DENNIS D. HIRSCH

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ACADEMIC POSITIONS

Ohio State Moritz College of Law

Professor of Law

Faculty Director, Program on Data and Governance

Director, Responsible Data Science Community of Practice

Capital University Law School

Professor of Law

Associate Dean for Faculty and Student Development (2005-2007)

University of Amsterdam, Institute for Information Law

Senior Fulbright Professor (2010)

Co-Organizer and Faculty Member, Summer Course on Privacy Law and Policy (2013 -)

Notre Dame Law School

Visiting Professor (1997-1998)

Drake University School of Law

Visiting Professor (1996-1997)

EDUCATION AND CLERKSHIPS

Yale Law School, J.D., Articles Editor, Yale Law Journal

Columbia University, B.A., Anthropology, Summa Cum Laude, Phi Beta Kappa

Law Clerk, Hon. John M. Walker, Jr., U.S. Court of Appeals for the Second Circuit

HONORS AND AWARDS

<u>Fulbright Senior Professorship in American Culture</u> (Netherlands 2010), University of Amsterdam. Institute for Information Law

Winner, AALS Section on Defamation and Privacy Law, National Call for Papers (2015)

Capital University Board of Trustees Faculty Honoree (2009) for professional achievement

<u>CPR Institute for Dispute Resolution Honorable Mention Award for Problem Solving in the Law School Curriculum</u> (2003) for Environmental Law Practice

Simson Award (2001) for best scholarship by a Capital University Law School Professor

Publications

Articles, Reports, Books and Book Chapters

- 2020 Final Report: Corporate Data Ethics: Data Governance Transformations for the Age of Advanced Analytics (October 2, 2020) (lead author on co-authored report), available at https://u.osu.edu/dataethicsforum/
- 2020 From Individual Control to Social Protection: New Paradigms for Privacy Law in The Age of Predictive Analytics, 79 Md. L. Rev. 439 (2020)
- 2019 Data Ethics: Risk Management for the Algorithmic Age, RISK MANAGEMENT (Nov. 1, 2019)
- White Paper, *Promoting Better Cybersecurity: An Analysis of the Ohio Data Protection Act* (2019) (co-authored with Brian Ray and Keir Lamont).
- 2017 Predictive Analytics Law and Policy: A New Field Emerges, 14 I/S: A JOURNAL OF LAW AND POLICY FOR THE INFORMATION SOCIETY 1 (2017)
- 2016 Big Data Sustainability: An Environmental Management Systems Analogy (with Jonathan King), 72 Wash. & Lee L. Rev. Online 406 (2016), http://scholarlycommons.law.wlu.edu/wlulr-online/vol72/iss3/4
 - Privacy, Public Goods and the Tragedy of the Trust Commons: A Response to Professors Fairfield and Engel, 65 Duke Law Journal Online 67-93 (2016), http://scholarship.law.duke.edu/dlj_online/15/
- 2015 That's Unfair! Or is it? Big Data, Discrimination, and the FTC's Unfairness Authority, 103 Kentucky Law Journal 345
- 2014 The Glass House Effect: Big Data, the New Oil, and the Power of Analogy, 66 Maine University Law Review 375 (symposium article)
 - In Search of the Holy Grail: Achieving Global Privacy Rules Through Sector-Based Codes of Conduct, 74
 Ohio State Law Review 1029
 - Going Dutch? Collaborative Dutch Privacy Regulation and the Lessons it Holds for U.S. Privacy Law 2013 Michigan State Law Review 83
- 2012 A Holistic Policy Agenda to Promote Green Business: Reflexive Law Fills the Gap, 42 Environmental Law Reporter 10228
- 2011 Better Safe Than Sorry: Designing Effective Safe Harbor Programs for Consumer Privacy Legislation, 10 PRIVACY & SECURITY LAW REPORTER 1639 (Nov. 14, 2011) (co-authored)

