Research focus: *The intersection of AI, cybersecurity/safety, governance, and legal liability*

ANDREA M. MATWYSHYN
andreamm@psu.edu

I.   EMPLOYMENT

Current appointments:

2019 - present	**Professor, The Pennsylvania State University**

- Joint appointment as tenured full professor in both law and engineering
- Member of Graduate Faculty
- Teaching: Policy Innovation Lab of Tomorrow Technology Practicum (capstone course of multidisciplinary Law, Policy & Engineering program); Information Security Law and Policy
- LLM teaching award nomination for 2020-2021

Professor of Law and Engineering Policy, School of Law
- Member, American Psychological Association, Divisions 1, 3, 7, 21
- Member, German Studies Association Member
- Faculty Associate, American Bar Association

Professor of Engineering Design, SEDI, College of Engineering

- Member, ACM
- Member, IEEE
- Anchor faculty member of Law, Policy, and Engineering Program

Founding Faculty Director, Penn State Policy Innovation Lab of Tomorrow (PILOT lab) – a technology policy lab among Penn State College of Engineering, Law, and School of International Affairs to bridge the gap between academic research and the needs of policymakers
https://www.pilotlab.org/

- Conceptualized, funded, branded, and launched lab focused on translational work and evidence-based research in technology policy
- Anchor project of the Penn State Law, Policy, and Engineering Program
- Manage and fund team of post-docs, graduate students from across the university, external international academic affiliates, industry affiliates, and Penn State faculty affiliates
- Placed students in permanent technology roles in both the private sector and federal/state agencies
- Organized conferences with international partners on AI topics

Founding Faculty Director, Penn State Law Manglona Lab – an interdisciplinary lab focused on technology, gender, and economic opportunity
https://www.manglonalab.org/

- Conceptualized, funded, branded, and launched lab with $1m gift
- Set research direction for the lab
- Chaired hiring committee for executive director to manage lab and launch litigation clinic
- Built initial roster of faculty affiliates across the university
- Supervise clinical professor/executive director in course offerings, research, and strategy-setting for future initiatives

Steering Committee Member, Penn State Center for Socially Responsible Artificial Intelligence, https://ai.psu.edu/directory/affiliates

Affiliate Faculty, Bioethics Program, College of the Liberal Arts
https://bioethics.psu.edu/people/andrea-m-matwyshyn-2/

- Regular guest lectures in bioethics seminars

Associate Dean of Innovation, School of Law (University Park), 2019-2025
- Conceptualized, pitched, funded, branded, and launched two new research labs, including building their websites
- Framed curricula of two new classes to accompany the labs
- $1.8m+ raised since 2019 in corporate and private gifts
- Manage Penn State Law and Monash Law AI policy collaboration
- Faculty sponsor, Data and Information Security Club (DISC)
- Alumni lecture 2024: AI and Legal Ethics

Affiliate Faculty, Institute for Computational Data Science, 2023-2025
https://www.icds.psu.edu/about/meet-the-icds-team/directory/

July 2023 – present

Affiliate Scholar, Digital Law Group, Monash University

2021 - present

Research Scholar Advisory Committee Member, Kluge Center, Library of Congress

2012 - present

Affiliate Scholar, Center for Internet and Society, Stanford Law School
- Participant in a group of scholars researching technology policy

Past primary academic appointments:

2015 – 2019

Professor of Law, School of Law, Northeastern University
- Teaching: Internet Law, Information Security/ "Cybersecurity" and Privacy Law, Introduction to Intellectual Property, Contracts
- Research faculty sponsor: Community Business Clinic
- Service: Member of two hiring committees and faculty scholarship promotion committee
- Served as a legal subject matter expert reviewer for the DEFCON information security conference (the largest international computer security conference)

Professor of Computer Science, School of Computing and Information Science, Northeastern University (courtesy - as of Oct. 1, 2015)

Founding Faculty Co-Director, Center for Law, Innovation and Creativity (CLIC)
- Co-founded technology law and policy center
- Primary responsibility for naming, branding, and initial website

development
- Collaborated with co-founder of development of strategic vision and oversight of administrative staff
- Planned, staffed, promoted, and executed a series of "hackathons" focused on technology policy issues

2007 – 2014	***Assistant Professor***, Legal Studies and Business Ethics, The Wharton School, University of Pennsylvania

- Taught various business and technology law courses, including Securities Regulation, Marketing Law, and Internet Law

Faculty Affiliate, Center for Technology, Innovation and Competition, School of Law, University of Pennsylvania

2005 - 2007	***Assistant Professor***, Levin College of Law, University of Florida

- Taught Information Security Law, Internet Law, and Contracts

Founding Faculty Director, ICAIR Center for Information Research (research center across the law, business and engineering schools), University of Florida

- Conceptualized, branded, and launched technology research center
- Managed budget funded by endowment
- Engaged with trustees of ICAIR to provide updates and request additional support on behalf of UF Law
- Managed team of student volunteers
- Ran conferences and speaker series on technology and innovation   law topics including corporate information governance and privacy and security issues.

2003 – 2005	***Clinical Assistant Professor,*** School of Law/ Kellogg Graduate School of Management, Northwestern University

- Assistant Director, Small Business Opportunity Entrepreneurship Center,
- Taught doctrinal class on e-Commerce Regulation; co-taught Small Business Opportunity Law class
- Co-taught Information Security class in Computer Science
- Guest lecturer in various Kellogg classes
- Supervised student representations of technology entrepreneurs

Faculty Affiliate, NICO – Northwestern University Institute on Complex Systems, Northwestern University

Faculty Affiliate, Technology and Social Behavior Program, School of Communications, Northwestern University

Past government appointments and positions:

2022 – 2023	***Senior Special Advisor on Information Security and Data Privacy*** (3109 SGE), U.S. Consumer Financial Protection Bureau
2022 – 2023	***Senior Special Advisor on Law, Technology, and the Digital Economy*** (3109 non-SGE), U.S. Federal Trade Commission
2019 – 2020	***Digital Studies Fellow***, Kluge Center, Library of Congress • Resident researcher • Project: constitutional foundations of information security
2018 – 2021	***Consultant*** *(on retainer),* Cybersecurity Team, Center for Devices and Radiological Health, U.S. Food and Drug Administration
2016 – 2017	***Fulbright Commission US-UK Cyber Security Scholar*** in affiliation with U.S. Department of State (sponsor: Oxford Cyber Security Capacity Centre) https://fulbrightscholars.org/grantee/andrea-matwyshyn • Fall 2016: in London collaborating with UK government and UK academics
2013 – 2014	***Senior Policy Advisor and Scholar in Residence***, U.S. Federal Trade Commission (FTC), http://1.usa.gov/18KxYha • Advised FTC Commissioners and career staff in OPP and BCP on various technology policy issues, in particular corporate data security and privacy • Built relationship between the FTC and the DEFCON security conference; co-led a team of attorneys who ran an innovation contest under the America Competes Act - https://www.forbes.com/sites/kashmirhill/2014/08/21/the-ftcs-controversial-battle-to-force-companies-to-protect-your-data/

Past secondary academic appointments:

2019 – 2021	***Visiting Researcher***, Center for Internet and Society, French National Center for Scientific Research (CIS-CNRS), Sorbonne Université • Nonresident collaboration on the PILOT lab Computer Herstory Project https://cis.cnrs.fr/upr2000/equipe/

August 2018 –
 September 2018
	MacCormick Fellow, University of Edinburgh School of Law
	    • Honorary visitorship awarded to senior academics viewed as leaders at the forefront of technology law
	    • Seminar: The Internet of (Artificially Intelligent) Bodies https://www.youtube.com/watch?v=7Cs0yc9u-VE

2015 – 2017	***Visiting Research Collaborator***, Center for Information Technology Policy, Department of Computer Science/ School of Public and International Affairs, Princeton University • Nonresident research affiliate collaborating with a cross-disciplinary set of researchers at Princeton CITP on various technology policy matters.

January 2015 -
 June 2015
	Microsoft Visiting Professor of Information Technology Policy, Center for Information Technology Policy, School of Public and International Affairs/ Department of Computer Science, Princeton University
	    • Honorary visitorship awarded to senior academics viewed as leaders at the forefront of technology policy
	    • Taught Internet Law and Policy
	    • Led a team of computer scientists in successfully petitioning the Copyright Office for an exemption to Section 1201 of the Digital Millennium Copyright Act to allow security testing of all consumer devices, including election systems and medical devices
	    • Organized conference on law and physical harms from information security failures. https://web.archive.org/web/20230812155554/https://citp.princeton.edu/event/trusting-human-safety-to-software-what-could-possibly-go-wrong/

September 2014 – December 2014	***Visiting Researcher***, Center for Information Technology Policy, Department of Computer Science, School of Public and International Affairs Princeton University
Fall 2012	***Visiting Professor***, Notre Dame Law School

- Taught secured transactions and information security law

Summer 2011	*Visiting Scholar*, Oxford Internet Institute, University of Oxford
March 2011	*Visiting Scholar*, Indian School of Business
June 2009	*Visiting Scholar*, Singapore Management University School of Law
December 2003	*Visiting Research Fellow*, AHRB Centre for Studies in Intellectual Property and Technology Law, School of Law, University of Edinburgh
2003 - 2008	*Affiliate*, Centre for Economics and Policy (now Centre for Industry and Government), Institute for Manufacturing, School of Engineering, University of Cambridge

Past policy organization affiliations:

2017 – 2019	*Senior Fellow*, Cyber Statecraft Initiative, Atlantic Council, Washington DC • Nonresident affiliate of a policy think tank working on issues of corporate and national information security • Talk: *The Internet of Bodies* https://www.youtube.com/watch?v=bdqmCQc6oXY

Past law practice:

August 2001 - July 2003	*Associate*, Corporate and Securities group, Schwartz, Cooper (now Dykema), Chicago, IL • Represented corporate clients in mergers and acquisitions, securities regulation matters, technology transactions, and licensing
August 1999 - July 2001	*Associate*, Corporate and Securities group, Neal, Gerber and Eisenberg, Chicago, IL • Represented corporate clients in mergers and acquisitions, securities regulation matters, technology transactions, and licensing
Summer 1997	*Summer Associate*, Neal Gerber and Eisenberg, Chicago, IL

II.   PUBLICATIONS

A. Books

ANDREA M. MATWYSHYN, HARBORING DATA: INFORMATION SECURITY, LAW AND THE
CORPORATION, Stanford University Press (2009) (editor and contributor).

ANDREA M. MATWYSHYN & STEPHANIE K. PELL, (CYBER)SECURITY LAW AND POLICY: AN
INTRODUCTION TO PROBLEMS IN COMPUTER AND INFORMATION SECURITY (forthcoming
2025).
- Funded by a grant from the Hewlett Foundation
- Dynamic edition with interactive visual and auditory content
- Author of chapters on AI, health, corporate governance, financial services security, infrastructure security, international harmonization, and others

ANDREA M. MATWYSHYN, THE INTERNET OF BODIES – Sabbatical book project on AI policy and
body devices, expanding on my law review articles *The Internet of Bodies, Exploit Machina, and
The Internet of Latour's Things.* (in progress)

B. Major Law Journal Articles

Andrea M. Matwyshyn, *The Internet of Latour's Things,* 9 JOURNAL OF LAW & INNOVATION __
(2026). (in progress)
- On the intersection of AI policy, corporate governance, machine-human symbiosis, and legal liability

Andrea M. Matwyshyn, *Prospecting for Progress*, 29 VIRGINIA JOURNAL OF LAW
.&TECHNOLOGY__(2026). (in progress)
- Combining AI policy, Constitutional meanings of progress, and government procurement policy

Andrea M. Matwyshyn, *Exploit Machina*, 58 UC DAVIS LAW REVIEW (2025). (forthcoming – February 2026)

- Merging discussions of AI policy with insider threat theory, connected body devices, corporate governance, and prescriptive analytics history.

Andrea M. Matwyshyn and Miranda Mowbray, *Fake*, 42 CARDOZO LAW REVIEW 101 (2021).

- Creating a policy and legal taxonomy for AI and internet fakery to allow for international policy and legal harmonization

Andrea M. Matwyshyn, *The Internet of Bodies*, 61 WILLIAM & MARY LAW REVIEW 77 (2019).

- Credited with originating the legal and policy concept of the Internet of Bodies ("IoB") by the World Economic Forum, Rand Corporation, International Association of Privacy Professionals, CNBC

- Derivative policy reports/white papers on IoB authored by World Economic Forum and Rand Corporation

- IoB named "top tech trend" for 2020 by IEEE.

Andrea M. Matwyshyn and Stephanie K. Pell, *Broken,* 32 HARVARD JOURNAL OF LAW & TECHNOLOGY 479 (2019).

- Recommendations followed by Department of Justice CCIPS in 2022 CFAA charging guidelines interpretation

Andrea M. Matwyshyn, *CYBER!*, 2017 BYU LAW REVIEW 1109 (2018).

Andrea M. Matwyshyn, *Privacy, the Hacker Way,* 87 SOUTHERN CALIFORNIA LAW REVIEW 1 (2014).

Andrea M. Matwyshyn, *Hacking Speech: Informational Speech and the First Amendment,* 107 NORTHWESTERN LAW REVIEW 795 (2013).

- Selected for republication in ROD SMOLLA (ED.), FIRST AMENDMENT LAW HANDBOOK (Thompson Reuters West compendium of the year's most notable law review First Amendment scholarship)

Andrea M. Matwyshyn, *The Law of the Zebra*, 28 BERKELEY TECHNOLOGY LAW JOURNAL 1 (2013).

Andrea M. Matwyshyn, *Generation C: Childhood, Code, and Creativity,* 87 NOTRE DAME LAW REVIEW 1979 (2012).

Andrea M. Matwyshyn, *Hidden Engines of Destruction: The Reasonable Expectation of Code Safety and the Duty to Warn in Digital Products, 62* FLORIDA LAW REVIEW 1 (2010).

- Recommendations now followed as corporate norms of internet conduct by some companies.

Andrea M. Matwyshyn, *Imagining the Intangible,* 34 DELAWARE JOURNAL OF CORPORATE LAW 3 (2009).

Andrea M. Matwyshyn, *Technoconsen(t)sus,* 85 WASHINGTON UNIVERSITY LAW REVIEW 529 (2007).

Andrea M. Matwyshyn, *Material Vulnerabilities: Data Privacy, Corporate Information Security and Securities Regulation,* 3 BERKELEY BUSINESS LAW JOURNAL 129 (2005).

- Recommendations followed in part by Securities and Exchange Commission Guidance in 2011 and rules issued in 2023.

  Andrea M. Matwyshyn, *Of Nodes and Power Laws: A Network Theory Approach to Internet Jurisdiction through Data Privacy,* 98 NORTHWESTERN LAW REVIEW 493 (2004).

C. *Computer Science Articles and Conference Proceedings*

David Brumley, Robert Cunningham, Chris Dalton, Erik Debenedektis, Flavia Dinca, William G Dubyak, Nigel Edwards, Rhett Hernandez, Bill Horne, Brian David Johnson, Aleksandar Mastilovic, Andrea M. Matwyshyn, Avi Mendelson, Dejan Milojicic, Katie Moussouris, Adrian L. Shaw, Barry Shoop, Trung Tran, Mike Walker, *Artificial Intelligence and Machine Learning Applied to Cybersecurity,* IEEE SPECTRUM (2018).

Lilian Edwards, Andrea M. Matwyshyn, *Twitter (R)evolution: Privacy, Free Speech and Disclosure,* Proceedings of International World Wide Web Conference, May 13–17, 2013, Rio de Janeiro, Brazil in WWW 2013 Companion (ACM 978-1-4503-2038-2/13/05) (2013).

Andrea M. Matwyshyn, Salvatore Stolfo, Angelos Keromytis, Ang Cui, *Ethics in Security* Vulnerability *Research,* 8 IEEE SECURITY & PRIVACY 2 (2010).

D. Other Articles

Andrea M. Matwyshyn, *It's Morning Again in Pennsylvania: Rebooting Computer Security Through a Bureau of Technology Safety*, LAWFARE (2024). https://www.lawfaremedia.org/article/it-s-morning-again-in-pennsylvania-rebooting-computer-security-through-a-bureau-of-technology-safety

Andrea M. Matwyshyn, *Unavailable,* 81 UNIVERSITY OF PITTSBURGH LAW REVIEW 349 (2019).

Andrea M. Matwyshyn, *Cyber Harder*, 24 BOSTON UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY LAW 450 (2018).

Andrea M. Matwyshyn, *The 'Internet of Bodies' Is Here. Are Courts and Regulators Ready?,* Wall Street Journal, November 12, 2018, https://www.wsj.com/articles/the-internet-of-bodies-is-here-are-courts-and-regulators-ready-1542039566

Comm. Terrell McSweeny and Andrea M. Matwyshyn, *Hackback in black*, The Hill, Nov. 6, 2017, http://thehill.com/blogs/congress-blog/technology/358896-hackback-in-black.

Andrea M. Matwyshyn, *The Big Security Mistakes Companies Make When Buying Tech*, Wall Street Journal, March 13, 2017, https://www.wsj.com/articles/the-big-security-mistakeshttps://www.wsj.com/articles/the-big-security-mistakes-companies-make-when-buying-tech-1489372011companies-make-when-buying-tech-1489372011.

Andrea M. Matwyshyn, *Resilience: Building Better Users and Fair Trade Practices in Information,* 63 FEDERAL COMMUNICATIONS LAW JOURNAL 391 (2011).

Andrea M. Matwyshyn, *CSR and the Corporate Cyborg: Ethical Corporate Information Security Practices,* 88 JOURNAL OF BUSINESS ETHICS 579 (2010).

Andrea M. Matwyshyn, *Corporate Cyborgs and Technology Risks,* 11 MINNESOTA JOURNAL OF LAW, SCIENCE & TECHNOLOGY 573 (2010).

Andrea M. Matwyshyn, *Data Devolution: Corporate Information Security, Consumers and the Future of Regulation,* Introduction to symposium, CHICAGO KENT LAW REVIEW (2009).

Andrea M. Matwyshyn, *Technology, Commerce, Development, Identity, 8* MINNESOTA JOURNAL OF LAW, SCIENCE & TECHNOLOGY 515 (2007).

Andrea M. Matwyshyn, *Penetrating the Zombie Collective: Spam as an International Security Issue,* 4 SCRIPTed (2006).

Andrea M. Matwyshyn, *Silicon Ceilings: Information Technology Equity, the Digital Divide and the Gender Gap Among Information Technology Professionals,* 2 NORTHWESTERN JOURNAL OF TECHNOLOGY & INTELLECTUAL PROPERTY 1 (2004).

E. Journal Discussions, Reviews, Commentaries, and Posters

Andrea M. Matwyshyn, *Discussion of "Online Display Advertising: Targeting and Obtrusiveness" by Avi Goldfarb and Catherine Tucker*, 30 MARKETING SCIENCE 409 (2011).

Andrea M. Matwyshyn, *Behavioural Targeting of Online Advertisements and the Future of Data Protection,* 19 COMPUTERS AND LAW 6 (2009).

Andrea M. Matwyshyn, Book review: Ian Kerr, Valerie Steeves, Carole Lucock (Eds.), LESSONS FROM THE IDENTITY TRAIL (2009), 3 IDIS 363 (2009).

Andrea M. Matwyshyn, *Organizational Code: A Complexity Theory Perspective on Technology and Intellectual Property Regulation, FOREWORD,* 11 J. TECH. L. & POL'Y 1 (2006).

Andrea M. Matwyshyn, *Content Analysis of Comer SDP Plans*, poster in Slaughter-Defoe, D. (Organizer and Convener), et. al. Poster Symposium: Examining outcomes of the Chicago Comer SDP: School climate and child well-being. Poster Symposium presented at the biennial meeting of the Society for Research in Child Development, Minneapolis, MN (2001).

F. Book Chapters

Andrea M. Matwyshyn, *Fair(er) Legal Futures*, SANDRA STAUB (ED.), DESIGN CONSEQUENCES (2022).

Andrea M. Matwyshyn, *Of Pandemics and Progress*, in MARGARET HU (ED.), PANDEMIC SURVEILLANCE (2022).

Andrea M. Matwyshyn, *The New Intermediation: Contract, Identity and the Future of Internet Governance,* in IAN BROWN (ed.), RESEARCH HANDBOOK ON GOVERNANCE OF THE INTERNET, Edward Elgar (2013).

Andrea M. Matwyshyn, *Commentary: Social Media, Privacy and Children's Development,* in DIANA T. SLAUGHTER-DEFOE, RACE AND CHILD DEVELOPMENT, Karger (2012).

Andrea M. Matwyshyn, *Mutually Assured Protection: Toward Development of Relational Internet Data Security and Privacy Contracting Norms,* in Anupam Chander, Lauren Gelman, Margaret Radin (eds.), Securing Privacy in the Internet Age, Stanford University Press (2008).

Stephen M. Foxman, Andrea M. Matwyshyn, *Chapter 10,* in Kevin Cronin et al. West Treatise on Data Security and Privacy Law: Combating Cyberthreats, West-Thompson (2006).

G. Written Symposia Organization and Editing

Data Devolution: Corporate Information Security, Consumers, and the Future of Regulation, Chicago Kent Law Review (2009).

H. Work in Progress

Our Founding Hackers – Identifying information security practices of the Founding Era still relevant in modern information security practices today. (Spring 2027)

AI-sop's Fables (with Miranda Mowbray) – Proposing a sliding scale policy approach to AI regulatory oversight and international harmonization. (Spring 2026)

iTrust Antitrust – Analyzing AI and technology competition policy as a "company town" and corporate governance problem and proposing a reboot of Hart-Scott-Rodino Act implementation and policy. (Spring 2026)

Homicideware – Proposing a three-step policy and legal approach to deadly AI disasters that is informed by the history of U.S. engineering disasters and the legal constraints of the First Amendment and Federalism principles. (Spring 2026)

Superspreaders (follow-on article to *Fake*) – merging AI policy with content intermediation questions under CDA 230 and other intermediation regimes. (Spring 2027)

Internet of Bodies – Book project expanding on my law review articles *Internet of Bodies, Exploit Machina,* and *The Internet of Latour's Things*.

AI-sop's Fables (with Miranda Mowbray) – Book project expanding on my law review articles *Fake, AI-sop's Fables,* and *Superspreaders*.

Homicideware – Book project expanding on my law review article *Homicideware*.

Exploit Machina – Book project expanding on my law review articles *iTrust Antitrust* and *Prospecting for Progress*.

III. EDUCATION

Ph.D., Human Development and Social Policy (applied developmental psychology), 2005, Northwestern University

- Thesis topic: Technology workforce development and entrepreneurship - Individual, group, and social determinants of teens' interest in technology careers
- Recent profile of my scholarship by my department's alumni magazine: https://sesp.northwestern.edu/magazine/winter-2023/connectivity-issues-story.html

J.D. with Honors, 1999, Northwestern University School of Law

Graduate Certificate, Comparative and International Studies (now Comparative and Historical Social Science), 1999, Northwestern University

- Masters-level interdisciplinary graduate degree available in connection with a primary doctorate, http://www.bcics.northwestern.edu/groups/chss/

Graduate Certificate, Gender Studies, 1999, Northwestern University

- Masters-level graduate degree available in connection with a primary doctorate, http://www.genderstudies.northwestern.edu/graduate/requirements.html

M.A., International Relations, 1996, Northwestern University

- Thesis topic: history of U.S. nuclear weapons policy and post-USSR denuclearization strategy

B.A. with Honors, 1996, Northwestern University

- Major: Political Science, Adjunct major: International Studies

IV. COURSES TAUGHT

A. Law Courses

PILOT lab technology policy practicum, Penn State, Spring 2025, 2024, 2023, 2022, 2021, Fall 2020

Information Security Law and Policy, Penn State School of Law, Spring 2025, 2024, 2023, 2022, 2021, Fall 2020

Introduction to Intellectual Property, Northeastern University School of Law, Winter 2016, Summer 2018

Information Security and Privacy Law and Policy, Northeastern University School of Law, Fall 2015, Winter 2017, Fall 2017, Summer 2018

Internet Law and Policy, Northeastern University School of Law, Fall 2015, Winter 2017, Fall 2017

Contracts, Northeastern University School of Law, Winter 2017, Winter 2018; University of Florida, School of Law, Spring 2006, Fall 2006

Marketing and Advertising Law, University of Pennsylvania, School of Law/Wharton School, Fall 2012, Fall 2013

Securities Regulation, University of Pennsylvania, School of Law/Wharton School, Spring 2010, Spring 2011, Spring 2012, Spring 2013, Fall 2013

Commercial Privacy and Information Security Regulation, Notre Dame Law School, Fall 2011

Secured Transactions, Notre Dame Law School, Fall 2011

Corporate Information Security Law, University of Florida School of Law, Spring 2007

Internet and E-Commerce Regulation, University of Florida, School of Law, Fall 2005, Spring 2007

International Electronic Commerce Regulation, Northwestern University School of Law, Spring 2004 and Spring 2005

Small Business Opportunity Entrepreneurship class and clinical supervision, Northwestern University, Kellogg Graduate School of Management/ School of Law, Fall 2003-Spring 2005

Structuring Corporate Transactions: Information Technology Transactions, Northwestern University, Kellogg/ School of Law, Fall 2002

B. Engineering/Computer Science Courses

PILOT lab technology policy practicum, Spring 2025, 2024, 2023, 2022, 2021, Fall 2020

Internet Law and Policy, Princeton University, Center for Information Technology Policy, Spring 2015

Basic Information Security: Technology, Business and Law, Northwestern University, Department of Computer Science, Fall 2005

C. Undergraduate Law and Policy Courses

Internet Law and Policy, Princeton University, Center for Information Technology Policy, Spring 2015

Intro to Legal Studies (Business Law 101), regular and honors section – introduction to corporate law, University of Pennsylvania, Wharton School, Fall, 2007, Spring 2008, Fall 2008, Spring 2009, Fall 2009, Spring 2010, Fall 2010

Internet Law and Policy, University of Pennsylvania, Wharton School, Fall 2012

Basic Information Security: Technology, Business and Law, Northwestern University, Department of Computer Science, Fall 2005

Political Economy of Social Policy, Northwestern University, School of Education and Social Policy, Winter 1998

D. MBA Courses

Securities Regulation, University of Pennsylvania, Wharton School, Spring 2010, Spring 2011, Spring 2012, Spring 2013, Fall 2013

Marketing and Advertising Law, University of Pennsylvania, Wharton School, Fall 2012, Fall 2013

E. Executive Education Courses

Google Exec Ed, 10x program, University of Pennsylvania, Wharton School (one session), Summer 2013

Securities Regulation (8-week course), University of Pennsylvania, Wharton School, Spring 2013
- Intensive course for officer-level Chinese executives

Social Media and Client Communications (individual 3-hour sessions), FINRA/University of Pennsylvania, Wharton School, Fall 2012, Spring 2011
- FINRA continuing education program for financial professionals

V. SELECTED DISSERTATION COMMITTEES AND SERVICE

A. Dissertation Committees

- Member, University of Amsterdam, candidate: Ot van Daalen
- Member, Dakota State University, candidate: Mark Stanislav

B. Other Service

Penn State
- ACM Symposium on Computer Science and Law, Program Committee 2025
- ACM FAccT conference, Area Chair for AI Law and Policy 2023
- Member, Hiring Committee, Penn State Law (2022-2023)
- Member, Promotions Committee, Penn State Law (2021-2023)
- Chair, Hiring Committee, Manglona Lab, Penn State Law (2020-2021)
- Member, University AI Director Hiring Committee, Penn State, (2020-2021)
- Chair, Affiliate Faculty Committee, Penn State Law (2020-2021)
- Hiring Committee, Law Policy & Engineering, Penn State Engineering (2018-2021)
- University Technology Committee, Penn State, (2019-2020)

Northeastern University
- Faculty Co-Director, Center for Law, Innovation, and Creativity, Northeastern University School of Law (2016- 2019)
- Research Faculty Sponsor, Entrepreneurship and Innovation Law Clinic, Northeastern University School of Law (2017- 2019)
- Faculty Scholarship Committee, Northeastern University School of Law (2017-2018)
- Development Hiring Committee, Northeastern University School of Law (2017-2018)
- Curriculum Committee, Northeastern University School of Law (2015-2016)
- Admissions Committee, Northeastern University School of Law (2015-2016)

Wharton School, University of Pennsylvania

- Regularly interviewed by *Knowledge@Wharton* for various publications about topics of interest to the business community related to technology and innovation and my scholarship - source for 100+ articles, 2007-2013 http://bit.ly/YagKBm

- Legal Studies & Business Ethics Department, Practice Professor Promotions, 2012-2013

- University of Pennsylvania, University Committee on CCTV, 2009-2010, 2010-2011

- Legal Studies & Business Ethics Department, Faculty Recruitment Committee, 2008-2009

- Legal Studies & Business Ethics Department, Faculty Climate Committee, 2008-2009

- Legal Studies & Business Ethics Department, PhD Admissions Committee, 2008-2009

VI.   SELECTED KEYNOTES AND PRESENTATIONS

A. Keynotes and Annual Lectures

- "Homicideware: Deadly Disasters, AI, and the Future of Technology Safety," BSidesLV information security conference, August 2024

- "Blockchain(s)," Pennsylvania Courts annual retreat, Pittsburgh, Pennsylvania, February 2023

- "Blockchain(s)," Pennsylvania Supreme Court annual retreat, Bedford Springs, Pennsylvania, June 2021

- "The Internet of (Artificially Intelligent) Bodies, University of Sussex, Sussex, May 2019

- "iTrust Antitrust," University of Sussex, CIGR Annual Conference, London, May 2019

- "The Internet of (Artificially Intelligent) Bodies, MacCormick Lecture, University of Edinburgh, September 2018

- "The Internet of Bodies," Atlantic Council, Washington DC, September 2017

- "The Internet of Bodies," Society for Computers and Law, Real Business Issues for Tech Lawyers, London, June 2017

- "Technology Innovation and its Legal Implications," European Commission, International Conference on Internet Science, Brussels, May 2015

- "Information Governance," SOURCE Boston, April 2014

- "Information Stewardship and Innovation," European Commission, International Conference on Internet Science, Brussels, April 2013

- "The Future of Information Security Regulation," University of Virginia Law School, February 2008

B. Conference and Speaker Series Organization

- STEP 2025 workshop (with UVA Law), July 18, 2025, https://www.pilotlab2.org/step2025

- HUMAN FUTURES: THRIVING THE AGE OF AI (collaboration with Monash University), April 4-5, 2024, https://www.pilotlab2.org/humanfutures

- STEP: SCHOLARS IN TECHNOLOGY EQUITY POLICY, Washington DC, October 26, 2023, https://www.pilotlab2.org/step2023

- ENFORCERCON (with CFPB), Washington DC, October 18, 2023, https://www.pilotlab2.org/enforcercon2023

- AI ETHICS AND DEMOCRACY: FUTUREPROOFING 2076 (collaboration with William and Mary), August 18, 2023, https://www.pilotlab2.org/futureproofing2076

- TECHNOTONOMY (with University of Sussex), May 2021, https://www.pilotlab2.org/technotonomy

- PILOT LAB CARBON NEUTRAL SPEAKER SERIES, 2020 https://www.pilotlab.org/carbon-neutral-speaker-series

- "PANDEMIC SURVEILLANCE: PRIVACY, SECURITY, AND DATA ETHICS" (jointly with Duke Kenan Ethics Center and Internet Research Institute, Brazil), November 2020.

- DISINFOTOPIA, (with University of Sussex), April 2020, https://www.pilotlab.org/disinfotopia

- CONNECTED FUTURES, Northeastern University, June 2017 (co-organizer and moderator)

- GIKII: All Your Internet Thing Are Belong to Us, London, September 2016

- TRUSTING HUMAN SAFETY TO SOFTWARE: WHAT COULD POSSIBLY GO WRONG?, Center for Information Technology Policy, Princeton University, November 2014

- PRIVACY LAW SPEAKER SERIES, U.S. Federal Trade Commission, Spring-Summer 2014

- INVISIBLE HARMS, Wharton School, University of Pennsylvania, November 2013

- INFORMATION SECURITY BEST PRACTICES, conference organizer, University of Pennsylvania, The Wharton School, January 2009

- TECHNOLOGY LAW SPEAKER SERIES, University of Florida Law School, Fall 2006-Spring 2007
- DATA DEVOLUTION: INFORMATION SECURITY AND CONSUMER PROTECTION, University of Florida Law School, January 2006

C. Selected Presentations – Law and Social Science

- "Exploit Machina," University of Virginia Law, February 2025
- Panelist, panel on AI and election disinformation, Alan Turing Institute, September 2024
- "Exploit Machina," panel on AI and Arendt, German Studies Association, September 2024
- "The Compan-e Town," Gikii, UCL Law, September 2024
- Participant, Georgetown Policy Mechanisms workshop, August 2024
- Commenter, Privacy Law Scholars Conference, Georgetown, June 2024
- Software Liability Symposium, ONCD, The White House, March 2024
- Panelist, Data and Democracy: Whole of Government National Security conference, William & Mary, March 2024
- Software Liability Workshop, George Washington School of Law, November 2023
- "Exploit Machina," Everyday Cyborgs, University of Birmingham/ University of Ottawa, October 2023
- Invited panelist, Fake, NYU Law, September 2022
- "Fake," Seton Hall School of Law, November 2021
- "Fairer Legal Futures," Design Futures, Penn State Architecture, September 2021
- "iTrust Antitrust," Technotonomy: Infodemic Edition, Sussex Law/Penn State Law, May 2021
- Panelist, "Framing and Defining Digital Privacy + Security," Technically Right, Duke Law School/ Penn State, November 2020
- Panelist, "It's All in Your Head," panel on internet-enabled brain devices, ABA Annual Conference, October 2020
- Panelist, "Disruptive Technologies Legal Summit," Winston & Strawn, October 2020
- Panelist, "Election Security in the 2020 Election," LPE, Penn State, October 2020
- Panelist, "Conduct of Election," panel, Kluge Center, Library of Congress, September 2020
- "Internet of (Best) Bodies," CDRH, FDA, September 2020

- Panelist, "Transparency and Explainability in AI Healthcare Standardization," FDA, September 2020
- "Internet of Best Bodies," Gikii, University of Maastricht, July 2020
- "Internet of Suspect Bodies," PLSC, June 2020
- "Fake," Disinfotopia, Sussex Law/ Penn State Law, April 2020
- Panelist, Council of Europe, Convention 108+, November 19, 2019
- "Fake," Gikii, Queen Mary's, August 2019
- "Internet of Bodies," Digital Medicine Symposium, Harvard Business School, May 2019
- Commenter, Privacy Law Scholars Conference, UC Berkeley, May 2019
- "Internet of Bodies," Digital Health conference, School of Law, Northeastern University, April 2019
- "Competition and Intermediation," School of Journalism/School of Law, University of Missouri, April 2019
- "Unavailable," Network neutrality conference, School of Law, University of Pittsburgh, March 2019
- "Internet of Bodies," JIGL conference, School of Law, Notre Dame, March 2019
- Invited Participant, CyberMed Summit, School of Medicine, University of Arizona, December 2018
- Invited Participant, AI/ML in Security workshop, IEEE, Virginia, November 2018
- Panelist, Botnet Takedowns panel, CYCON, West Point, November 2018
- Panelist, Security and Privacy panel, Silicon Flatirons conference, University of Colorado, November 2018
- Invited Participant, Law and Technology Workshop, Levin College of Law, University of Florida, October 2018
- "The Internet of (Artificially Intelligent) Bodies," Computer Science/ School of Law, Boston University, October 2018
- "Internet of Bodies," School of Law, Penn State, October 2018
- "Artifice and Intelligence," Cornell Tech, September 2018
- "Artifice and Intelligence," Gikii Conference, University of Vienna, September 2018
- "Internet of Bodies," School of Law, University of Iceland, June 2018
- "Broken," Privacy Law Scholars Conference, George Washington Law, June 2018

- "Internet of Bodies," ASU School of Law, May 2018

- "Internet of Bodies," NYU, April 2018

- "Artifice and Intelligence," Seton Hall Law School, April 2018

- "Internet of Bodies," Lastowka Workshop, Washington and Lee Law School, April 2018

- "Internet of Bodies," Yale Cyber Leadership Forum, Yale Law School, April 2018

- "Internet of Bodies," Computer Science, Notre Dame, March 2018

- "Internet of Bodies," Boston University School of Law, February 2018

- "Internet of (Vulnerable) Bodies," panel organizer and moderator, CPDP, Brussels, January 2018

- "CYBER!," Information Society Project, Yale Law School, November 2017

- "Internet of Bodies," University of Albany Law School, October 2017

- "Internet of Bodies," West Point, August 2017

- "Internet of Bodies," Interdisciplinary Summer School, Nijmegen, June 2017

- "The Internet of Things," Federal Judicial Center, Magistrates Conference, Portland, April 2017

- "Internet of Bodies," Cyberlaw Scholars Workshop, Villanova Law, January 2017

- "Internet of Bodies," University of Edinburgh Law, November 2016

- "Internet of Bodies," University of Sussex Law, October 2016

- Panel Moderator, "Public-Private Bug Bounty Best Practices," CyCon US, West Point, October 2016

- "Internet of Bodies," West Point, August 2016

- "Internet of Bodies," Privacy Law Scholars, June 2016

- "CYBER!," West Point, April 2016

- "CYBER!," Georgetown Law School, November 2015

- "Next Generation FCC Consumer Protection: Data Stewardship," Federal Communications Commission, August 2015

- "Privacy and Information Security Class Actions," guest lecture in Economics of the Internet course, Department of Economics, Princeton University, November 2014

- "Generation C: "Hacker" Children and the Future of Innovation," University of Ottawa, School of Law, October 2014

- Panelist, "Medical Privacy, Mobile Devices and the Future of Identity," 2014 Health Privacy Summit, Georgetown Law School, June 2014

- "Information Security and Public-Private Divides," Suffolk Law School, April 2014

- Information security roundtable participant, Berkman Center, Harvard Law School, April 2014

- "Information Security and Public-Private Divides," University of Georgia Law School, March 2014

- "Privacy, the Hacker Way," Northeastern Law School, March 2014

- "Safety Secrets," Trade Secret Scholars conference, University of Florida, February 2014

- "Information Security and the Internet of Things," AALS, January 2014

- "Hacker-Children and the Role of Parents," AALS, January 2014

- "Information Security Regulation and Iteration," Notre Dame Law School, October 2013

- "Information Security, Mobile Health and the Internet of Things," Mobile Health Exploratory Seminar, Harvard Law School, September 2013

- "Talking Data," Cardozo Law School, Intellectual Property Scholars Conference, August 2013

- "The Future of Information Security Regulation," eCommerce Best Practices, Stanford Law School, June 2013

- "Hacking Speech," Free Expression Scholars, Yale Law School, April 2013

- "Bankrupting Privacy," Internet Law Works in Progress, Santa Clara Law School, March 2013

- "Social Media Privacy," JTIP Symposium, Northwestern University Law School, March 2013

- "Hacking and the Future of the CFAA," Rutgers Law School, March 2013

- "Code and Creativity," Works in Progress in Intellectual Property, Seton Hall Law School, February 2013

- "Bankrupting Privacy," Cyberlaw Workshop, Villanova Law School, February 2013

- "Code and Creativity," IP Scholars Workshop, New York University Law School, January 2013

