

## **Ronald J. Deibert**

### **A. BIOGRAPHICAL INFORMATION**

#### **1. PERSONAL**

Ronald James Deibert, Munk School of Global Affairs, Observatory Site, 313, 416-946-8916

#### **2. DEGREES**

- Phd 1995 University of British Columbia
- Thesis: Hypermedia: Modes of Communication in World Order Transformation  
Supervisor Professor Mark Zacher.
- MA 1990 Queen's University

#### **3. EMPLOYMENT**

Professor, Department of Political Science, University of Toronto, 2011-present  
Associate Professor 2001-2011  
Assistant Professor 1996-2001

Director, The Canada Centre for Global Security Studies, 2010-present

Director, The Citizen Lab (<http://www.citizenlab.org/>), 2001-present

Vice President, Global Policy and Outreach, Psiphon Inc., 2008-2010

#### **4. HONOURS**

2013 – Order of Ontario and Queen Elizabeth II Diamond Jubilee Medal  
2013 - Partners in Research Technology Ambassador Award  
2013 -Canadian Library Association Award for the Advancement of Intellectual Freedom in Canada  
2011 - UNESCO Press Freedom Award (awarded to Citizen Lab)  
2010 - Canadian Journalists for Free Expression Vox Libera Award (awarded to Citizen Lab)  
2010 - Carolyn Tuohy Award for Public Policy  
2002 - University of Toronto Outstanding Teaching Award  
2002 - The Northrop Frye Distinguished Teaching and Research Award  
2002-2004 - Ford Foundation Research Scholar of Information and Communication Technologies

#### **5. PROFESSIONAL AFFILIATIONS AND ACTIVITIES**

Editorial Board: International Political Sociology, International Studies Perspectives, Astropolitics, Explorations in Media Ecology; Security Dialogue.

Advisory Boards: Human Rights in China, Access Now, Lake Ontario Waterkeepers, Privacy International.

Steering Committee, World Movement for Democracy, National Endowment for Democracy

B. **ACADEMIC HISTORY**

6. A. **RESEARCH ENDEAVOURS**

Director, Citizen Lab, 2001-present  
Director, Canada Centre for Global Security Studies, 2010-present  
Founder, Principal Investigator, OpenNet Initiative, 2002-present  
Founder, Principal Investigator, Information Warfare Monitor, 2002-2012  
Co-Inventor, Psiphon

B. **RESEARCH AWARDS** (grants, contracts, fellowships) during preceding 5 years including:

International Development Research Centre (IDRC)  
- April 2012. Two Years  
- 1,200,000.00

John D. and Catherine T. Macarthur Foundation.  
- March 2010. Two Years  
- 350,000

Social Sciences and Humanities Research Council (SSHRC)  
- 2009 Three Years  
- 52,000

International Development Research Centre (IDRC)  
- 2007 Three Years  
- 1,055, 231.00

Donner Canada Foundation,  
- 2008 One Year  
- 30,000.00

John D. and Catherine T. Macarthur Foundation  
- 2006 Three Years  
- 3, 000000 (administered by Harvard – subcontract to Citizen Lab)

C. **SCHOLARLY AND PROFESSIONAL WORK\***

Note: the number of pages must be indicated for all publications listed

7. Refereed publications (list published work or work accepted for publication in chronological order).

A. Articles

Crete-Nishihata, M., Ron Deibert, and Adam Senft, (2013), “Not By Technical Means Alone: the Multidisciplinary Challenges of Studying Information Controls,” (May/June) Special Issue on Internet Censorship and Control.

Deibert, R. “The Growing Dark Side of Cyberspace (. . . and What To Do About It),” in *Penn State Journal of Law & International Affairs*, Volume 1, Issue 2. November 2012.

Deibert, R., and Crete-Nishihata, M. (2012) “Global Governance and the Spread of Cyberspace Controls,” *Global Governance*. 18:3, 339-361

Deibert, R., Rohozinski R., and Crete-Nishihata, M. (February 2012). Cyclones in Cyberspace: Information Shaping and Denial in the 2008 Russia-Georgia War. *Security Dialogue*. 43 (1).

Deibert, R. and Crete-Nishihata, M. "Blurred boundaries: Probing the Ethics of Cyberspace Research," in *Review of Policy Research*, (Volume 28, Number 5, 2011), pp. 531-537.

Deibert, R. and Rohozinski, R. "Liberation vs. Control: The Future of Cyberspace," in *Journal of Democracy*, (Vol. 21, No. 4, 2010), pp. 43-57.

Deibert, R. and Rohozinski, R. "Risking Security: The policies and paradoxes of cyberspace security," in *International Political Sociology*, Volume 4 Issue 1, Pages 15 – 32.

Deiber, R. and Rohozinski, R. "Internet Governance" *International Studies Quarterly* compendium. (Online)

"Deep Probe: The Evolution of Network Intelligence," *Intelligence and National Security*, (Volume 17, No 1, 2004).

"Black Code: Censorship, Surveillance, and Militarization of Cyberspace," *Millennium: Journal of International Studies*, (Vol. 32, No. 3, 2003)

"Hacking Networks of Terror," with Janice Stein. *Dialog-IO*, (Spring 2002), pp. 1-14.

"Dark Guests and Great Firewalls: Chinese Internet Security Policy," *Journal of Social Issues*, (2001) 58, 1: 143-158.

"International Plug n' Play? Citizen Activism, the Internet, and Global Public Policy," *International Studies Perspectives*, (Vol. 1, No. 3, 2000), pp. 255-272.

"Harold Innis and the Empire of Speed," *Review of International Studies*, (Vol. 25, No. 2, April 1999).

"Virtual Resources: International Relations Research on the Internet," *International Organization* 52, 1 (Winter 1998), pp. 221-221.

"Exorcismus Theoriae: Pragmatism, Metaphors and the Return of the Medieval in IR Theory," *European Journal of International Relations*, (Vol. 3, No. 2, June 1997): 167-192.

"Typographica: the medium and the medieval to modern transformation," *Review of International Studies* 22 (January 1996), pp. 29-56.

## B. Books and/or Chapters

*Black Code Inside the Battle for Cyberspace*. Random House/ McLelland and Stewart, forthcoming 2013.

Matthew Carrieri, Ron Deibert, and Saad Omar Khan. "Information Infrastructure, State Power, and Anti-Regime Protests: The Case of Iran and Tunisia." Published in *State Power 2.0: Authoritarian Entrenchment and Political Engagement Worldwide*, Ashgate Publishing, 2013. Ed. Muzammil M. Hussain and Philip N. Howard.

"Beyond National-Level Controls," in Larry Diamond and Marc F. Plattner (eds.) *Liberation Technology: Social Media and the Struggle for Democracy*, Johns Hopkins University Press: 2012

Access Contested: Toward the Fourth Phase of Cyberspace Controls," with John Palfrey, Rafal Rohozinski, and Jonathan Zittrain in Ronald Deibert, John Palfrey, Rafal Rohozinski, and Jonathan Zittrain (eds.), *Access Contested: Security, resistance, and identity in Asian Cyberspace*, (Cambridge: MIT Press, 2011).

"Contesting Cyberspace and the Coming Crisis of Authority," with Rafal Rohozinski, in Ronald Deibert, John Palfrey, Rafal Rohozinski, and Jonathan Zittrain (eds.), *Access Contested: Security, resistance, and identity in Asian Cyberspace*, (Cambridge: MIT Press, 2011).

"Control and Subversion in Russian Cyberspace," with Rafal Rohozinski, in *Access Controlled: Policies and Practices of Internet Filtering and Surveillance*, (Cambridge: MIT Press, 2010). Co-editor with John Palfrey, Rafal Rohozinski, and Jonathan Zittrain

"Beyond Denial: Shaping Cyberspace," with Rafal Rohozinski, in *Access Controlled: Policies and Practices of Internet Filtering and Surveillance*, (Cambridge: MIT Press, 2010). Co-editor with John Palfrey, Rafal Rohozinski, and Jonathan Zittrain

