, Surveillance, and Contemporary Digital Communications,” University of Victoria, October 2012.
- Sessional Instructor, *POLI 456: Politics of the Internet*, University of Victoria, June-August 2012.
- Invited Lecturer, “Unpacking Kant’s “On the Common Saying: ‘This May be True in Theory, but it does not Apply in Practice’,” University of Victoria, June 2012.
- Invited Lecturer, “Networks of Power II – Cybercrime/Surveillance/War,” University of Alberta (Graduate Class), May 2012.
- Invited Lecturer, “The International, the State, and the Lulz,” University of Victoria, November 2011.
- Invited Lecturer, “Architecting Internet Surveillance in Canada,” University of Victoria, October 2011.

- Invited Lecturer, “Technology and Politics in Tunisia and Iran: Deep Packet Surveillance,” University of Victoria, February 2011.
- Invited Lecturer, “Managing Your Online Transparency: Privacy on the Social Web,” Camosun College, March 2010.
- Invited Lecturer, “The Technology Threatening Culture and Privacy (or: the acronym your ISP doesn’t want you to know),” University of Victoria, March 2010.
- Teaching Assistant, Introductory Social and Political Philosophy (with Prof. Omid Payrow Shabani). Department of Philosophy, University of Guelph, Fall 2007.
- Teaching Assistant, Ethics (with Prof. Alan Belk). Department of Philosophy, University of Guelph, Spring 2007.
- Teaching Assistant, Introductory Social and Political Philosophy (with Prof. Eva Buccioni). Department of Philosophy, University of Guelph, Fall 2006.

#### **AWARDS/FELLOWSHIPS/GRANTS**

- Co-Investigator, Understanding and Responding to the Privacy and Safety Risks of Stalkerware, Office of the Privacy Commissioner of Canada, 2018-2019.
- USA State Department’s International Visitors Leadership Program (Cybersecurity) Participant, September-October 2018.
- Canadian Internet Registration Authority’s Community Investment Program, June 2015-April 2016.
- Best Political Science Dissertation in the Western States, 2013/14, The Western Political Science Association.
- Social Science and Humanities Research Council Postdoctoral Fellowship, October 2014-September 2016.
- Canadian Internet Registration Authority’s Community Investment Program, May 2014-April 2015.
- Postdoctoral Fellowship, Munk School of Global Affairs, November 2013-September 2014.
- Centre for Global Studies Graduate Student Fellowship, Centre for Global Studies, January 2013-October 2013.
- Co-Investigator, Canadian Access to Social Media Information (CATSMI) Project, Office of the Privacy Commissioner of Canada’s Contributions Program, 2012-2013.
- Joseph-Armand Bombardier Canada Graduate Scholarship, Social Sciences and Humanities Research Council, 2009-2012.
- Private Scholarship, The 2009 Canadian Telecom Summit, 2009.
- Conference Travel Grant, University of Victoria Office of Graduate Studies, 2009.

- Conference Travel Grant, Critical Digital Studies Workshop, 2009.
- Ontario Graduate Scholarship (Provincial-level award), 2008-2009 (Declined Offer).
- Forster Medal (University-level award), College of Arts Nominee, University of Guelph 2008.

## SERVICE

- Expert Panel Member, CCA Expert Panel on Public Safety in the Digital Era, 2021-Present.
- Participant, Public Policy Forum--Debating the Right Balances for Privacy Law in Canada, September 2021.
- Advisory Member, "CSA Group Research Project—Privacy and Wellness Wearables: Emerging Trends and Power Dynamics in a Grey Area", 2021.
- Reviewer for: *Journal of Cyber Policy*, *Journal of Information Technology & Politics*, *Law & Policy*, *Moral Philosophy and Politics*, *Surveillance & Society*.
- Judge, "Global Ideas Institute Symposium 2021," Toronto, Ontario, March 2021.
- Workshop Organizer, "Canadian Cybersecurity Dialogue," Ottawa, Canada, December 2019.
- Workshop Moderator, "Session One: C-59 Is Here. Now What?" Ottawa, Canada, December 2019.
- Workshop Moderator, "Session Three: Slipping Through the Cracks," Ottawa, Canada, December 2019.
- Workshop Organizer, "Citizen Lab Summer Institute on Monitoring Internet Openness and Rights," Citizen Lab, Munk School of Global Affairs & Public Policy at University of Toronto, July 2019.
- Workshop Organizer, "Canadian Cybersecurity Dialogue," Ottawa, Canada, November 2018.
- Workshop Organizer, "Citizen Lab Summer Institute on Monitoring Internet Openness and Rights," Citizen Lab, Munk School of Global Affairs at University of Toronto, July 2018.
- Workshop Organizer, "Regulating in the Dark: Mapping the Encryption Debate," Faculty of Law at University of Toronto, February 2018.
- Workshop Organizer, "Citizen Lab Summer Institute on Monitoring Internet Openness and Rights," Citizen Lab, Munk School of Global Affairs at University of Toronto, July 2017.
- Panel Facilitator, "Surveillance, Censorship, and Human Rights Online," Decoding the Digital Divide, Munk School of Global Affairs at University of Toronto, March 2017.



- Workshop Organizer, “Investigative Techniques and National Security Accountability Workshop,” Munk School of Global Affairs at University of Toronto, September-November 2016.
- Workshop Organizer, “Citizen Lab Summer Institute: Monitoring Internet Openness and Rights,” Citizen Lab, Munk School of Global Affairs at University of Toronto, July 2016.
- Workshop Organizer, “Citizen Lab Summer Institute: Monitoring Internet Openness and Rights,” Citizen Lab, Munk School of Global Affairs at University of Toronto, June 2015.
- Program Committee Member, “Free and Open Communications on the Internet,” FOIC 2015, Washington DC, August 2015.
- Workshop Organizer, “Citizen Lab Summer Institute: Monitoring Internet Openness and Rights,” Citizen Lab, Munk School of Global Affairs at University of Toronto, August 2014.
- Workshop Organizer, “Networked Surveillance: Access Control, Transparency, Power, and Circumvention in the 21<sup>st</sup> Century,” iSchool 2012 workshop, University of Toronto, February 2012.
- Administrator for and contributor to Digitally Mediated Surveillance Canada ([www.digitallymediatedsurveillance.ca](http://www.digitallymediatedsurveillance.ca)), 2011-2013.
- Technical Consultant for *Peninsula: A Journal of Relational Politics*. University of Victoria graduate student journal, 2010 - 2012.
- Administrator of Deep Packet Inspection Canada ([www.deeppacketinspection.ca](http://www.deeppacketinspection.ca)), 2010 - 2014.
- Workshop Organizer, “Cyber-surveillance in Everyday Life,” Multidisciplinary workshop, University of Toronto, May 2011.
- Principle Conference Organizer, “Identity and Its Roots,” Multidisciplinary Graduate Student Conference, University of Guelph, May 2008.

## **PROFESSIONAL EXPERIENCE**

- Senior Research Associate, Citizen Lab, 2019-Present.
- Research Contractor, Office of the Privacy Commissioner of Canada, 2019.
- Participant, Ally Skills Workshop, Citizen Lab, 2018.
- Research Associate, Citizen Lab, 2016 – 2019.
- Research Contractor, Office of the Privacy Commissioner of Canada, 2016-2017.
- Policy Consultant, TekSavvy, 2016.
- Policy Consultant, Open Media, 2016.
- Research Consultant, Open Effect, 2015-2017.

