**TRACY KOSA**
Adjunct Professor
Seattle University
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PROFESSIONAL EXPERIENCE

Adjunct Professor, Seattle University, Seattle WA, 2014-present
*Dual appointed Faculty of Law (2014-) and Albers School of Business (2019-)*

Sr. Staff Privacy Engineer, Google, Seattle WA, 2016-present

Director, Privacy, Microsoft, Redmond WA, 2012-16

Sessional Faculty, Seneca College of Applied Arts and Technology, Toronto ON, 08-2012

Teaching Assistant, University of Ontario Institute of Technology, Toronto ON, 2009-12
Computer Science Department, Narrative Structures in the Digital Age (2012)
Faculty of Business and IT, Information Systems (2010)
Computer Science Department, Computers and Media (2009, 2010)

Team Lead, Provincial Privacy Cent(re), Government of Ontario, Toronto ON, 2007-12

Privacy Officer, University Health Network, Toronto ON, 2006-7

Teaching Assistant, Ryerson University, Faculty of Arts, 2004-6
Introduction to Political Science (2004, 2005, 2006)

Analyst, Privacy, Smart Systems for Health Agency, Toronto ON, 2004-6

Researcher, Political Science Department, York University, Toronto ON, 2003-4

Researcher, Political Science Department, University of Windsor, Windsor ON, 1998-0

EDUCATION

Doctoral          Ph.D., Faculty of Science, Computer Science, University of Ontario
                  Institute of Technology, Toronto ON, 2015

Graduate          M.A., York University, Toronto ON, 2004
                  M.A., University of Manitoba, Winnipeg MB, 2001

Undergraduate     Hons. B.A., University of Windsor, Windsor ON, 2000

SUBJECT MATTER EXPERTISE & COURSES TAUGHT

| | | |
|---|---|---|
| Ethics in Technology | Values Engineering | Concepts in Privacy |
| Measuring Human Values | Data Modeling | Program Management |
| Privacy Assessment | Concepts in Trust | Risk / Incident Management |
| Political Systems | Health Privacy | Human Factors in Design |
| Privacy Compliance | Education Privacy | Finance Privacy |

FELLOWSHIPS, RESIDENCES AND GRANTS

| | |
|---|---|
| Postdoctoral | Digital Civil Society Lab, PACS, Stanford University, 2017-2018 *"Privacy Patterns", leading a team of 4 researchers* |
| | Center for Information Policy Leadership, Hunton & Williams, 2015-present *Privacy risk modeling, privacy impact assessments, audits* |
| Residencies | Oxford Internet Institute, University of Oxford, 2011 *Human factors in privacy measurement* |
| | International Federation for Information Processing, Denmark Technical Institute, 2011 *Privacy measurement in computational modeling* |
| | Political Psychology, Ohio State University, Columbus OH, 2002 *Human factors in political systems* |

PUBLICATIONS

*Dissertation*

Measuring Privacy, Journal of Internet Services and Information Security, November 2011 (with Khalil el-Khatib, Stephen Marsh)

*Conference Papers*

Paper delivered at the 3rd ACM Symposium on Design and Analysis of Intelligent Vehicular Networks and Applications (DIVANet'13) at Barcelona Spain, November 2013, on Privacy Representations in Vehicular Ad Hoc Networks (VANET) (with Khalil el-Khatib, Stephen Marsh)

Paper delivered at the International Conference on Wireless Communications at Banff BC, July 2012, on Privacy Implications of GSM (with Khalil el-Khatib, Stephen Marsh)

Paper delivered at the Eighth Annual Conference on Privacy, Security and Trust at Ottawa ON, August 2010, on Vampire Bats: Trust in Privacy

Paper delivered at the Sixth Annual Conference on Privacy, Security and Trust at Fredericton NB, October 2008, on Incorporating Privacy Outcomes: Teaching an Old Dog New Tricks (with Ed Brown)

Paper delivered at a joint iTrust and PST Conference on privacy, trust management and security in computing at Moncton NB, August 2007, on Towards a Model for Risk and Consent Management of Private Health Information (with Scott Buffet)

## *Opinion Pieces*

Ask Away on Privacy, Advice Column in Security Matters Magazine (now SP&T News), January 2010 through April 2012.