- The Law and Policy of Online Privacy: Regulation, Self-Regulation, or Co-Regulation? 34 Seattle University Law Review 439
- 2010 Green Business and the Importance of Reflexive Law: What Michael Porter Didn't Say, 62 Administrative Law Review 1063
 - Anderson & Hirsch, Environmental Law Practice (3rd ed.)
- 2008 Ecosystem Services and the Green City, book chapter in Growing Greener Cities (University of Pennsylvania Press) (peer reviewed)
- 2007 Trading in Ecosystem Services: Carbon Sinks and the Clean Development Mechanism, 22 Journal of Land Use & Environmental Law 623
 - Emissions Trading Practical Aspects, co-authored book chapter in GLOBAL CLIMATE CHANGE AND U.S. LAW (M. Gerrard, ed.) (American Bar Association).
 - Environmental Trading Programs, co-authored chapter in Environmental Law Practice Guide: State and Federal Law (M. Gerrard, ed.)
- 2006 Protecting the Inner Environment: What Privacy Regulation Can Learn from Environmental Law, 41
 GEORGIA LAW REVIEW 1 (2006). Selection republished in Ruhl, Nagel & Salzman, The
 PRACTICE AND POLICY OF ENVIRONMENTAL LAW 793-797
- 2005 Is Privacy Regulation the Environmental Law of the Information Age?, chapter in Privacy and Technologies of Identity: A Cross-Disciplinary Conversation (K. Strandburg & D. Stan Raicu, eds.)
- 2004 Lean and Green? Environmental Law and Policy and the Flexible Production Economy, 79 Indiana Law Journal 611
- 2003 Anderson & Hirsch, Environmental Law Practice (2nd ed.)
- 2001 Project XL and the Special Case: The EPA's Untold Success Story, 26 COLUMBIA JOURNAL OF ENVIRONMENTAL LAW 219. Selection republished in Stephen Johnson, Economics, Equity and the Environment.
 - Understanding Project XL: A Comparative Legal and Policy Analysis, book chapter in Comparative Environmental Law and Policy (Kluwer Law Int'l 2001).
 - Globalization, Information Technology and Environmental Regulation: An Initial Inquiry, 20 VIRGINIA ENVIRONMENTAL LAW JOURNAL 57 (2001).
 - Symposium Introduction: Second Generation Environmental Policy and the New Economy, 29 Capital University Law Review 1 (2001). Selection in Johnson, Economics, Equity and the

Environment.

- J. Anderson & D. Hirsch, Environmental Law Practice: Problems and Exercises for Skills Development (Carolina Academic Press, 1999) (book and teacher's manual). Adopted at over forty law schools.
- 1998 Bill and Al's XL-ent Adventure: An Analysis of the EPA's Legal Authority to Implement the Clinton Administration's Project XL, 1998 ILLINOIS LAW REVIEW 129. Selection in Johnson, Economics, Equity and the Environment.
- 1996 The Right to Economic Opportunity: Making Sense of the Supreme Court's Welfare Rights Decisions, 58 University of Pittsburgh Law Review 109 (1996).

Op-eds and Periodicals

To Solve the Facebook Problem, Think Big (Data), The Hill (April 24, 2018), http://thehill.com/opinion/technology/384239-to-solve-the-facebook-problem-think-big-d ata

Trump's Authoritarian Impulses Threaten Liberty, Columbus Dispatch (Nov. 17, 2017), http://www.dispatch.com/opinion/20171117/dennis-hirsch-trumps-authoritarian-impulses-threaten-liberty

Get Creative, Ohio, AKRON BEACON JOURNAL (October 10, 2006).

Wetlands Importance Now Made Clear, Atlanta Journal-Constitution (Sept. 12, 2005).

How to Improve Privacy Protection by Adapting and Using Environmental Management Tools, 5 Privacy Officers Advisor 1 (August, 2005)

Intelligent-Design Movement is Going Against Constitution, COLUMBUS DISPATCH (June 13, 2002).

Nation Must Reduce its Need for Oil, COLUMBUS DISPATCH (Dec. 13, 2001).

Public Service Programs are not Slavery, 82 ABA JOURNAL 51 (March, 1996).

Courses Taught

Information Privacy Law
Big Data Law and Policy
Environmental Law
Administrative Law
Law and the New Governance
Clean Air Act Law and Policy
Environmental Law Practicum
International Environmental Law
Property

SERVICE TO THE UNIVERSITY

Founding Director, Translational Data Analytics Institute (TDAI) Responsible Data Science Community of Practice (May 2020 -)

Office of Research Faculty Advisory Council (Jan. 2020 -)

Privacy Governance Council (Jan. 2020 -)

Strategic Planning Program Innovation and Revenue Working Group, Moritz College of Law (2020)

SERVICE TO THE PROFESSION

Ohio Attorney General's Facial Recognition Task Force (2019-2020)

Scientific Committee, Computers, Privacy and Data Protection (CPDP) conference (Brussels, BE) (2018-present)

Co-organizer, University of Amsterdam Summer Course on Privacy Law and Policy (2012 -)

Founder and Owner, Privacylawprofs, a listsery for privacy law academics (2012 -)

Chair, Privacy Working Group, Smart Columbus (Columbus Ohio's smart city initiative), (2017-19).

Reporter, Uniform Law Commission, Drafting Committee on Social Media and Privacy (2014-2016)

Chair, Association of American Law Schools, Section on Defamation and Privacy Law (2015-2016)

Ohio Attorney General's Advisory Committee on the Use of Facial Recognition Technology in Law Enforcement (2013-2015)

Future of Privacy Forum Advisory Committee (2015-present)

Co-founder and past Chair and Vice-Chair, Committee on Innovation, Management Systems and Trading, ABA Section of Environment, Energy and Resources

SUMMER TEACHING APPOINTMENTS

Co-Organizer and Faculty Member, University of Amsterdam Summer Course on Privacy Law and Policy, Amsterdam, The Netherlands (July 4-8, 2016) (July 3-7, 2017), https://www.ivir.nl/courses/plp/. Seminar titled "Update on US Privacy Law and Policy" and co-manage the course with a colleague from the University of Amsterdam.

Faculty member, University of Maine School of Law, Information Privacy Summer Institute, http://mainelaw.maine.edu/academics/clinics-and-centers/cli/summer-privacy-institute/, Portland, ME (June 5-8, 2017). Intensive, two-credit course on Big Data Law and Policy.

EDITORSHIPS AND PEER REVIEW

Member, Fulbright U.S. Scholar Peer Review Committee for Ireland/Netherlands/Belgium (2012-2013, 2013-2014, 2014-2015)

Member, PhD Committee, Leiden University, the Netherlands (2012).

External Reviewer, Netherlands Organization for Scientific Research (NWO) (2014)

LAW PRACTICE

Porter Wright Morris & Arthur (environmental law and appellate litigation) (2005-2015)

Sidley & Austin (environmental law and appellate litigation) (1992-1996)

Admitted to the bar in Ohio (active), New York (inactive) and D.C. (inactive)

SELECTED TESTIMONY, MEDIA APPEARANCES, LECTURES, AND PANEL PRESENTATIONS

Testimony

Ohio Senate Judiciary Committee, Hearing on Antitrust, Big Tech, Data Security and Privacy (Oct. 17, Cleveland, OH)

U.S. Senate Subcommittee on Privacy, Technology and the Law, Roundtable Discussion on the Future of Privacy Regulation (July 25, 2018, Washington, D.C.)

Federal Trade Commission, Hearings on Competition and Consumer Protection in the 21st Century, *Corporate Big Data Ethics: Risk Management for the Big Data Economy,* featured presentation, (Nov. 6, 2018),

https://www.ftc.gov/news-events/audio-video/video/ftc-hearing-6-nov-6-session-4-presentations-competition-consumer (at 53:30).

Media Appearances

Interview on WOSU All Sides With Ann Fisher on topic of Ohio's use of facial recognition, https://radio.wosu.org/post/facial-recognition-and-society#stream/0 (interview starts at 36:20)

Quoted in Reader's Digest article on Why You Should be Worried About Smart Phone Apps Stealing Your Data (Aug. 2019) https://www.rd.com/advice/smartphone-apps-stealing-data/

Quoted in TechCrunch, Can Predictive Analytics Be Made Safe For Humans? (March 4, 2019) https://techcrunch.com/2019/03/04/can-predictive-analytics-be-made-safe-for-humans/

Interview on ABC6 news on topic of Facebook, Cambridge Analytica and Privacy (April 11, 2018)

Interviewed by The Lantern, Ohio State Student Newspaper, for article titled Cambridge Analytica: User's Can't Be Trusted to Protect Their Own Data, Expert Says (April 10, 2018) https://www.thelantern.com/2018/04/cambridge-analytica-users-cant-be-trusted-to-protect-their-own-data-expert-says/

Channel 10TV News interviews on privacy issues related to new automobile insurance programs that track the insured's driving habits (September 13, 2013), and on state employees' improper review of American Idol star's government records (Sept. 9, 2010)

A Conversation with Dennis Hirsch, Professor of Law, Business First (Jan. 28, 2011) at 31

Invited Lectures and Roundtables

Privacy Law Scholar's Conference, selected paper, Corporate Data Ethics: Data Governance Transformations for the Age of Advanced Analytics (June 5, 2020).

Wisconsin Dept. of Agriculture, Trade and Consumer Protection's (DATCP) Data Privacy & Security Advisory Committee, Big Data Analytics: Risks, Ethics and Regulation (April, 2020).

Keynote Speaker, Tenth Brazilian Seminar on Privacy and Personal Data Protection, Beyond Control: Reinventing Privacy Law For the Algorithmic Economy (Sao Paolo, Brazil, Sept. 18, 2019)

Governance of Emerging Technologies and Science Conference, presentation titled From Individual Control to Social Protection: New Paradigms for Privacy Law and Policy In the Age of Predictive Analytics (May 2019, Phoenix, AZ).

Privacy Law Scholar's Conference, selected paper, presentation titled From Individual Control to Social Protection: New Paradigms for Law in the Age of Predictive Analytics (May 2019, Berkeley, CA).

OSU Fisher College of Business Center for Operational Excellence, presentation on *Big Data Ethics: The New Management Challenge* (April 2019, Columbus, Ohio)

OSU Fisher College of Business Risk Institute, Risk Series, presentation on *Big Data Ethics:* Risk Management for the Algorithmic Society (March 2019, Columbus, OH)

Vorys Sater Seymore & Pease, CLE session, presentation on *Big Data Ethics: The New Management Challenge* (December 2018, Columbus, OH)

Big Data Ethics: The New Management Challenge, Institute for International Analytics (Dec. 3, 2018)

Privacy, Trust and the Sustainable Development of the Big Data Economy, Opening Lecture, International Conference on Information Society and Law (Nov. 26, 2018)

From Deception to Unfairness: Towards a New Paradigm of Privacy Law and Policy for the Big Data Economy, Northeast Privacy Law Scholars' Conference (Nov. 9, 2018).

FMU University of Sao Paolo, Brazil, International Conference on Internet and Society, presentation on *Privacy, Trust and the Sustainable Development of the Big Data Economy* (November 2018, virtual lecture using Google Hangout).

International Association of Privacy Professionals, Columbus Knowledgenet Meeting, presentation on big data ethics (August 2018, Columbus, Ohio)

Learning Analytics and Data Ethics, presentation to the Ohio State Working Group on Student Analytics (April 2018).

Big Data Ethics: The New Management Challenge, Fisher College of Business, Center for Operational Excellence, 2018 Summit (April 2018).

Risk Management for Big Data Analytics, OSU Fisher College of Business Risk Institute, Executive Education session on How Work Culture Affects Brand Reputation, presentation on (March 7, 2017).

On the Regulation of Big Data, Consumer Financial Protection Board, Office of Enforcement (September 2015)

So Right, Yet So Wrong: Big Data, Discrimination and the FTC's Unfairness Authority, University of Washington Law School "virtual colloquium" at which four law professors responded to my current work in progress (May 2015)

That's Unfair! Or Is It? Big Data, Discrimination, and the FTC's Unfairness Authority, Section on Privacy and Defamation Law, AALS Annual Meeting (Jan. 2015)

Changing the Social Climate: What Oil Pollution Law Can Tell Us About Big Data and the Protection of Privacy, Yale Law School, Internet and Society Project (Apr. 2014)

Collaborative Governance and Privacy Regulation: The Dutch Example and its Lessons for U.S. Privacy Law, University of Connecticut Law School, Faculty Lecture Series (Jan. 2014)

Collaborative Governance and the Future of Privacy Law: What the Dutch Example Can Teach Us, University of Maine School of Law, Faculty Lecture (Sept. 2013)

Going Dutch: Should U.S. Privacy Law Follow the Collaborative, Dutch Model?, George Washington University Law School, International and Comparative Law Colloquium (Apr. 2013)

Collaborative Dutch Privacy Regulation and the Future of U.S. Privacy Law, Ohio State University Moritz College of Law, Faculty Lecture (Mar. 2013)

Going Dutch: Data Protection Codes of Conduct in the Netherlands and in the U.S., University of Amsterdam, Institute for Information Law (May 2012)

Collaborative Governance for Internet Privacy? The Lessons from Regulatory Experience, New York University Law School, Colloquium on Information Technology and Society (April 7, 2011)

Privacy Codes of Conduct: Legislation, Self-Regulation, or Something In-Between, Public Lecture on Occasion of Investiture as the Geraldine W. Howell Professor of Law, Capital University Law School (Sept. 2011)

Dutch Data Protection Codes of Conduct: What Lessons do They Hold for U.S. Privacy Law? Featured speaker at the Symposium on Data Protection Governance, the University of Amsterdam (June 2011)

A Reflexive Law Agenda to Promote Green Business, presentation to the U.S. Environmental Protection Agency, Office of Strategic Environmental Management (Washington, D.C., Nov. 10, 2010)

Privacy Law and the Second Generation of Environmental Regulation, Catholic University of Leuven (Belgium), Interdisciplinary Center for Law and Technology (ICRI) (April 2010)

Privacy Regulation and Environmental Policy: Skip a Generation? Roosevelt Academy, Utrecht University Honors College (Utrecht, Netherlands, April 2010)

Data Protection Codes of Conduct: The Promise and Perils of Collaborative Governance, Tilburg University, Tilburg Institute for Law and Technology (Tilburg, Netherlands, April 2010)

Privacy Regulation, Environmental Law and the Promise of Regulatory Covenants, Suffolk University Law School, Law and Society Speaker Series (Feb. 9, 2009)

The Greening of Industry and the Evolution of Environmental Law, Georgetown University Law Center, Environmental Law Research Workshop (Nov. 14, 2007)

Why Privacy Injuries are the Environmental Damage of the Information Age, lecture utilizing an avatar in the virtual world of There.com, The University of There (May 2007, http://stateofplayacademy.com)

Protecting the Inner Environment: What Privacy Regulation Can Learn from Environmental Law, Annual Law Review Invited Lecturer, University of Georgia Law School (Feb. 7, 2007)

Environmental Law Theory and Practice as a Model for Privacy Regulation, Florida State University School of Law, Faculty Lecture Series (Sept. 25, 2006)

Privacy Injuries, Environmental Damage and the Sustainable Development of the Information Economy, University of Connecticut School of Law, Faculty Lecture Series (December 2005)

Why Privacy Law is the Environmental Law of the 21st Century. International Association of Privacy Professionals National Summit, Broader Perspectives Track (March 2005)

Featured lectures prior to 2005 omitted.

Selected Conference and Panel Presentations

Webinar Series on Business Data Ethics, organizer, presenter and moderator, (October 2, 8, 12, 23, 29, 2020), recordings available at https://u.osu.edu/dataethicsforum/register-for-the-webinars/

Governing Emerging Technologies Conference, From Individual Control to Social Protection: New Paradigms for Law and Policy in the Era of Predictive Analytics (May 2019, Phoenix, AZ).

Program on Data and Governance Conference on Ohio's New Cybersecurity Law: What it Means for Business and for Data Protection, conference organizer and moderator (May 2019, Columbus, OH).

Fairness and the Protection of Personal Data, Computers, Privacy and Data Protection Conference (Brussels, BE, Jan. 2019).

Privacy Salon Policymakers Roundtable, expert participant (Sept. 2018, