

## **JOEL R. REIDENBERG**

Stanley D. and Nikki Waxberg Chair and Professor of Law  
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### **EDUCATION**

Ph.D Université de Paris I (Panthéon-Sorbonne) (2003)  
(Droit public: “Le droit et les réseaux internationaux d’information” *summa cum laude*)  
D.E.A., Université de Paris I (Panthéon-Sorbonne) (1987)  
(Droit international économique / international economic law, *magna cum laude*)  
J.D., Columbia University School of Law (*Harlan Fiske Stone Scholar*)(1986)  
A.B. Dartmouth College (Government, High Honors, *magna cum laude*)(1983)

### **ACADEMIC POSITIONS**

#### **FORDHAM UNIVERSITY, NEW YORK, NY**

*Stanley D. Waxberg and Nikki Waxberg Chair*, (2010- ) and *Professor of Law* (1997- )  
*Associate Vice President for Academic Affairs*, Office of Academic Affairs, Fordham University (2008-09)  
*Founding Academic Director*, Center on Law and Information Policy, (2005 – present)  
*Director*, LL.M in IP and Information Technology Law (2006/08; 2012/13)  
*Director*, LL.M Graduate Program (1998-2001)  
*Associate Professor of Law*, 1990-1997 (tenured 1995)

*Current courses*: Cybersecurity, Information Privacy Law, Information Law, Internet Law & Policy,  
*Practicum*: Technology & Privacy Law. *Previous*: Intellectual Property Law, International Trade, Contracts

#### **PRINCETON UNIVERSITY, PRINCETON, NJ**

*Inaugural Microsoft Visiting Professor of Information Technology Policy* (2013/14)  
Department of Computer Science / Center for Information Technology Policy  
*Visiting Professor*, Woodrow Wilson School (Spring 2015, Spring 2016, Spring 2017)  
*Visiting Research Collaborator*, Center for Information Technology Policy (2014- 2019)

*Courses*: Cybersecurity Law, Technology & Policy (WWS357); Cybersecurity: Attacks and Consequences (WWS402); Information Technology Law and Policy (COS495)

#### **INSTITUT D’ETUDES POLITIQUES DE PARIS, PARIS, FRANCE**

*Visiting Professor* (DESS droit et globalisation économique)(2003/04)

#### **UNIVERSITE DE PARIS I (PANTHEON-SORBONNE), PARIS, FRANCE**

*Visiting Professor* (DESS droit et globalisation économique)(2003-04)  
*Visiting Professor* (DEA droit anglais et nord américain des affaires)(1996-97)

#### **Université de Paris V (René Descartes)**

*Guest Professor* (1996)

## **PROFESSIONAL EXPERIENCE**

*Special Assistant Attorney General for the State of Washington* (2005-06)  
*Visiting Professor, AT&T Laboratories, Public Policy Research Department* (1996)  
*Associate, Debevoise & Plimpton (Washington, DC)* (1987-90)  
*Friedmann Fellow, Intellectual Property, PROMETHEE (Paris, France)* (1986-87)

## **HONORS AND AWARDS**

*UC-Berkeley Center for Law and Technology 2019 Privacy Award* conferred for “seminal scholarship, innovative policy entrepreneurship, and tireless support of the privacy community” (2019)  
*U.S. Dep’t of Commerce and European Commission Designated Arbitrator for EU-US Privacy Shield* (2017)  
*Membre, Comité Scientifique Chaire L. R. Wilson, Université de Montréal* (2016- )  
*Elected Member, American Law Institute* (2014- )  
*Advisor, ALI Principles of the Law: Data Privacy* (2013- 2019)  
*FPF Best Privacy Paper for Policy Makers Award (2016) and Honorable Mention Award (2016)*  
*FPF Best Privacy Paper for Policymakers Notable Mention Award (2015)*  
*UC-Berkeley 6<sup>th</sup> Annual BCLT Privacy Lecture: Data Access and Retention in the EU and US* (2013)  
*Baker Botts Lecture: The Rule of Intellectual Property Law in the Networked Economy, University of Houston Law Center* (2007)

## **BIBLIOGRAPHY**

### **Books, Monographs and Studies**

*PATENTS AND SMALL MARKET PARTICIPANTS IN THE SMARTPHONE INDUSTRY* (WIPO: Geneva, 2015)[with Maxim Price, N. Cameron Russell, & Anand Mohan] available at:

[http://www.wipo.int/export/sites/www/ip-competition/en/studies/clip\\_smartphone\\_patent.pdf](http://www.wipo.int/export/sites/www/ip-competition/en/studies/clip_smartphone_patent.pdf)

*PRIVACY AND CLOUD COMPUTING IN PUBLIC SCHOOLS.* (Fordham CLIP: 2013) [with N. Cameron Russell, Jordan Kovnot, Thomas B. Norton, Ryan Cloutier and Daniela Alvarado] available at:

<http://law.fordham.edu/k12cloudprivacy>

*INTERNET JURISDICTION: A SURVEY OF LEGAL SCHOLARSHIP PUBLISHED IN ENGLISH AND US CASE LAW.*

Fordham CLIP: 2013 [with Jamela Deblak, Jordan Kovnot, Megan Bright, N. Cameron Russell, Daniela Alvarado, Andrew Rosen, and Emily Seiderman] available at:

[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2309526](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2309526)

*THE ACQUISITION AND USE OF PATENTS IN THE SMARTPHONE INDUSTRY.* (WIPO: Geneva, 2012)[with Jamela Debelak, Daniel Gross, Elaine Mindrup] available at: [http://www.wipo.int/export/sites/www/ip-competition/en/studies/clip\\_study.pdf](http://www.wipo.int/export/sites/www/ip-competition/en/studies/clip_study.pdf)

*PRIVACY AND MISSING PERSONS IN NATURAL DISASTERS.* Woodrow Wilson International Center for Scholars: Washington, DC 2013 [with Robert Gellman, Jamela Debelak, Adam Elewa and Nancy Liu] available at: [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2229610](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2229610)

*SECTION 230 OF THE COMMUNICATIONS DECENTY ACT: A SURVEY OF THE LEGAL LITERATURE AND REFORM PROPOSALS.* Fordham Law School- Center on Law and Information Policy: New York, 2012, available at SSRN: <http://ssrn.com/abstract=2046230> or <http://dx.doi.org/10.2139/ssrn.2046230> [with Jamela Debelak, Jordan Kovnot, & Tiffany Miao].