- "Undercover of the Net," with (Rafal Rohozinski) in Anne Clunan and Harold Trinkunas, (eds.) *Ungoverned Spaces? Alternatives to State Authority in an Era of Softened Sovereignty* (Stanford University Press: 2009)
- "Protect the Net: The Looming Destruction of the Global Communications Environment," in Mark Kingwell and Patrick Tunnel, (eds.) *Rites of Way: The Politics and Poetics of Public Space*, (Wilfed Laurier Press, 2009)
- "The Geopolitics of Internet Control: Censorship, Sovereignty and Cyberspace," in Andrew Chadwick and Philip N. Howard, (eds.) *Routledge Handbook of Internet Politics*, New York: Routledge, 2008. Online version here: [http://www.handbook-of-internet-politics.com/pdfs/chapter\\_23.pdf](http://www.handbook-of-internet-politics.com/pdfs/chapter_23.pdf)
- "Black Code Redux," in Megan Boler, ed. *Tactics in Hard Times*, (MIT Press, 2008).
- "Good for Liberty, Bad for Security? Internet Securitization and Global Civil Society," (with Rafal Rohozinski), in *Access Denied: The Practice and Policy of Internet Filtering*, eds. Deibert et al. (MIT Press, 2008).
- "Between Essentialism and Constructivism: Harold Innis and World Order Transformations," in *The Toronto School of Communication Theory: Interpretations, Extensions, Applications*  
Edited by Rita Watson and Menahem Blondheim, University of Toronto Press, 2007.
- "Controlling the Internet," (with Rafal Rohozinski) in Mary Kaldor (ed.) *Global Civil Society Yearbook 2008*. Oxford University Press.
- "Firewalls and Power: An Overview of Global State Censorship of the Internet," with Nart Villeneuve, in Klang, M. & Murray, A., (eds) *Human Rights in the Digital Age*, (Cavendish Publishing London 2004).
- "Social and Electronic Networks in the War on Terror," with Janice Gross Stein, in Robert Latham, (ed.) *Bombs and Bandwidth: The Emerging Relationship between IT and Security*, (New York: Free Press, 2003).
- "Unfettered Observation: The Politics of Earth Monitoring From Space," in Harry Lambright, (ed.) *Space Policy for the 21st Century*, (NY: Johns Hopkins University Press, 2003).
- "Hyper-Realities of World Politics: Theorizing the Communications Revolution," in Evan Potter, (ed.) *Cyber-Diplomacy: Managing Foreign Policy in the 21st Century*, (McGill-Queen's University Press, 2003).
- "Civil Society Activism on the World Wide Web: the Case of the anti-MAI Lobby," in David R. Cameron and Janice G. Stein, (eds.) *Street Protests and Fantasy Parks: Globalization, Culture and the JState*, (Toronto: UBC Press, 2003).
- "The Politics of Internet Design: Securing the Foundations for Global Civil Society Networks," in Stephen Coleman, (ed.) *The E-Connected World: Its Social and Political Implications*, (McGill University Press, 2003).
- "Circuits of Power: Security in the Internet Environment," in J.P. Singh and James N. Rosenau, (eds.) *Information Technologies and Global Politics: the Changing Scope of Power and Governance*, (NY: Suny Press, 2002), pp. 115-142.
- "Neo-Medievalism," in R. J. Barry Jones, (ed), *Routledge Encyclopaedia of International Political Economy*, June 2001.
- "Network Power," Richard Stubbs and Geoffrey Underhill, (eds.) *Political Economy and the Changing Global Order*, 2nd edition. (New York: Oxford University Press, 1999).
- "Out of Focus: U.S. Military Satellites and Environmental Rescue," in Daniel H. Deudney and Richard Matthew, (eds.) *Contested Grounds: Conflict and Security in the New Environmental Politics*, (New York: SUNY Press, 1999).
- "Altered Worlds: Social Forces in the Hypermedia Environment," in Leslie Pal and Cynthia Alexander, (eds.), *Digital Democracy: Politics and Policy in the Wired World*, (New York: Oxford University Press, 1998).
- Parchment, Printing, and Hypermedia: Communication in World Order Transformation*, (New York: Columbia University Press, 1997).
- "Psychological Biases in Counterfactual Thought Experiments," (co-authored with James M. Olson and Neal J. Roese) in Philip E. Tetlock and Aaron Belkin, *Counterfactual Thought Experiments in World Politics*, (Princeton: Princeton University Press, 1996), pp. 296-300.