- "Hacking Speech," Annenberg School, University of Pennsylvania, October 2012

- "Developments in U.S. Privacy and Information Security Law Enforcement," Society for Computers and Law, London, September 2012

- "Privacy by Contract, the First Amendment, and the US Privacy Bill of Rights, EU Excellence in Internet and Network Science Workshop, University of Oslo, August 2012

- "Code, Creativity and Identity," EU Excellence in Internet and Network Science Summer School (UK), Oxford Internet Institute, August 2012

- "Generation C: Children, Code and Creativity," Intellectual Property Law Scholars Conference, Stanford Law School, August 2012

- "Bankrupt Promises," (retitled Bankrupting Privacy) Privacy Law Scholars workshop, GW Law School, June 2012

- Panelist, "Mobile Technologies and Information Security," Fordham Law School/Federal Judicial Center, March 2012

- "Generation C: Children, Code and Creativity," Wharton School, March 2012

- "Hacking Privacy," Notre Dame Law School, March 2012

- "Digital Childhood," Monash University Faculty of Law, February 2012

- "Digital Childhood," Symposium on Innovation in Education, Notre Dame Law School, November 2011

- "Essential Breaches: Contract and Computer Intrusion," Notre Dame Law School, October 2011

- "Computer Intrusion post 9/11," Symposium on Post 9/11 Legislative Change, Notre Dame Law School, October 2011

- "Trends in US Consumer Protection and Internet Privacy," Society for Computers and Law, London, September 2011

- "Privacy Defaults," OBA Policy Forum, University of Edinburgh, July 2011

- "Virtual Childhood," Gikii, IT University, Gothenburg, June 2011

- Roundtable participant, Digital Policy Issues for the New Communications Bill, Oxford Internet Institute, June 2011

- "Digital Childhood," Gikii, University of Gothenberg, June 2011

- "Digital Childhood," Privacy Law Scholars, University of California, Berkeley, May 2011

- "(Techno)Essentializing Breach," Santa Clara Law School, March 2011

- "(Techno)Essentializing Breach," Rutgers University School of Law, February 2011

- "Contract and Privacy," University of Florida School of Law, February 2011

- "Contract and Privacy," Boston University School of Law, February 2011

- "(Techno)Essentializing Breach," Wharton School, Legal Studies and Business Ethics Department, University of Pennsylvania, January 2011

- "(Techno)Essentializing Breach," Wharton Media Scholars Workshop, December 2010

- "Contract and Privacy," Temple Law School, November 2010

- "Authorized Access," Gikii, University of Edinburgh School of Law, June 2010

- "Corporate Cyborgs and Augmented Minds," Computers, Freedom, Privacy, June 2010

- "Information Capital," Privacy Law Scholars conference, George Washington School of Law/ UC Berkeley School of Law, June 2010

- "Building Better Users," Rough Consensus and Running Code conference, University of Pennsylvania Law School, May 2010

- "Corporate Cyborgs and Consumer Information," College of Arts and Sciences Faculty

- Preceptorial – at student invitation, University of Pennsylvania, May 2010

- "Authorized Access," Case Western Reserve University School of Law, May 2010 "Information Capital," Cyberlaw workshop, University of Puerto Rico/ University of Ottawa School of Law, January 2010

- "Bourdieu and Data Privacy," Legal Studies & Business Ethics Department, University of Pennsylvania, Wharton School, October 2009

- "Third Party Beneficiaries and Information Security," Gikii, University of Amsterdam School of Law, September 2009

- "Bourdieu and Data Privacy," IP Scholars conference, Cardozo Law School / UC Berkeley School of Law/ Stanford Law School, August 2009

- "U.S. Information Security Regulation," Singapore Management University School of Law, June 2009

- "Bourdieu and Data Privacy," SoGikii, University of New South Wales, June 2009

- "Duties of Code Safety," workshop on DRM, Federal Trade Commission, March 2009

- Information Security Panel, Wharton Interactive Media Initiative conference, Panel organizer and moderator, University of Pennsylvania, Wharton School, January 2009

- Corporate Cyborg," Internet Policy Lunch, University of Pennsylvania, Annenberg School, January 2009

- "Corporate Cyborg," Telecom Colloquium, University of Pennsylvania, Legal Studies and

- Business Ethics, Wharton School, December 2008

- "Corporate Cyborg," GIKII, Oxford Internet Institute, University of Oxford, September 2008

- "Behavioral Advertising and Datamining," Society for Computers and Law, London, September 2008

- "Symbolic Harms: Information Security and Duties to Warn," Law and Society, May 2008

- Charismatic Content panel, Computers, Freedom, Privacy, Panel organizer and moderator, Yale University School of Law, May 2008

- "The Future of Information Security Regulation," American Association of Law Schools, January 2008

- "Symbolic Harms: Information Security and the First Amendment," University of Pennsylvania, Wharton School, November 2007

- "Black Collar Crime: Information Security and the Changing Nature of Information Crime,"

- GIKII, University College of London, September 2007

- "Corporate Cyborgs and Information Security," Society for Computers and Law, London, September 2007

- "Corporate Cyborgs and Information Security," International Law and Society, Berlin, July 2007

- "Information Security Law and Strategy," Supernova, San Francisco, June 2007

- "Corporate Information Assets and Data Breach Regulation," SMU Dedman School of Law, February 2007

- "Technoconsen(t)sus," University of Pennsylvania, Wharton School, December 2006

- "Technoconsen(t)sus," University of Washington School of Law, December 2006

- "Technoconsen(t)sus," Case Western Reserve University School of Law, November 2006

- "Technoconsen(t)sus," University of Ottawa School of Law, October 2006

- "A Network Theory Perspective on Information Security Regulation," University of Illinois School of Law, March 2006

- "Penetrating the Zombie Collective: Spam as an International Security Issue," University of Oxford, September 2005

- "Spyware in Comparative International Regulatory Context," University of Edinburgh School of Law, September 2005

- "Enterprise Risk Management and Technology Business," Northwestern University, Kellogg Graduate School of Management, August 2005

- "Spam and International Security," Law and Society, Las Vegas, June 2005

- "Material Vulnerabilities: Data Privacy, Corporate Information Security and Securities Regulation," Northwestern University School of Law, January 2005

- "Corporate Information Security Risk Management and Regulation in International Context," Northwestern University, Kellogg Graduate School of Management, August 2004

- "Constructing Tools of Development: Open Source Licensing and Developer Self-realization," UC Berkeley Law School/ Cardozo Law School/ DePaul Law School, August 2004

- "Enterprise Risk Management and Entrepreneurship," Northwestern University, Kellogg Graduate School of Management, July 2004

- "Enterprise Risk Management, Legal Complexity and Internet Security Contracting," Northwestern University, Kellogg Graduate School of Management, June 2004

- "Legal Entrepreneurship Resources and Enterprise Risk Management," Northwestern University, Kellogg Graduate School of Management, April 2004

- "Ethical Enterprise Risk Management," Midwest Business Association Administration Conference, March 2004

- "Business Data Collection, Regulating Children's Privacy Online and Human Development," Northwestern University, School of Communications, March 2004

- "Mutually Assured Protection: Development of Relational Internet Data Security Contracting Norms," Stanford Law School, March 2004

- "Managing Information Security in the International Marketplace," moderator of Digital Frontier

- Conference panel, Northwestern University, Kellogg Graduate School of Management, January 2004

- "Enterprise Risk Management and Information Security," Intellectual Property Law Week panel moderator, Northwestern University School of Law, January 2004

- "Comparative EU-US Internet Privacy and Jurisdiction Regulation," University of Edinburgh School of Law, December 2003

- "Enterprise Risk Management and Legal Strategy for High Tech Entities," Northwestern

- University, Kellogg Graduate School of Management, November 2003

- "Comparative EU-US Privacy Regulation," University of Oxford, August 2003

- "Corporate Privacy and Security Auditing," Association of Internal Auditors, March 2003

- "Russian e-Commerce and U.S. Business," Northwestern University School of Law, February 2003

- "Internet Privacy and Total Information Awareness," Northwestern University School of Law, January 2003