*AN ANALYSIS OF THE ECONOMIC/LEGAL LITERATURE ON THE EFFECTS OF IP RIGHTS AS A BARRIER TO ENTRY.* WIPO: Geneva, 2011. CDIP/4/4 REV./STUDY/INF/3 available at WIPO: [http://www.wipo.int/edocs/mdocs/mdocs/en/cdip\\_4/cdip\\_4\\_4\\_rev\\_study\\_inf\\_3.pdf](http://www.wipo.int/edocs/mdocs/mdocs/en/cdip_4/cdip_4_4_rev_study_inf_3.pdf) [with Jamela Debelak Isaac Chao, Maarten Goudsmit, Marc Melzer and Mary Pennisi]

*CHILDREN'S EDUCATIONAL RECORDS AND PRIVACY: A STUDY OF ELEMENTARY AND SECONDARY SCHOOL REPORTING SYSTEMS* (with Jamela Debelak et al)(CLIP Research Report: 2009) available at <http://law.fordham.edu/childrensprivacy>

*COMPARISON OF PRIVACY AND TRUST POLICIES IN THE AREA OF ELECTRONIC COMMUNICATIONS* (with Scott Marcus, Neil Robinson, Yves Poulet, Adam Peake, et al) (European Commission: 2008) available at: <http://www.crid.be/pdf/public/5596.pdf>

SAFE HARBOR DECISION IMPLEMENTATION STUDY (with Jan Dhont, Maria Veronica Perez Asinari, Yves Poulet, Lee Bygrave) (European Commission: 2004) available at [http://www.europarl.europa.eu/meetdocs/2009\\_2014/documents/libe/dv/07\\_etude\\_safe-harbour-2004\\_/07\\_etude\\_safe-harbour-2004\\_en.pdf](http://www.europarl.europa.eu/meetdocs/2009_2014/documents/libe/dv/07_etude_safe-harbour-2004_/07_etude_safe-harbour-2004_en.pdf)

THE FUNCTIONING OF THE US-EU SAFE HARBOR PRINCIPLES (with Privacy Laws & Business) (2001)

LES SERVICES EN LIGNE ET LA PROTECTION DES DONNÉES: LES RÉPONSES DE LA RÉGLEMENTATION (avec Paul Schwartz)(Office des publications officielles des Communautés européennes : 1999) <https://www.worldcat.org/title/services-en-ligne-et-la-protection-des-donnees-volume-2-les-reponses-de-la-reglementation/oclc/48389701>

ON-LINE SERVICES AND DATA PROTECTION LAW: REGULATORY RESPONSES (with Paul Schwartz)(Office of Official Publications of the European Commission:1998) also at [http://ec.europa.eu/justice/data-protection/document/studies/files/19981201\\_dp\\_law\\_online\\_regulatory\\_en.pdf](http://ec.europa.eu/justice/data-protection/document/studies/files/19981201_dp_law_online_regulatory_en.pdf)

DATA PRIVACY LAW (with Paul Schwartz)(Michie/Lexis Law Publishing: 1996)

### **Book Chapters**

*La régulation de l'Internet par la technique et la Lex Informatica*, in LA COHERENCE DES REGULATIONS ECONOMIQUES, Marie Anne Frison-Roche (Daloz : 2005)

*International Approaches to Public and Private Data Privacy and Security* in NATIONAL SECURITY, NEW TECHNOLOGIES, AND INDIVIDUAL PRIVACY: SHAPING A 21st CENTURY PUBLIC INFORMATION POLICY, Peter Shane and John Podesta, eds., (Century Fund Press: 2004)

*La faillite de Toysmart*, in C.N.I.L., LA 23IÈME CONFÉRENCE INTERNATIONALE DES COMMISSAIRES À LA

PROTECTION DES DONNÉES : VIE PRIVÉE-DROIT DE L'HOMME (Doc. française : 2002) companion English version : *The Toysmart Bankruptcy*, in C.N.I.L., THE 23<sup>rd</sup> INT'L CONFERENCE OF DATA PROTECTION COMMISSIONERS (Doc. française: 2002)

*Privacy Protection and the Interdependence of Law, Technology and Self-Regulation* in CAHIERS DU CENTRE DE RECHERCHES EN INFORMATIQUES ET DROIT : VARIATIONS SUR LE DROIT DE LA SOCIÉTÉ DE L'INFORMATION (Bruylant : 2001) companion French version : *La vie privée et l'interdépendance du droit, de la technologie et de l'autorégulation*, in C.N.I.L., LA 23<sup>ÈME</sup> CONFÉRENCE INTERNATIONALE DES COMMISSAIRES À LA PROTECTION DES DONNÉES : VIE PRIVÉE-DROIT DE L'HOMME (Doc. française : 2002)

*L'encadrement juridique de l'Internet aux Etats-Unis*, in L'INTERNET ET LE DROIT: DROIT EUROPÉEN ET COMPARÉ DE L'INTERNET (Légipresse: 2001)

*L'instabilité et la concurrence des régimes réglementaires dans le Cyberspace*, in LES INCERTITUDES DU DROIT (Ejan MacKaay, réd.)(Editions Thémis: 1999).