- Board of Advisors, The Mackenzie Institute, 2014-Present.
- Board of Advisors, Khaki Scout Software, 2014-Present.
- Technical Consultant, Ranking Digital Rights Project (for New America Foundation), 2014.
- Principal, Block G Privacy and Security Consulting, 2013 - 2016.
- Computer Lab Technician, University of Guelph, College of Social and Applied Human Science, 2008.
- Networking Assistant, University of Guelph, College of Social and Applied Human Sciences, 2007 - 2008.
- Copyeditor, Dr. Omid A. Payrow Shabani, May 2008.
- Senior Computer Lab Assistant, University of Guelph, College of Social and Applied Human Sciences, 2006 - 2007.
- Copyeditor, Dr. Omid A. Payrow Shabani, October 2007.

## **MEMBERSHIPS/ACCREDITATIONS/RESIDENCIES/SEMINARS**

### *Memberships*

- Centre for International Governance Innovation (CIGI) Working Group 3: Re-Imagining A Canadian National Security Strategy for the Twenty First Century—Making Digital Living Safe and Secure, 2021
- Office of the Privacy Commissioner of Canada's Civil Society Roundtable, 2020-Present.
- Information and Privacy Commissioner of Ontario Ad Hoc Strategic Advisory Committee, 2020-2021.
- Noncommercial Stakeholder Group at the Internet Corporation for Assigned Names and Numbers (ICANN), 2013 – Present.
- Canadian Internet Registry Association (CIRA), 2011 – Present.
- American Political Science Association, 2008 – 2013.
- International Association of Privacy Professionals (IAPP), 2007 – 2012.
- Canadian Philosophical Association, 2006 - 2009.

### *Accreditations*

- Canadian Local Digital Rights Champion (Access), 2018.
- Transparency Hero on Human Rights and Communications Surveillance (Access), 2014.
- Successful Transparency Advocate (Electronic Frontier Foundation), 2014.
- Privacy-by-Design Ambassador (Information and Privacy Commissioner of Ontario), 2012 - Present.
- College of Arts Teaching Practicum: Level I (University of Guelph), 2007.

*Residencies*

- Faculty of Information, University of Toronto, May 2011.

*Seminars*

- Surveillance Studies Summer Seminar, Queen's University, May 2009.

**MEDIA COVERAGE**

*The Agenda, Australian Broadcasting Corporation (ABC), Australian Financial Review, Alberta Primetime, Ars Technica, Associated Press, Australian Financial Review, Bloomberg Businessweek, Bloomberg TV, Boing Boing, Business Vancouver, Calgary Herald, Canada.com, Canadian Intelligence, Eh (Podcast) Canadaland, Canadaland OPPO, Canada's National Observer, Canadian Business, Canadian Press, CBC: All Points West, CBC: Blue Skies, CBC: The Current, CBC Day Six, CBC: Inside Politics, CBC: The National (and CBC television affiliates), CBC News, CBC News: British Columbia, CBC News: Business, CBC News: Canada, CBC News: Politics, CBC News: Power & Politics, CBC News: Technology and Science, CBC Ottawa Morning, CBC Spark, CBC: Q, CBC The House, CircleID, Citytv Breakfast Television, CTV News: Edmonton, CTV: Kevin Newman Live, CTV: Power Play, CTV: Your Morning, Daily Nation (Kenya), Drupal Watchdog, DSL/Broadband Reports, L'Express, Financial Post, Financial Times, Focus Magazine, Folha De Sao Paulo, Global News, Globe and Mail (Online and Print), Hong Kong Free Press, iPolitics, The Intercept, Intrepid Podcast, LawBytes, Lawyer's Daily, The Logic, Macleans, Metro News, Montreal Gazette, Mother Jones, MSN News, National Post (Online and Print), O Globo, Ottawa Citizen, Owni, PC Advisor (UK), People Magazine, La Presse, The Province, The Record, Reuters, SC Magazine, Slashdot, South China Morning Post, Techvibes, Times Columnist, Toronto Star, TVO's The Agenda, TVO's Search Engine, The Tyee, University Affairs, Vancouver Sun, The Varsity, Vice News, Vice: Motherboard, The Walrus, The Washington Post, The Washington Times, The Wire Report, Yahoo! News, and various other local and provincial radio and print outlets.*

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