- "U.S. Small Business and the Internet," Northwestern University School of Law, September 2002   "Information Technology Implications of Health Data Privacy," Northwestern University School of Law, April 2002

- "Entrepreneurship Online: Small Business e-Commerce Considerations," Northwestern University School of Law, January 2002

- "International e-Commerce Privacy Considerations," Northwestern University School of Law, August 2001

- "Internet Law in Australia and New Zealand," Northwestern University School of Law, January 2001

D. *Selected Presentations – Computer Science/ Technology Industry*

- Difficult Conversations: Professionalization in Information Security, BSidesLV, August 2024

- Getting Serious Workshop: Critical Disruptions/Thinking/Responses, RSA 2024, May 2024

- "Exploit Machina," University of Virginia, School of Data Science, May 2024

- "Exploit Machina," Commonwealth of Virginia Information Security Conference, August 2023

- "Putting Your Money Where Your Cyber Is," DEFCON Policy Village, August 2023

- "Cybernation: The FUD, Facts, and Future of Software Liability and Security," RVASec, June 2023

- Panelist, The Jetsons are Here!, Executive Women's Forum, October 2021

- Panelist, Cloud Security and Healthtech panel, Biohacking Village, DEFCON 2021

- Ethics Village, Law track organizer and presenter, DEFCON 2020
  https://www.pilotlab.org/defcon2020

- Ethics Village, Law track organizer and presenter, DEFCON 2019

- "Security, Safety, and the Internet of Things," (with CPSC Comm. Kaye), Shmoocon, January 2019

- "The Internet of Bodies," panel organizer and moderator, DEFCON Biohacking Village, August 2018 (panelists: Commissioner Rebecca Slaughter (FTC), Dr. Suzanne Schwarts (FDA), Prof. Stephanie Pell (West Point))

- "Broken," DEFCON Ethics Village, August 2018

- "Broken," EstesCon, Colorado, April 2018

- "Broken," NarwahlCon, Las Vegas, July 2017

- "Meet the Fed," panel organizer and moderator, DEFCON, July 2017

- "Generation C: Hacker Children and the Future of Innovation," BSidesLV, August 2016

- "CYBER!," RVASec, June 2016

- "Generation C: "Hacker" Children and the Future of Innovation," CITP, Princeton University, February 2015 "Bitcoin Regulation," guest lecture in Bitcoin and Cryptocurrency Technologies, Department of Computer Science, Princeton University, October 2014

- "Top Technology Entrepreneurship Mistakes," guest lecture in Advanced Programming

- Techniques, Department of Computer Science, Princeton University

- "U.S. Regulation of Information Security," Inaugural conference of Global Centre for Cybersecurity Capacity, University of Oxford, November 2013

- "Information Security and Privacy Law: Past, Present and Future," Department of Computer Science, NYU Poly, August 2013

- *"Hacking Speech,"* USENIX Security, EVT workshop, August 2013

- "Hacked Up: Reforming the Computer Fraud and Abuse Act," DEFCON Skytalks, Las Vegas, August 2013

- "Catawampus: Initial Filings and the CFAA," BSidesLV, Las Vegas, August 2013

- "Twitter (R)evolution: Privacy, Free Speech and Disclosure," WWW2013, Rio, May 2013 "Database Anonymization and Data Protection in the U.S.," Department of Computer Science, University of Auckland, February 2012

- "Safe(r) Code and the Cyborg User," Microsoft Corporation, Hyderabad, March 2011

- Panel moderator, Information Security panel, Supernova Conference, June 2008

- "Vulnerable Data and Legal Standards of Due Care," University of Illinois at Chicago, Department of Information and Decision Sciences, March 2005

- "Information Security Negligence," RSA 2005, San Francisco, February 2005

- "Enterprise Risk Management for Information Technology Manufacturers", Centre for

Economics and Policy, School of Engineering, University of Cambridge, November 2003

- "Introduction to Corporate Information Security Law," Black Hat, July 2003

- "Intellectual Property Development and Protection," ACM, Chicago Chapter, May 2003

VII. SELECTED CONGRESSIONAL TESTIMONY AND OTHER GOVERNMENT SERVICE

Fulbright Commission, UK Award Selection Committee Member

Consumer Financial Protection Bureau, advisory expert (2018; 2022-2023)

Federal Trade Commission, advisory expert (2013-2014; 2022-2023)

Kluge Center, Library of Congress, Research Scholar Advisory Committee Member (ongoing)

U.S. Food and Drug Administration, CDRH, consulting expert (2019-2021)

Consumer Product Safety Commission, Presenter, hearing on machine learning and consumer safety, May 2021

[Redacted agency], [Redacted enforcement matter], consulting expert in enforcement action (2018-2019, 2022-2023)

Copyright Office, Library of Congress, 2020-2021 Renewal application for (previously granted) DMCA Section 1201 Consumer Product Security Research Exemption granted in 2014-2015 Triennial Review Process and first renewed in 2017-2018

Council of Europe, Speaker, Convention 108+, November 19, 2019

Consumer Product Safety Commission, Testimony, *The Internet of Things and Consumer Products Hazards*, May 2018, https://www.youtube.com/watch?v=-YSDEkWuxUo

Copyright Office, Library of Congress, Filing expressing neither opposition nor support for Class 10 proposed exemption to DMCA Section 1201 during 2017-2018 Triennial Rulemaking Process , https://www.copyright.gov/1201/2018/comments-031418/class10/Class_10_Reply_Joint_Security_Researchers.pdf

Copyright Office, Library of Congress, 2017-2018 Renewal application for (previously granted) DMCA Section 1201 Consumer Product Security Research Exemption granted in 2014-2015 Triennial Review Process – renewal
recommended by Copyright Office, https://www.regulations.gov/document?D=COLC-2017-0007-0070

Copyright Office, Library of Congress, Attorney of record representing computer science academics (Profs. Steve Bellovin, Matt Blaze, Alex Halderman, Nadia Heninger) in successful 2014-2015 DMCA Section 1201 Triennial Rulemaking Process
petition obtaining a broad security research exemption for consumer products
http://copyright.gov/1201/2014/petitions/Bellovin_1201_Intial_Submission_2014.pdf (exemption granted on 10/28/2015)

United States House of Representatives, Testimony, Homeland Security Committee, *Promoting and Incentivizing Cybersecurity Best Practices,* July 28, 2015,
https://homeland.house.gov/hearing/subcommittee-hearing-promoting-andincentivizingcybersecurity-best-practices/

U.S. Federal Trade Commission, Senior Policy Advisor and Scholar in Residence, Dec. 2013-August 2014, http://1.usa.gov/18KxYha

United States House of Representatives, Testimony, Energy and

Commerce Committee, *Reporting Data Breaches: Is Federal Legislation Needed to Protect Consumers?*, July 18, 2013, http://energycommerce.house.gov/hearing/reporting-data-breaches-federal-legislation-needed-protect-consumers

European Commission, *Cyborg Children and the "Vulnerable Consumer,"* Digital Agenda for Europe, Futurium project webinar, July 11, 2013, https://ec.europa.eu/digitalagenda/futurium/en/content/norms-and-values-media-2030

VIII. BOARD MEMBERSHIPS AND AFFILIATIONS

IEEE Technology Predictions Team, 2018 – 2021

AALS Internet Law Section officer, 2017 - 2021

CFP Review Board, DEFCON security conference, 2016 – 2018

Jotwell legal blog, Contributor, 2017 - 2021

Editorial Board Member, Harvard Journal of Technology Science, 2015 - 2021

IEEE International Workshop on Privacy Engineering, program committee member, 2017

Reviewer, IEEE Security and Privacy, 2014 - 2021

Advisory Board Member, SCRIPT-ed, Technology Journal of University of Edinburgh School of Law, 2004 – 2021 http://www.law.ed.ac.uk/ahrb/script-ed/about.asp

Information Security and Privacy Interdisciplinary Research and Education program (INSPIRE), Center for Interdisciplinary Studies in Security and Privacy advisory board member, NYU- Poly, 2013 - 2015

EU Network of Excellence in Internet Science Advisory Board Member, Oxford Internet Institute, 2012 – 2015 http://www.internet-science.eu/

Reviewer, MARKETING SCIENCE, 2011

Reviewer, JURIMETRICS, American Bar Association/Arizona State University journal of technology and law, 2009

Reviewer, JOURNAL OF LAW, TECHNOLOGY AND POLICY, University of Illinois, 2010

IX. GRANTS AND GIFTS

A. *Where personal compensation resulted*

Hewlett Foundation, $150,000, Fall 2019

- Co-authoring an information security law and policy textbook

University of Pennsylvania competitive internal grants
- Vice Provost Global Engagement Fund (with co-PI), Fall 2012 - $25,000
- Zicklin Center research grants, Fall 2012, Fall 2007 - $10,000

Microsoft Corp. Trustworthy Computing Curriculum Grant (with Co-PI), $50,000, December 2004, http://bit.ly/15SSXgP
- Developed and taught a curriculum about information security and privacy law and policy in the Northwestern University Computer Science Department, including discussions of medical device security and patient medical privacy.