*A Movement toward Obligatory Standards of Fair Information Practices in the United States* in VISIONS OF PRIVACY IN THE 21<sup>st</sup> CENTURY (Colin Bennett & Rebecca Grant, eds., Univ. of Toronto Press: 1999).

*Information Flows on the Global Infobahn*, in THE NEW INFORMATION INFRASTRUCTURE: STRATEGIES FOR U.S. POLICY (Wm. Drake, ed., Twentieth Century Fund Press: 1995)

### **Law Review Articles**

*Trustworthy Privacy Indicators: Grades, Labels, Certifications and Dashboards*, 96 WASH. U. L. REV. 1409 (2019)(with N. Russell, V. Herta, W. Ioas and T. Norton)

*Transparency and the Marketplace in Student Data*, 22 VA. J. L. & TECH. 107 (2019) [with N. Russell (lead author), E. Martin, & T. Norton]

*Privacy in Gaming*, 29 FORDHAM INTELL. PROP. MEDIA & ENT. L.J. 61 (2019)[with N. Cameron Russell (lead author) & Sumyung Moon]

*Accountable Algorithms*, 165 UNIV. OF PENN. L. REV. 631 (2017)(with Joshua A. Kroll (lead author), Joanna Huey, Solon Barocas, Edward W. Felten, David G. Robinson, and Harlan Yu) (FPF 2016 Best Paper Award)

*Ambiguity in Privacy Policies and the Impact of Regulation*, 45 J. LEGAL ST. S163 (2016) (with J. Bhatia, T. Breaux, & T. Norton)(FPF 2016 Best Paper- Honorable Mention)

*Privacy Harms and the Notice and Choice Framework*, 11 I/S JOURNAL OF LAW & POLICY FOR THE INFORMATION SOCIETY 485 (2015)(with N. Russell, T. Norton, A. Callen & S. Qasir)

*The Transparent Citizen*, 47 LOYOLA UNIV. CHICAGO L. REV. 437 (2015)(FPF 2016 Best Paper—Honorable Mention)

*Patents and Small Participants in the Smartphone Industry*, 18 STANFORD TECH. L. REV. 375 (2015) (with M.

Price, N. C. Russell, & A. Mohan)

*Disagreeable Privacy Policies: Mismatches between Meaning and Users' Understanding*, 30 BERKELEY TECH. L. J. 39 (2015)(with T. Breaux, L. Cranor, et al.)

*Privacy in Public*, 69 UNIV. OF MIAMI L. REV. 141 (2014)

*The Data Surveillance State in Europe and the United States*, 49 WAKE FOREST L. REV. 583 (2014)

*The Rule of Intellectual Property Law in the Network Economy*, 44 HOUSTON L. REV. 1073 (2007)

*The Simplification of International Data Privacy Rules*, 29 FORDHAM INT'L L.J. 1128 (2006)

*Technology and Internet Jurisdiction*, 153 UNIV. OF PENN. L. REV. 1951 (2005)

*States and Internet Enforcement*, 1 UNIV. OTTAWA TECH. L. J. 213 (2004)

*Les états et la régulation d'Internet*, JURIS CLASSEUR : COMMUNICATION COMMERCE ÉLECTRONIQUE, étude 11, mai 2004

*Privacy Wrongs in Search of Remedies*, 54 HASTINGS L. J. 877 (2003)

*Yahoo and Democracy on the Internet*, 42 JURIMETRICS 261 (2002)

*E-commerce and TransAtlantic Privacy*, 38 HOUSTON L. REV. 717 (2001)

*L'affaire Yahoo et la démocratisation internationale de l'internet*, JURIS CLASSEUR : COMMUNICATION COMMERCE ÉLECTRONIQUE, chron. 12, mai 2001

*Resolving Conflicting International Privacy Rules in Cyberspace*, 52 STANFORD L. REV. 1315 (2000).

*Restoring Americans' Privacy in Electronic Commerce*, 14 BERKELEY TECH. L. J. 771 (1999).

*Lex Informatica: The Formulation of Information Policy Rules through Technology*, 76 TEXAS L. REV. 553 (1998).

*Governing Networks and Rule-Making in Cyberspace*, 45 EMORY L. J. 911 (1996) reprinted in *BORDERS IN CYBERSPACE: INFORMATION POLICY AND THE GLOBAL INFORMATION INFRASTRUCTURE* (Brian Kahin & Charles Nesson, eds., MIT Press: 1997).

*Setting Standards for Fair Information Practice in the U.S. Private Sector*, 80 IOWA L. REV. 497 (1995)

*The Fundamental Role of Privacy and Confidence in Networks*, 30 WAKE FOREST L. REV. 105 (1995)(with Françoise Gamet-Pol)

*Rules of the Road on Global Electronic Highways: Merging the Trade and Technical Paradigms*, 6 HARVARD J. LAW & TECH. 287 (1993).

*The Privacy Obstacle Course: Hurdling Barriers to Transnational Financial Services*, 60 FORDHAM L. REV. S137 (1992).

*Privacy in the Information Economy-- A Fortress or Frontier for Individual Rights?*, 44 FED. COMM. L. J. 195 (1992).

Note, *U.S. Software Protection: Problems of Trade Secret Estoppel under the Brazilian Transfer of Technology and UNCTAD Regimes*, 23 COLUM. J. TRANSNAT'L L. 679 (1985).