Legislation Provides a Guide to Protecting Privacy of Information in Municipal Systems, Municipal Interface, January 2009.

## *Book Chapters*

Public Privacy and Brick Houses Made of Glass, International Federation for Information Processing Trust Management XII, **TBA** 2019 (with Stephen Marsh, Ada Diaconescu, David Evans, Peter Lewis, Sheikh Mahbub Habib)

Monitoring and Auditing Program Performance, PRIVACY PROGRAM MANAGEMENT 2nd EDITION (Russell Densmore, Ed.), February 2019

On Privacy, FOUNDATIONS AND TRENDS IN HEALTH WEB SCIENCES (Joanne S. Luciano, Ed.), January 2012

## *Works in Progress*

Privacy, Security and Trust: Data Modeling Subjective Topics for Business Decision Making, for Seattle University Albers School of Business, April 2019 (Coursepack)

Managing Privacy: Law Meets Computer Science, for Seattle University Faculty of Law and Department of Computer Science, January 2019 (Coursepack)

## *Selected Academic Presentations*

Lecture, Ethics in Technology, School of Law Externship Program, Seattle University, September 2019.

Lecture, Ethics in Technology: Policing, Masters in Information Management Program, University of Washington, February 2019

Lecture, Privacy Measurement, Digital Technologies and Culture Series, Seattle University, February 2018

Lecture, Measuring Privacy, Carnegie Mellon University, March 2015

Lecture, Privacy and Social Media, Dalhousie University, February 2014

Lecture, Measuring Privacy, Microsoft Research Privacy Workshop, June 2013

Lecture, Research and Social Media, McMaster University Research Ethics Board, May 2012

Lecture, Health Privacy Issues, McMaster University DeGroote School of Business, September 2009

## Government and Regulatory Presentations

Speaker, Privacy Impact Assessments: Building Scale, Information Management Access and Privacy Seminar, Ministry of Government Services, March 2011

Closed door meeting on Privacy Risk in Government Agencies on November 24 2009 hosted by the Information Privacy Commissioner / Ontario

## Other Presentations (Conferences, Invited, Webinar)

Workshop, Privacy Measurement, International Association of Privacy Professionals PSR: Privacy Security Trust, October 2018

Panelist, Ethics in Artificial Intelligence, Axon Accelerate, June 2018

Speaker, Privacy in the Digital Age, TechSoup Webinar, May 2018

Workshop, How to Measure Privacy, International Association of Privacy Professionals Canada Symposium, May 2018

Workshop, Privacy Measurement, International Association of Privacy Professionals Global Summit, March 2018

Speaker, Privacy Strategy, Data on Purpose, February 2018

Workshop, Measuring Privacy, International Association of Privacy Professionals Global Summit, March 2017

Speaker, Privacy Impact Assessments, Amsterdam Privacy Conference, October 2015

Speaker, Don't Be Scared (Probably), Tech Activism Seattle, May 2015

Panelist, Measuring Privacy Across Microsoft, International Association of Privacy Professionals Webinar, May 2015

Panelist, Privacy Politics, Seattle Speaks Town Hall and Community Forum, April 2015

Lecture, Monitoring for Privacy Compliance, ISACA Puget Sound Chapter Spring Seminar, March 2015

Workshop, Establishing an Effective Privacy Program, International Association of Privacy Professionals Global Summit, March 2015

Panelist, Privacy and Devices, Applied Brilliance, September 2015

Lecture, Measuring Privacy, ISACA Continuing Education Seminar, October 2014

Panelist, Measuring Privacy at Microsoft, International Association of Privacy Professionals Privacy Academy, September 2014.