B. *Where no personal compensation resulted*

Katie Moussouris/Pay Equity Now Foundation, $1m to start the Manglona Lab, 2020

Microsoft Corporation, $500,000+ (multiple gifts) to support my/PILOT lab research, 2019-2024

Craig Newmark Foundation, $30,000 to support PILOT lab research, 2020

X. SELECTED PRESS MENTIONS

A. *Podcast Interviews (full length)*

Hagley Library, July 2024, https://www.hagley.org/research/history-hangout-andrea-matwyshyn

Lawfare, June 28, 2022, https://www.lawfareblog.com/lawfare-podcast-andrea-matwyshyn-and-dojs-new-cfaa-charging-policy

Kara Swisher's Recode Decode, Vox, December 4, 2019, https://soundcloud.com/recode-decode/andrea-matwyshyn-we-already

Microsoft Corporation, Afternoon Cyber Tea with Ann Johnson,
- April 11, 2020, Part 1: http://admin.podcastone.com/episode/The-Internet-of-Bodies-Human-Potential-and-Security-Pitfalls-Part-1
- April 18, 2020, Part II: http://admin.podcastone.com/episode/The-Internet-of-Bodies-Human-Potential-and-Security-Pitfalls-Part-2

Michael Madison, Future Law Podcast, May 1, 2021, https://podcasts.apple.com/us/podcast/ep-34-andrea-matwyshyn-penn-state-professor-law-innovation/id1434998089?i=1000519590744&l=tr

B. Press Relationships, Awards, and Profile Pieces

Hagley Library, supported researcher, Center for History of Business, Technology, and Society, March 2024

Wall Street Journal – opinion writer under contract

Washington Post "The Network" member – commenting on information security and privacy policy and law
https://www.washingtonpost.com/graphics/2018/politics/powerpost/thenetwork/?noredirect=on&ut m_term=.d5de0d254dc1

What is the Internet of Bodies, CNBC (2024) https://www.cnbc.com/2024/06/01/internet-of-bodies-could-meld-tech-and-human-bodies-together.html

Northwestern University, School of Education and Social Policy, Connectivity Issues: The internet of bodies—and one alumna's race to regulate it, *(2023)* https://sesp.northwestern.edu/magazine/winter-2023/connectivity-issues-story.html

Wharton Business News Radio, Knowledge@Wharton Sirius XM 111, "Friend of the Show" – (2007-2020), commenting on information governance (security/privacy) issues, law, and corporate governance https://businessradio.wharton.upenn.edu/

Named to *Cyberscoop* "Leet" List, 2018, https://www.cyberscoop.com/2018-cyberscoop-leet-list/

C. Selected Individual Commentary

ABC News

- Should Companies Be Required to Disclose Cyberattacks?, October 21, 2011, http://abcnews.go.com/blogs/politics/2011/10/should-companies-be-required-todisclosecyberattacks/

BBC

- Apple v Samsung patent verdict reconsidered in court, December 6, 2012, http://www.bbc.co.uk/news/technology-20615376
- Samsung and Apple's patent clash heads to trial by jury, July 30, 2012, http://www.bbc.co.uk/news/technology-19022935
- Yahoo sues Facebook over 10 disputed patents in the US, March 12, 2012, http://www.bbc.com/news/technology-17345935
- LG Signs Deal with Patent Giant Intellectual Ventures, November 8, 2011, http://www.bbc.co.uk/news/technology-15644051

- Amazon Reveals its Patent Suits are on the Rise, October 27, 2011, http://www.bbc.co.uk/news/technology-15482508

Bloomberg Press

- Multiple appearances on Bloomberg Law radio show with June Grasso

- Internet `Zombie' Threat Needs Killer Response, July 31, 2006, http://www.bloomberg.com/apps/news?pid=20601039&sid=agfW9m.QSlXc&refer=columnist _ hassett

- Verizon First Amendment Challenge Of Net Neutrality Tests Century of Regulation, January 24, 2013, http://www.bna.com/verizon-first-amendment-n17179872014/

Businessweek

- AT&T Hacker 'weev' Tests Limits of U.S. Crime Law on Website Use, June 17, 2013, http://www.businessweek.com/news/2013-06-17/at-and-t-hacker-weev-tests-limits-of-u-dot-s-dot-crime-law-on-website-usesdot-crime-law-on-website-use

CBS News

- Social Media Policies Get More Lax Even For Corporate Executives, April 7, 2013, http://philadelphia.cbslocal.com/2013/04/07/social-media-policies-get-more-lax-even-for-corportate-executives/evenforcorportate-executives/

CBC

- How Hollywood is fighting back against piracy, August 14, 2017, http://www.cbc.ca/player/play/1024587843542

CNBC

- If Kalanick doesn't come back, then we know things are very bad, June 13, 2017, https://www.cnbc.com/video/2017/06/13/if-kalanick-doesnt-come-back-then-we-know-things-are-very-bad-marketplace.htmlare-very-bad-marketplace.html
- Google diversity memo sparks outrage, Aug 7, 2017, https://www.cnbc.com/video/2017/08/07/google-diversity-memo-sparks-outrage.html

CNN

- Can people actually own virtual property?, May 10, 2010,
  http://edition.cnn.com/2010/TECH/05/10/virtual.property.second.life/

- Can the law keep up with technology?, Nov. 17, 2009, http://articles.cnn.com/2009-11-17/tech/law.technology_1_libel-digital-content-law-and-technology?_s=PM:TECH

- Will your privacy be compromised online?, September 28. 2009,
  http://www.cnn.com/2009/TECH/09/28/online.security.tactics/index.html

- Technology Posing Ethical Questions, September 25, 2008
  http://www.cnn.com/2008/BUSINESS/09/25/digital.ethics/index.html

Financial Times

- Glow wants to bring fertility tracking to the workplace, February 20, 2014
  http://www.ft.com/intl/cms/s/0/b485dcba-9a1d-11e3-823200144feab7de.html?siteedition=intl#axzz2wEAzD6OH

Forbes

- Facebook's Private Surprise, September 16, 2009,
  http://www.forbes.com/2009/09/15/facebookprivacy-ponemon-technology-security-truste.html

- Our Privacy, Your Business, August 2, 2009, http://www.forbes.com/2009/08/02/andrea-matwyshyn-defcon-technology-security-matwyshyn.html

- What Customer Data Should You Keep--And Toss?, March 19, 2009,
  http://www.forbes.com/2009/03/19/heartland-payment-security-entrepreneurs-salesmarketingsecurity.html

- Facebook Bows To Peer Pressure, February 18, 2009,
  http://www.forbes.com/2009/02/18/facebook-privacy-linternettechnologyinternet_0218_facebook.html

The New York Times

  Apps That Know What You Want, Before You Do, July 29, 2013,
  http://www.nytimes.com/2013/07/30/technology/apps-that-know-what-you-want-before-youdo.html?emc=rss&partner=rss&_r=0

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XI. PROFESSIONAL ACCREDITATION AND MEMBERSHIPS

Law: State of Illinois Bar - admitted Fall 1999; active and in good standing; ABA
Engineering: ACM; IEEE
Other: American Psychological Association; German Studies Association