### **Other Legal Publications**

*Law and Networks*, 6 Int'l Law Forum du droit int'l 5 (2004)

*Can user agents accurately represent privacy notices?*, TPRC 30th Research Conference Paper # 65 (with Lorrie Cranor) (2002)

*L'expérience américaine: aspects juridiques du commerce électronique*, GAZETTE DU PALAIS (NOUVELLES TECHNOLOGIES , Nos. 291-293 , 10 (1998).

*International Data Flows and Methods to Strengthen International Co-operation* in PROCEEDINGS OF 20<sup>th</sup> INT'L CONFERENCE OF DATA PROTECTION AUTHORITIES (Agencia de Protecciones de Datos: 1998)

*The Use of Technology to Assure Internet Privacy: Adapting Labels and Filters for Data Protection*, LEX ELECTRONICA, [http://www.lex-electronica.org/docs/articles\\_186.html](http://www.lex-electronica.org/docs/articles_186.html)(Vol. 3, No. 2, 1997).

*Multimedia as a New Challenge and Opportunity in Privacy: The Examples of Sound and Image Processing in Symposium: Multimedia and Data Protection*, 22 MATERIALIEN ZUM DATENSCHUTZ, 9-12 (Berlin Data Protection Commission: Aug. 1995)

*Information Property: Some Intellectual Property Aspects of the Global Information Economy*, 10 INFO. AGE 3 (1988).

*Observations, Journées de Montpellier consacrées à l'entreprise, l'information et le droit*, J.C.P. CAHIERS DE DROIT DE L'ENTREPRISE, Mars, 1988, at 19, 44.

*French Taxation of Software: Some International Considerations*, 1 INT'L COMPUTER LAW ADVISER 15 (1987).

### **Computer Science Publications (participating co-author)**

*MAPS: Scaling Privacy Compliance Analysis to a Million Apps*, Proc. of Privacy Enhancing Technologies ("PETS") (2019)(S. Zimmeck, P. Story, D. Smollen, A. Ravichander, Z. Wang, J. Reidenberg, N.C. Russell, N. Sadeh)

*Challenges in Automated Question Answering for Privacy Policies*, Proc. of AAAI Spring Symposium Series: PAL2019 Privacy-Enhancing Artificial Intelligence and Language Technologies Technologies, pp. 24-32

(2019) (A. Ravichander, A. Black, E. Hovy, J. Reidenberg, N.C. Russell and N. Sadeh) [http://ceur-ws.org/Vol-2335/1st\\_PAL\\_paper\\_13.pdf](http://ceur-ws.org/Vol-2335/1st_PAL_paper_13.pdf)

*Natural Language Processing for Mobile App Compliance*, Proc. of AAI Spring Symposium Series: PAL2019 Privacy-Enhancing Artificial Intelligence and Language Technologies Technologies, pp. 61-68 (2019) (Peter Story, Sebastian Zimmeck, Abhilasha Ravichander, Daniel Smullen, Ziqi Wang, Joel Reidenberg, N. Cameron Russell, and Norman Sadeh) [http://ceur-ws.org/Vol-2335/1st\\_PAL\\_paper\\_6.pdf](http://ceur-ws.org/Vol-2335/1st_PAL_paper_6.pdf)

*Mobile App Privacy Compliance: Automated Technology to Help Regulators, App Stores and Developers*, SOUPS '17: Symposium on Usable Privacy and Security, USENIX, Jul 2017 (S. Zimmeck, Z. Wang, L. Zou, R. Iyengar, B. Liu, F. Schaub, S. Wilson, N. Sadeh, S.M. Bellovin) [https://www.usenix.org/sites/default/files/soups17\\_poster-zimmeck.pdf](https://www.usenix.org/sites/default/files/soups17_poster-zimmeck.pdf)

*PrivOnto: A Semantic Framework for the Analysis of Privacy Policies*, Semantic Web Journal (SWJ), May 2017 (with Oltramari, D. Piraviperumal, F. Schaub, S. Wilson, S. Cherivirala, T.B. Norton, N.C. Russell, P. Story, N. Sadeh) <http://www.semantic-web-journal.net/system/files/swj1486.pdf>

*Automated Analysis of Privacy Requirements for Mobile Apps*, AAI Fall Symposium on Privacy and Language Technologies, Nov 2016 and Network Distributed System Symposium 2017 (with S. Zimmeck, Z. Wang, L. Zou, R. Iyengar, B. Liu, F. Schaub, S. Wilson, N. Sadeh, S.M. Bellovin) [https://www.ftc.gov/system/files/documents/public\\_comments/2016/09/00009-128900.pdf](https://www.ftc.gov/system/files/documents/public_comments/2016/09/00009-128900.pdf)

*A Theory of Vagueness and Privacy Risk Perception*, IEEE 24th International Requirements Engineering Conference (RE'16), Sep 2016 [pdf] (Nominated for Best Paper) (with J. Bhatia, T. D. Breaux, T. B. Norton) <https://ieeexplore.ieee.org/document/7765508> or <https://www.cs.cmu.edu/~breaux/publications/jbhatia-re16.pdf>

*The Creation and Analysis of a Website Privacy Policy Corpus*, ACL '16: Annual Meeting of the Association for Computational Linguistics, Aug 2016 (with S. Wilson, F. Schaub, A. Dara, F. Liu, S. Cherivirala, P.G. Leon, M.S. Andersen, S. Zimmeck, K. Sathyendra, N.C. Russell, T.B. Norton, E. Hovy, N. Sadeh) [https://www.usableprivacy.org/static/files/swilson\\_acl\\_2016.pdf](https://www.usableprivacy.org/static/files/swilson_acl_2016.pdf)

*Visualization and Interactive Exploration of Data Practices in Privacy Policies*, Symposium on Usable Privacy and Security ("SOUPS") '16 Poster Session, Jun 2016 (with S.K. Cherivirala, F. Schaub, M.S. Andersen, S. Wilson, N. Sadeh) <https://www.usenix.org/sites/default/files/soups16poster25-cherivirala.pdf>

*Rating Indicator Criteria for Privacy Policies*, Symposium on Usable Privacy and Security ("SOUPS") 2016 Workshop on Privacy Indicators, Jun 2016 (with N.C. Russell, T.B. Norton) [https://www.usenix.org/system/files/conference/soups2016/wpi16\\_paper\\_reidenberg.pdf](https://www.usenix.org/system/files/conference/soups2016/wpi16_paper_reidenberg.pdf)

*Towards Usable Privacy Policies: Semi-automatically Extracting Data Practices From Websites' Privacy Policies* (with N. Sadeh, A. Acquisit, T. Breaux, L. Cranor et al.), SOUPS '14 poster session, Palo Alto, CA, Jul 2014 [https://cups.cs.cmu.edu/soups/2014/posters/soups2014\\_posters-paper20.pdf](https://cups.cs.cmu.edu/soups/2014/posters/soups2014_posters-paper20.pdf) (Selected for presentation at the Federal Trade Commission, PrivacyCon, Jan. 2016)

*The Usable Privacy Policy Project: Combining Crowdsourcing, Machine Learning and Natural Language Processing to Semi-Automatically Answer Those Privacy Questions Users Care About* (with N. Sadeh, A. Acquisti, T.D. Breaux, L.F. Cranor et al.), Tech. report CMU-ISR-13-119, Dec 2013 <http://reports->

### Other Publications

*Achieving Big Data Privacy in Education*, THEORIES AND RESEARCH IN EDUCATION, 16:3, pp. 263–279 (Nov. 2018) (with F. Schaub)

*Digitocracy: Considering law and governance in the digital age*, COMMUNICATIONS OF THE ACM, Sept. 2017

*Législation du commerce électronique: Une perspective franco-américaine*, TELECOM Revue de l'Association Amicale des Ingénieurs de l'École Nationale Supérieure des Télécommunications, Printemps 1997, 45.

*Personal Information and Global Interconnection: The Challenge of Regulatory Convergence*, PROJECT PROMETHEE PERSPECTIVES, Dec. 1991, 27.

*An American Solution to TBDF Personal Data Contractual Problems*, PRIVACY L. & BUS., Dec. 1991, at 12-14.

*A Commentary on Data Protection, Privacy and Regulatory Conflicts Between the European Community and the United States*, ACCESS REPORTS, May 1991, 5.

*The European Community Broadcast Directive: The Need for a Fresh Look at its Impact on Fundamental Human Rights of Broadcasters and the Public* (with Robert Bruce and Fred Cate), The Annenberg Washington Program Working Papers on the Transatlantic Dialogue on European Broadcasting (Paris: October 3, 1989).

*Trade Solutions Should Avoid Extremes* (with Eric Schnurrer), ST. LOUIS POST-DISPATCH, Jan. 24, 1989, at 3B, col. 2.

*Toward Information Rights and Fair Competition*, PROJECT PROMETHEE PERSPECTIVES, July 1987, C-9.

*Networking Strategies and the Search for a New Regulatory Framework* (with A. Bressand and C. Distler), PROJECT PROMETHEE PERSPECTIVES, Apr. 1987, C-5.

### Selected Conferences, Lectures and Presentations (2012-2017)

Princeton University. Public Panel on “Dissecting the Equifax Breach.” Speaker (Nov. 28, 2017)

NYU School of Law. Conference on Privacy Localism. Moderator of panel addressing on the ground experiences (Nov. 3, 2017)

Brown University. Greater Good Gathering: Charting a Path in Changing Times—Democracy, Citizenship and the Greater Good. Panelist on “Defending Democracy and the Future of the Public Good” (Oct. 19, 2017)

SEC Historical Society. Program moderator on “Understanding Cybersecurity Regulation” (Sept. 28, 2017)

George Washington University. Privacy + Security Forum. Chaired panel on “European General Data Protection Regulation and Technology” (Oct. 5, 2017)

University of Haifa, Symposium on Student Privacy. Presentation on “Achieving Big Data Privacy in Education” (May 3, 2017)

Princeton University. Woodrow Wilson School/CITP Law and Technology Series Panel “Online Privacy in Europe vs. the United States” (Princeton: Apr. 18, 2016)

Université de Montréal. Chaire L.R. Wilson Conférence sur “la Privacy Shield : l’Europe c. les Etats-Unis » (Montreal : March 18, 2016)

University of Miami. Law Review Symposium presentation on *student information privacy* (Miami: Feb. 6, 2016)

Cornell Tech. Workshop presentation on *Automated Comparisons of Ambiguity in Privacy Policies and the Impact of Regulation* (Jan. 27, 2016)

National Academies of Science Presentation on *Data Breach Recovery for Individuals and Institutions* to the Forum on Cyber Resilience (Washington, DC: Jan. 12, 2016)

University of Haifa. The Algorithmic State: Challenges to Democracy. Speaker on “Security, Surveillance and Privacy” (Haifa: Dec. 10-11, 2015)

NYU School of Law Intellectual Property and Entertainment Law Society Panel presentation on *the EU-US Safe Harbor Agreement* (New York: Nov. 16, 2015)

University of Chicago. Coase Sandor Institute Workshop: Contracting over Privacy. Paper on “Comparing Privacy Policy Ambiguity and the Impact of Regulation” (Chicago: Oct. 15-16, 2015)(with Jaspreet Bhatia, Travis Breaux and Thomas Norton)

UC-Berkeley. Privacy Law Scholars Conference. Paper on “Automated Measurement and Comparison of Ambiguity in Privacy Policies” (Berkeley: June 4-6, 2015)(with Jaspreet Bhatia, Travis Breaux)

Temple University / National Science Foundation. Conference on Privacy in an Era of Big Data. Speaker on legal, public policy and regulatory issues. (Philadelphia: April 22, 2015)

Loyola University of Chicago. Loyola University of Chicago Law Journal Symposium “Privacy Law in a Data Collection Society”. Keynote paper on “The Transparent Citizen” (Chicago: April 10, 2015)

University of Michigan. Michigan Technology and Telecommunications Law Review Annual Symposium on Privacy Technology and the Law. Speaker on international perspectives (Ann Arbor: Feb. 21, 2015)

New York University. Tri State Region IP Workshop. Presented paper “Patents and Small Participants in the Smartphone Industry” (New York: Jan. 9, 2015)

Fordham University / Federal Bureau of Investigation. International Conference on Cyber Security. Organized and moderated keynote panel “Cyber Security without Privacy Insecurity” (New York: Jan. 7, 2015)

Fordham Fashion Law Institute. “Data Night: The Lawyer’s Role in Data Privacy and E-Commerce.”

Speaker. (New York: Oct. 29, 2014)

2014 TPRC/42nd Research Conference on Communication, Information and Internet Policy. Paper presentations on “Disagreeable Privacy Policies” and on “Privacy Harms”. (George Mason University: Sept. 13-14, 2014)

Lavender Law. Annual Conference. Speaker on “Student Privacy: A Multiple Choice Test” panel (NY: Aug. 22, 2014)

SOUPS '14. Poster Session: “Towards Usable Privacy Policies: Semi-automatically Extracting Data Practices From Websites' Privacy Policies” (with N. Sadeh, A. Acquisti, T. D. Breaux, L. F. Cranor, A. M. McDonald, N. A. Smith, F. Liu, N. C. Russell, F. Schaub, S. Wilson, J. T. Graves, P. G. Leon, R. Ramanath, A. Rao)(Palo Alto: July 2014)

University of Amsterdam. IViR 25<sup>th</sup> Anniversary Conference “Information Influx.” Speaker on Global Information Flows and the Nation State (Amsterdam: July 4, 2014)

Carnegie Mellon University. CyLab “Workshop on the Future of Privacy Notices.” Speaker on policy considerations panel (Pittsburgh: June 27, 2014)

Universidad de los Andes. Facultad de Derecho. Dialogos sectoriales de privacidad y tratamiento de datos personales: Implicaciones y retos en el sector educacion. International Keynote on “Schools and Student Privacy: Lessons from the US Experience” (Bogota, Colombia: May 27, 2014)

Princeton University, Woodrow Wilson School. Conference on “Big Data and Health: Opportunities for New Jersey’s Health Care System.” Speaker on “Big Data and Implications for Privacy.” (Princeton: Apr. 4, 2014)

Princeton University, Center on Information Technology Policy. Public Lecture on “Schools Online: Bad Grades for the Protection of Student Privacy” (Princeton: Feb. 6, 2014)

Universidad de San Andres. Seminario Internacional de Protección de Datos en América Latina. Speaker on data surveillance. (Buenos Aires, Argentina: Nov. 29, 2013)

Wake Forest University. Law Review Symposium on Internet Privacy. Presented paper on “The Data Surveillance State in the US and Europe” (Winston-Salem, NC, Oct. 25, 2013)

35<sup>rd</sup> International Conference of Data Protection and Privacy Commissioners. Speaker on panel of data protection regulators on “Public Access to Private Sector Data.” (Warsaw, Poland: Sept. 26, 2013)

University of Cambridge. Conference on International Privacy Law. Presented paper on “Privacy in Public” (Cambridge, UK: Aug. 2, 2013)

National Association of Attorneys General. Annual Meeting panelist on “Who are we keeping safe with the Communications Decency Act Safe Harbor? (Boston: June 18, 2013) <http://www.naag.org/tuesday-june-18-2013.php>

UC-Berkeley. Privacy Law Scholars Conference. Gave paper on “Privacy in Public” (June 5-6, 2013)

Princeton University, Center on Information Technology Policy. Conference on “Big Privacy.” Speaker on “Digital Privacy Moves Offline” (Princeton: Apr. 26, 2013)

Yale University. Information Society Project Knight Law and Media Lecture on “Privacy in Public” (New Haven: April 18, 2013)

University of California-Berkeley. Delivered the BCLT Sixth Annual Privacy Law Lecture on “Data Access and Retention in the United States and Europe” (Berkeley, CA: Feb. 28, 2013).