Panelist, Ethics of Data Conference, Stanford University, September 2014

Panelist, Big Data, Privacy and Measurement, Computers Freedom and Privacy, June 2014

Speaker, Measurement, International Association of Privacy Professionals Canada Symposium, May 2014

Panelist, Corporate Privacy Strategy, Conference Board (US) Council of Chief Privacy Officers, March 2014

Speaker, Privacy and Programs, Personal Health Information Protection Act Summit, November 2013

Panelist, Facebook, Twitter and Gmail: Privacy Demonstration, NXNE Panel on Cyber Bullying and Online Privacy, June 2012

Workshop, Privacy Impact Assessments, ARMA International (Association of Records Managers and Administrators) Toronto Chapter, June 2012

Workshop, Whose Database is it Anyway? Governance and Accountability for Shared Information Repositories, International Association of Privacy Professionals Canada Symposium, May 2012

Workshop, Privacy Impact Assessments, Canadian Association of Privacy Professionals, May 2012

Lecture, Privacy Breaches, Giesecke+Devrient, October 2011

Workshop, Privacy and Security in a Technical Environment, ARMA International (Association of Record Managers and Administrators), May 2011

Speaker, Conflict Between Privacy and Security, Conference Board of Canada, January 2011

Workshop, Ctrl-X Ethics – The Information Warfare Monitor's Cyberspace Research Methods Workshop, University of Toronto, January 2011

Speaker, The Problem with Privacy is Security, Security Education Conference Toronto (SecTor), October 2010

Lecture, Privacy Compliance, ISACA Continuing Education Breakfast Session, October 2010

Lecture, Privacy Impact Assessments, Giesecke+Devrient, September 2010

Panelist, Wireless Sensor Networks and Privacy, The Canadian Institute, June 2010

Speaker, Privacy versus Security, Information System Security Association, April 2010

Speaker, Privacy Impact Assessments, Managing Privacy Compliance Conference, March 2010

Lecture, Privacy Requirements for Managing Student Data, Ontario Association of School Boards, January 2010

Panelist, Privacy Impact Assessments, CASCON IBM Canada Laboratory, November 2009

Speaker, Security and Privacy, Security Education Conference Toronto (SecTor), October 2009

Workshop, Privacy Impact Assessments Part 1, Part 2, Access and Privacy Conference, October 2009

Workshop, Privacy Impact Assessments, World Congress on Privacy, Security, Trust and the Management of e-Business Conference, August 2009

Speaker, Breaches: Privacy versus Security, Ontario Public Sector Security Conference, June 2009

Workshop, Privacy Impact Assessments, Canadian Association of Privacy Professionals, June 2009

Speaker, Privacy Enforcement and Consent Orders, Association of Forensic Investigators, May 2009

Speaker, eDiscovery and Privacy, Association of Forensic Investigators, May 2009

Speaker, Privacy Requirements for Municipalities, Municipal Information Systems Association, November 2008

Speaker, New Research on Canadian Privacy Breaches, Security Education Conference Toronto (SecTor), October 2008

Lecture, eDiscovery and Privacy, High Tech Crime Investigation Association, October 2008

Lecture, Protecting Your Private Parts: The Sequel, Toronto Area Security Klatch (TASK), June 2008

Lecture, Protecting Your Private Parts, Toronto Area Security Klatch, February 2008

Panelist, Managing Privacy Risk, Conference Board of Canada, September 2008

Workshop, Privacy Impact Assessments 101: The Basics, Access and Privacy Conference, October 2007

Speaker, HIPAA and Interoperability, Health Information Security and Privacy Collaborative, November 2006

OTHER PROFESSIONAL COMMUNITIES

Ombudsman and Advisory Board Member, Ethics in Policing Technologies, Axon (formerly Taser International), 2018-present

Advisory Board Member, Privacy, City of Seattle, 2014-2015

Advisory Board Member, Municipal Advocacy, Seattle Privacy Coalition, 2013-2014

PROFESSIONAL ORGANIZATIONS

Board Member, Research Committee, International Association of Privacy Professionals, 2017-2018

Board Member, Publications Committee, International Association of Privacy Professionals, 2017-2018

Member, International Association of Privacy Professionals, 2009 - 2018

Member, Canadian Association of Privacy Professionals, 2002 - 2012