C. Books edited

Access Contested: Security, Identity, and Resistance in Asian Cyberspace, (Cambridge: MIT Press, 2011). Co-editor with John Palfrey, Rafal Rohozinski, and Jonathan Zittrain

Access Controlled: Policies and Practices of Internet Filtering and Surveillance, (Cambridge: MIT Press, 2010). Co-editor with John Palfrey, Rafal Rohozinski, and Jonathan Zittrain

Access Denied: The Practice and Policy of Internet Filtering, (Cambridge: MIT Press, 2008). Co-editor, with John Palfrey, Rafal Rohozinski, and Jonathan Zittrain.

8. Non-Refereed Publications (list as in 7 above).

Deibert, R. "[Canada and the Challenges of Cyberspace Governance and Security](#)," in The School of Public Policy at the University of Calgary, SPP Communique, Volume 5, Issue 3. March 2013.

Deibert, R. "Distributed Security as Cyber Strategy: Outlining a Comprehensive Approach for Canada in Cyberspace". Canadian Defence & Foreign Affairs Institute. 23 August 2012.

Deibert, R. "Social Media, Inc.: The Global Politics of Big Data". World Politics Review. 19 June 2012.

Deibert, R. "Securing Cyberspace: Canada needs to set an example for global Internet security." Canadian Journalists for Free Expression's Review of Free Expression in Canada 2011/2012.

Deibert, R. "Towards Stewardship in Cyberspace". The G8 Research Group. 18 May 2012.

Citizen Lab. (Number 16-April 2013). Permission to Spy: An Analysis of Android Malware Targeting Tibetans. [Download PDF]

Morgan Marquis-Boire (lead technical research) and Jakub Dalek (lead technical research), Sarah McKune (lead legal research), Matthew Carrieri, Masashi Crete-Nishihata, Ron Deibert, Saad Omar Khan, Helmi Noman, John Scott-Railton, and Greg Wiseman. (Number 13- January 2013). Planet Blue Coat: Mapping Global Censorship and Surveillance Tools. [Download PDF]

Citizen Lab. (Number 10 – July 2012). Recent Observations in Tibet-Related Information Operations: Advanced Social Engineering for the Distribution of LURK Malware. [Download PDF]

Citizen Lab. (Number 8 – July 2012). Routing Gone Wild: Documenting Upstream Filtering in Oman via India. [Download PDF]

Citizen Lab. (Number 7 – June 2012). Spoofing the European Parliament. [Download PDF]

Citizen Lab and Canada Centre for Global Security Studies. (2011) Casting a Wider Net: Lessons Learned in Delivering BBC Content on the Censored Internet.

Citizen Lab. (2011). The Canadian Connection: An investigation of Syrian government and Hezbollah web hosting in Canada.

[http://citizenlab.org/wp-content/uploads/2011/11/canadian\\_connection.pdf](http://citizenlab.org/wp-content/uploads/2011/11/canadian_connection.pdf)

Citizen Lab. (2011). Behind Blue Coat: Investigations of commercial filtering in Syria and Burma. <http://citizenlab.org/2011/11/behind-blue-coat/>

"Big Data Meets Big Brother" Privacy International (Nov 2011): <https://www.privacyinternational.org/opinion-pieces/big-data-meets-big-brother>

"Questions of trust as we head into the "cloud" (Oct 31): <http://citizenlab.org/wp-content/uploads/2011/10/g20cannes2011-deibert.pdf>

(This article originally appeared in The 2011 G20 Cannes Summit published by the G20 Research Group.)

“Rescuing the Global Cyber Commons: An urgent agenda for the G8 meeting in Deauville, France (May 2011): <http://citizenlab.org/2011/05/rescuing-the-global-cyber-commons-an-urgent-agenda-for-the-g8-meeting-in-deauville-france/>

(This article originally appeared in The 2011 G8 Deauville Summit: New World, New Ideas published by the G20 Research Group.)

“Towards a cybersecurity strategy for global civil society?” GISWatch (2011): <http://www.giswatch.org/en/freedom-association/towards-cyber-security-strategy-global-civil-society>

Deibert, R. (2010). “Asian Cyberspace on the Rise: Challenges and Opportunities for Canada,” Canada-Asia Agenda (Asia Pacific Foundation, Issue 20, September 13, 2011)

Deibert, R., Cyber Security: Canada is Failing the World, *The Huffington Post Canada*, May 26 2011

Deibert, R. and R. Rohozinski, The New Cyber Military Industrial-Complex, *Globe and Mail*, March 28 2011

Deibert, R., The Post-Cable gate Era, *the New York Times*, December 11 2010

Deibert, R. and R. Rohozinski, Meet Koobface, Facebook’s Evil Doppelganger, *Globe and Mail*, November 12 2010

Deibert, R., Worse Than You Think, *New York Times*, September 22 2010

Deibert, R., Cyberspace Confidential, *Globe and Mail*, August 8, 2010

Deibert, R. “Toward a Cyber Security Strategy,” *Vanguard* (March/April 2010), pp.10-11.

Deibert, R. and R. Rohozinski, Breaking Up Dark Clouds in Cyberspace, *Globe and Mail*, April 6, 2010.

Information Warfare Monitor and Shadowserver Foundation (2010). *Shadows in the Cloud: Investigating cyber espionage 2.0*

Deibert, R. (2010). *China’s Cyberspace Control Strategy: An Overview and Consideration of Issues for Canadian Policy*, Canadian International Council China Papers Number 7, February 2010

Deibert, R. and R. Rohozinski, Google, China, and the coming threat from cyberspace, *Christian Science Monitor*, January 28, 2010.

Deibert, R., More than a Tech Problem, *New York Times*, January 16, 2010.

Deibert, R., Google, China, and a Wake Up Call to Protect the Net, *Globe and Mail*, January 14, 2010.

Deibert, R., Smarter Sleuthing can Save our Online Privacy, *Globe and Mail*, November 2, 2009.

Deibert, R. and R. Rohozinski, Ottawa Needs a Strategy for Cyberwar, *National Post*, June 30, 2009.

Deibert, R., Arms Control in Cyberspace, *New York Times*, May 29, 2009.

Information Warfare Monitor. (2009). *Tracking GhostNet: Investigating a Cyber Espionage Network*

OpenNet Initiative, *Internet Filtering in Vietnam in 2005-2006: A Country Study (2006) Co-Principal Investigator*

OpenNet Initiative, *Internet Filtering in Yemen in 2004-2005: A Country Study (38 pages). (2006) Co-Principal Investigator*

OpenNet Initiative, *Internet Filtering in Tunisia in 2005: A Country Study (26 pages). (2006) Co-Principal Investigator.*

OpenNet Initiative, *Internet Filtering in Burma, 2005: A Country Study (25 pages). (2006) Co-Principal Investigator.*

OpenNet Initiative, *Internet Filtering in Singapore, 2004-2005: A Country Study (22 pages). (2005) Co-Principal Investigator.*

OpenNet Initiative, Internet Filtering in Iran, 2004-2005: A Country Study (29 pages). (2005) Co-Principal Investigator.

OpenNet Initiative, Internet Filtering in China 2004-2005: A Country Study (59 pages). (2005) Co-Principal Investigator.

OpenNet Initiative, Internet Filtering in Bahrain in 2004-2005: A Country Study (19 pages). (2005) Co-Principal Investigator.

OpenNet Initiative, Internet Filtering in United Arab Emirates in 2004-2005: A Country Study (35 pages). (2005) Co-Principal Investigator.

OpenNet Initiative, Internet Filtering in Saudi Arabia in 2004-2005: A Country Study (47 pages). (2005) Co-Principal Investigator.

OpenNet Initiative Bulletins (001-006)

All available online at <http://www.opennet.net/>

Everyone's Guide to By-Passing Internet Censorship for Citizens Worldwide (September 2007), Citizen Lab, Munk Centre for International Studies, 31 pages, translated into Arabic, French, Burmese. Forthcoming additions: Russian, Chinese, Farsi.

Written and Oral Testimony. "Panel III: Access to the Internet and the Participation of U.S. & Western Firms in Chinese Internet Controls." In US-China Economic and Security Review Commission. Washington D.C.: US Government. June 18, 2008.

E-Democracy: Current Trends and Future Prospects. A Report to the Panel on the Role of Government, Ontario, (May 2003), 44 pages.

Security in the Internet Environment: Issues for Canadian Foreign Policy, (Ottawa: Canadian Centre for Foreign Policy Development, 1998).

ISMA Re-Appraised: The Politics of Multilateral Satellite Reconnaissance, Ottawa: Arms Control and Disarmament Division, Foreign Affairs and International Trade, Canada, 1994)

Satellite Reconnaissance for Multilateral Verification: Nuclear Non-Proliferation Treaty, Nuclear Test Ban, and Chemical Weapons Convention, (Ottawa: Arms Control and Disarmament Division, Foreign Affairs and International Trade, Canada, 1993).

"The Virtual Absence of Malice: Cyber Security and Threat Politics," review of Myriam Dunn Cavelty, *Cyber-Security and Threat Politics: US efforts to secure the information age*, Routledge Press, 2008, forthcoming in *International Studies Review*

Review of Post-Realism: The Rhetorical Turn in International Relations, (Edited by Francis Beer and Robert Hariman) in *American Political Science Review*, (Vol. 92, No. 3, September 1998), pp. 742 - 743.

Review of Critical Security Studies, (Edited by Keith Krause and Michael Williams) in *International Journal*, (Spring 1998), pp. 375-376.

Review of *The Global Political Economy of Communications*, (Edited by Edward Comor), in *International Journal*, (Autumn 1997), pp. 384-385.

9. Manuscripts/publications, etc. in preparation and submitted to publishers but not yet accepted.

10. Papers presented at meetings and symposia (selected).

"Materialism and the Geopolitics of Cyberspace," Prepared for workshop on *Back to Earth? Reconsidering Material-Contextual Theorizing of World Politics*, Princeton University, April 26-27, 2013.

“Cybersecurity and China,” at the Canadian Security and Intelligence Service (CSIS) China conference, February 28-March 02, 2013-04-25

Keynote, “The global battle for the future of cyberspace” at the Scientific Council for Government Policy (WRR) in Den Haag (The Hague), Netherlands, on 22 November 2012.

Keynote, “The Coming Perfect Storm in Cyberspace,” Delivered to the Emerging Cyber Security Threats conference at the Baker Institute, Rice University, Houston Texas, September 18, 2012.

“Distributed Security as Cyber Strategy,” University of Calgary, School of Military and Strategic Studies, May 24, 2012.

Deibert, R., and Crete-Nishihata, M. (2012). “Global Governance and the Spread of Cyberspace Controls,” *53 Annual International Studies Association Convention*, April 2012, San Diego, CA.

Deibert, R., Rohozinski R., and Crete-Nishihata, M. (2011). Data Fusion Methodology and the Geopolitics of Cyberspace. *52 Annual International Studies Association Convention*, March 2011, Montreal, QC.

Deibert, R., Rohozinski R., and Crete-Nishihata, M. (2010). Cyclones in Cyberspace: Information Shaping and Denial in the 2008 South Ossetia War. *51 Annual International Studies Association Convention*, February 2010, New Orleans, LA.



11. Invited Lectures (selected)

Keynote Panel, "Cyber Espionage," Canadian Bar Association Annual Conference, Toronto Ontario, April 15<sup>th</sup>, 2013, <http://www.ccca-accje.org/toronto2013/>

"International Engagement in Cyberspace," April 10, 2013 at Georgetown University's Institute for Law, Science and Global Security

Keynote, Literary Review of Canada, "The Battle for Cyberspace," April 1, 2013, Gardiner Museum, Toronto, Ontario.

Keynote, "A Global Village? Hacktivists, Cyber Warriors and International Relations," International Relations Society, University of Toronto, January 26, 2013.

"Big Data Meets Big Brother," Vic One First Year Experience lecture series, Northrop Frye Hall, Room 003, 73 Queen's Park Crescent, Vic College, University of Toronto, January 9, 2013

Keynote, "The global battle for the future of cyberspace" at the Scientific Council for Government Policy (WRR) in Den Haag (The Hague), Netherlands, on 22 November 2012.

Saul Goldstein Memorial Lecture, "Big Data Meets Big Brother," University of Toronto, November 1, 2012.

Keynote Panel, "Building a Digital Society: Social Media and the Global Public Square," WCIT 2012 World Congress on Informational Technology, Oct 22-24, 2012, Montreal, Que.

Keynote, "Big Data Meets Big Brother," Canadian Perspectives Lecture Series, George Ignatieff Theatre, University of Toronto, October 17, 2012.

Keynote, "Big Data Meets Big Brother," Watson Institute, Brown University, Cyber Security Series, October 10, 2012.

Keynote, "Civil Society and Cyber Security," NCUC Policy Conference: **ICANN & Internet Governance: Security & Freedom in a Connected World** *hosted by ICANN's Non-Commercial Users Constituency (NCUC)* Fairmont Royal York Hotel Friday, Oct 12 2012.

Keynote, "The Coming Perfect Storm in Cyberspace," Delivered to the Emerging Cyber Security Threats conference at the Baker Institute, Rice University, Houston Texas, September 18, 2012.

Toronto International Film Festival, "Underground," Special Screening and Panel with Director, September 10, 2012.

ISA President's Panel (Panellist) "Power in the Global Information Age," 53 Annual International Studies Association Convention, April 2012, San Diego, CA.

"Big Data meets Big Brother: the political economy of cyberspace controls" Centre for Unconventional Security, UC-Irvine, April 3, 2012

"Big Data meets Big Brother: the political economy of cyberspace controls" Liu Institute for Global Issues, University of British Columbia, March 2, 2012

"Special Forum on the Future of Cyber security and Active Defense" RSA 2012 panel with Jim Dempsey, Lt Gen (Ret) Kenneth Minihan, General Michael Hayden, February 28 2012.

"A Perfect Storm in Cyberspace," Clarke Forum for Contemporary issues at Dickinson College, February 1, 2012.

"Beware of 'Surveillance by Design: Standing up for Freedom and Privacy," Information and Privacy Commissioner of Ontario, January 27, 2012.

"The Coming Perfect Storm in Cyberspace," King's College War Studies Department, November 3, 2011

"Securing the Cyber Commons?" Keynote, SC Congress, Toronto, Canada, June 14, 2011

"The Coming Perfect Storm in Cyberspace," Keynote, Mesh Conference, Toronto Canada May 25, 2011

“The Hidden Geopolitics of Cyberspace,” The USC Center on Public Diplomacy and the USC Master’s in Public Diplomacy program, Annenberg School of Communications, UCLA, September 27, 2010

Workshop on Media Suppression, Nathanson Centre on Transnational Rights, Shulich School of Business, York University, March 16, 2010, “Geopolitics of Cyberspace.”

Conference of Defence Association, March 3, 2010, “Canada and Cyber Security,” Ottawa

“Beyond Denial: Introducing Next Generation Controls,” Google Policy Talk, Google Headquarters, California. December 8, 2009.

“Beyond Denial: Introducing Next Generation Controls,” Giganet Keynote Presentation, Internet Governance Forum, Egypt, November 2009.

The Geopolitics of Cyberspace: An Overview of the Methodology and Outputs of the Citizen Lab,” University of Ottawa, Centre for International Policy Studies, October 14, 2009.

“Cyberspace Security,” Office of the Privacy Commissioner, Canada, October 14, 2009.

“Geopolitics of Cyberspace,” Canadian Embassy, Washington DC. June 4, 2009.

D. **COURSES AND SUPERVISION**

Undergraduate courses Pol. 108, 208, 437, A83, A84

Graduate courses Pol. 2240, 2200, JHP 2230, GLA2010

**Doctoral Students supervised:**

Ali Bangi, Iranian Internet Controls, 2010-present.

Igor Valentovich, Ethnic Minority Media in Central Europe, 2010- present

Katherine Reilly, “Open Networking in Central America: The Case of the Mesoamerican People’s Forum,” Completed 2010.

Nisha Shah, “From Global Village to Global War on Terror,” Completed November 24, 2008.

**Post-doctoral students supervised:**

Dr. Phillipa Gill 2012-present

Dr. Eneken Tikk-Ringas 2011-2012

Dr. Stefania Milan 2011-2012

Dr. Brenden Kuebris 2011 – 2012

E. **ADMINISTRATIVE POSITIONS**

13. A. Positions held and service on committees and organizations within the University.

IR Area Group Convenor

MA Director, MAIR Coordinator, Political Science Strategic Planning Committee, IR Area Group Convenor, Graduate Admissions Committee

Director, Canada Centre for Global Security Studies

Director, Citizen Lab

F. **OTHER RELEVANT INFORMATION**

Three Invention Disclosures awarded by the University of Toronto's invention disclosure office.