Universidad CEU San Pablo. Google Chair Lecture on “The new Draft Regulation on Data Protection in Europe. An American perspective” (Madrid: Jan. 28, 2013)

Association of American Law Schools Annual Meeting. Open Program on European Law panelist on “The Globalization of European Privacy Law?” (New Orleans: Jan. 6, 2013)

Harvard University, Harvard Law Review. Commentator on Professor Paul Schwartz’ paper “The EU-US Privacy Collision” at the Harvard Law Review Symposium on Privacy and Technology (Cambridge, MA: Nov. 9, 2012)

Cisco-Nobel Public Service Forum in conjunction with Nobel Peace Prize Award. Participant and speaker on privacy issues related to “Visioning Open Society.” (Oslo: Dec. 9-11, 2012)

American Law Institute Invitational Workshop on Information Privacy Law. Invited participant. (San Francisco: Sept. 28, 2012)

## **PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS**

### **Association of American Law Schools**

Chair, 1996, Section on Computers & Law

Chair, 1998, Secretary, 1996, Section on Defamation & Privacy

### **American Bar Association**

ABA Site Inspector for Columbia University School of Law ABA Approved Cooperative Program for Foreign Study (2002); ABA Site Inspector for Cornell Law School ABA Approved Cooperative Program for Foreign Study(2002)

### **Member of the Association of the Bar of the City of New York (1988 - 2013)**

Served on the Computer Law Committee; Foreign & Comparative Law Committee; Information Technology Law Committee

### **Fordham Continuing Legal Education Program**

Lecturer on computer law (1991)

### **Admitted to the Bar of the State of New York (1986) and the District of Columbia (1988)**

## **ACADEMIC RESEARCH GRANTS AND FELLOWSHIPS**

**National Science Foundation SaTC Frontiers of Science Award (2013-2019)**

**National Science Foundation SaTC CORE: Medium Award (2019-2022)**

**World Intellectual Property Organization, Geneva, Switzerland** (2010-11; 2012; 2014)  
**Commission of the European Communities/WiK Rand-Europe Consortium** (2007)  
**Commission of the European Communities/FUNDP, Namur Belgium** (2003-04)  
**Commission of the European Communities/ARETE** (Paris, France)(1997/98)  
**AT&T Laboratories Public Policy Research** (1996)  
**Commission of the European Communities**  
    /Research Institute for Data Protection Law, **Goethe University** (1993/94)  
**The Twentieth Century Fund Global Information Economy Project** (1992-95)  
**Fordham University Faculty Fellowships** 2015/16; 2003/04; 1996/97  
**Fordham School of Law Summer Research Grants:** 1991-1992, 1994-1996; 2000-03; 2010;  
**Fordham University Faculty Research Grant Award** (1991/92)  
**Parker School of Foreign & Comparative Law (Columbia University) Fellowship for Graduate Study** (1986/87)

### **CORPORATE TEACHING GRANTS**

**Mead Data Central** (1994) Software and development support for electronic course materials  
**Lawyer's Cooperative Publishing** (1995) Hardware support and CD-Rom technology

### **GOVERNMENT SERVICE, ADVISORY PANELS AND TESTIMONY**

**Member of the Academic Advisory Board**, L.R. Wilson Chair, Université de Montreal (2016 - )

**Academic Advisory Board Member**, Data & Society (2014- present)

**Member of the Advisory Council**, Privacy Bridges (2015- 2018)

**Advisor**, American Law Institute Restatement Principles of the Law, Data Privacy Law (2013- present)

**Oklahoma State Legislature testimony.** *“Interim Study” Hearing before the Common Education Committee* (Oct. 7, 2015) (Testimony on how emerging technology affects student privacy)

**Congressional testimony.** *Hearing on “How emerging technology affects student privacy”* before the Subcommittee on Early Childhood, Elementary and Secondary Education of the House Committee on Education and Workforce, 114th Cong., 1st Sess. (Feb. 12, 2015) (Statement on educational technologies and privacy law)

**Virginia State General Assembly testimony.** *Hearing before the Joint Commission on Technology and Science* (Aug. 6, 2014) (Testimony on privacy and cloud computing in public schools)

**Congressional testimony.** *Hearing on “How data mining threatens student privacy”* before the Subcommittee on Cybersecurity, Infrastructure Protection and Security Technologies of the House Committee on Homeland Security and the Subcommittee on Early Childhood, Elementary and Secondary Education of the House Committee on Education and Workforce, 113th Cong., 2st Sess. (June 25, 2014) (Statement on privacy and cloud computing in public schools)

**Maryland State Assembly testimony.** *Hearing on H.B. 607 before the House Education Committee* (Feb. 21,

2014)(Statement on student privacy issues)

**Congressional testimony.** *Hearing on "How data can be used to inform educational outcomes" before the House Committee on Education and Labor, 111th Cong., 1st Sess. (April 14, 2010) (Statement on children's educational record databases and privacy)*

**Elected Member, Millburn Township (New Jersey) Board of Education** ( K-12 school district with approximately 4500 students and \$63 million budget in 2005/06. Elected 2001, re-elected 2002, reelected 2005. Committee Assignments: Finance, Negotiations, Policy, Program, Student Liaison)

**French National Privacy Commission.** *Audition relative à la problématique des « centrales positives» en séance plénière du 13 mai 2004 de la Commission nationale d'informatique et des libertés.* Hearing before the French National Privacy Commission on Credit Reporting (May 13, 2004)(statement on US experiences and the Fair Credit Reporting Act)

**Congressional testimony.** *Hearing on "Affiliate Sharing Practices and Their Relationship to the Fair Credit Reporting Act" before the Senate Banking Committee, 108th Cong., 1st Sess. (June 25, 2003) (Statement on affiliate sharing)*

**Congressional testimony.** *Hearing on "The Importance of the National Credit Reporting System to Consumers and the U.S. Economy" before the Subcomm. on Financial Institutions and Consumer Credit of the House Committee on Financial Services, 108th Cong., 1st Sess. (May 8, 2003) (Statement on affiliate sharing and pre-screening)*

**European Commission.** *Internal Market Directorate General,, Data Protection Conference on the Implementation of Directive 95/46/EC, presentation on international issues (Brussels: Sept. 30-Oct. 1, 2002)*

**Congressional testimony** *Hearing on the EU Data Protection Directive: Implications for the US Privacy Debate before the Subcomm. on Commerce, Trade and Consumer Protection of the House Comm. On Energy and Commerce, 107th Cong., 1st Sess. (March 8, 2001)(statement on the safe harbor agreement)*

**N.Y. Attorney General's Office,** Invited Expert for Privacy Workshop, New York, NY: Feb. 8, 2001.

**Congressional testimony.** *Oversight Hearing on Privacy and Electronic Commerce before the Subcomm. on Courts and Intellectual Property of the House Comm. on the Judiciary, 106th Cong., 2nd Sess. (May 18, 2000)(statement on information privacy regulation)*

**National Association of Attorneys General.** Invited expert presentations on privacy in financial services and direct marketing at NAAG Privacy Workshop (New York: Sept. 23-24, 1999)

**U.S. Department of Commerce.** Filed Joint Comment Letter on International Privacy Safe Harbor Principles (November, 1998)

**Comptroller of the Currency.** Presentation at OCC Privacy Forum (Washington, DC: Oct. 19, 1998)

**White House Privacy Summit:** *Public Meeting on Internet Privacy, U.S. Department of Commerce,*

Washington, D.C.: June 23-24, 1998 (panelist on "Evaluating the effectiveness of self-regulation.")

**U.S. Department of Commerce.** *Invited Expert, Privacy Consultation Workshops*, Washington, D.C.: May - June 1998.

**Member, Project Group of the Organization for Economic Co-operation and Development.** Proposals for Consumer Protection in Electronic Commerce (1997/98).

***In re: Trans Union Corporation, F.T.C. Docket No. 9255*** (on remand from *Trans Union Corp. v. F.T.C.*, 81 F.3d 228 (D.C. Cir., 1996). Expert Consultant/Witness for the Federal Trade Commission (1997 - ).

**Forum on Protecting Children in an Information Society convened by Congressman Bob Franks**, Cranford, N.J.: June 24, 1996 (presentations on risks and solutions).

**Federal Trade Commission.** *Public Workshop on Consumer Privacy on the Global Information Infrastructure*, F.T.C. Project P954807, Washington, DC: June 4, 1996 (presentation and panel discussant.)

**European Commission.** *Expert Presentation before the Working Party on the Protection of Individuals with regard to the Processing of Personal Data, European Commission, Directorate General XIII*, Brussels, Jan. 17, 1996 (presentation and discussion of fair information practices in the United States).

**Member, Advisory Panel of the U.S. Congress Office of Technology Assessment**, Study of Information Technology and International Money Laundering (1994/95).

**Member, Advisory Panel of the U.S. Congress Office of Technology Assessment**, Study of Information Security in a Networked Environment (1994).

***National Information Infrastructure Security Issues Forum.*** "*Security of the Electronic Delivery of Government Information and Services: Joint Hearings before the Information Infrastructure Task Force and the U.S. Advisory Council on the N.I.I.*, Raleigh, N.C., Jan. 27, 1995 (statement on the use and treatment of personal information).

**Information Infrastructure Task Force**, *Working Group on Privacy*, Washington, D.C., Dec. 7, 1993 (statement on fair information practice issues).

**Congressional testimony.** *Telecommunications Network Security: Hearings before the Subcomm. on Telecommunications and Finance of the House Comm. on Energy and Commerce*, 103rd Cong., 1st Sess. 63-76 (1993)(statement on computer privacy issues).

**Commission d'accès à l'information du Québec**, Québec, Canada, Nov. 19, 1992 (Visiting Scholar Presentation: "La protection des renseignements personnels dans le secteur privé (approche américaine)."

***Computer Associates v. Altai, E.D.N.Y. Case No. 89-0811.*** Expert affidavit on international intellectual property issues (filed on behalf of Altai, November 1994)[continuation of *Computer Assoc. v. Altai*, 982 F.2d 693 (2nd Cir., 1992)].

## **ACADEMIC LEADERSHIP AND ADMINISTRATIVE EXPERIENCE**

### **FORDHAM UNIVERSITY, NEW YORK, NY**

#### **University**

2012-13      *Executive Committee, University Faculty Senate*  
2011-12      *President, University Faculty Senate*  
2011-13      *Elected Member, University Faculty Senate*  
2010-11      *Chair, University Task Force on Research Competitiveness*  
2008-09      *Associate Vice President for Academic Affairs, Office of Academic Affairs*  
  
2007-08      *President, Fordham University Faculty Senate*  
2006-07      *Executive Committee, University Faculty Senate*  
2005-07      *Chair, University Faculty Technology Committee*  
2005-13      *Board Member, Donald McGannon Communications Research Center*  
2004-08      *Elected Member, University Faculty Senate*  
2000-06      *Presidential Appointee, University Research Council*  
1997-99      *Member, University Information Technology Advisory Committee*

#### **School of Law**

2005-      *Founding Academic Director, Center on Law and Information Policy*  
2012-13      *Director, LL.M in Intellectual Property and Information Technology Law*  
2006-08      *Director, LL.M in Intellectual Property and Information Technology Law*  
2004-06      *Chair, International Program and Curriculum Committee*  
1999-01      *Director, Graduate Programs*  
1998-99      *Director-Academic Affairs, Graduate Program*  
1998-01      *Chair, Graduate Program Committee*

#### **Fordham University and Law School Search Committees**

2012-13      *Mulligan Distinguished Visitors' Chair, Law School*  
2006-07      *Senior Vice President for Academic Affairs, Fordham University*  
2005      *Vice President for Information Technology/CIO, Fordham University*  
2005-06      *Assistant Dean for International and Non-JD Programs, Law School*  
1997-99      *Mulligan Distinguished Visitors' Chair, Law School*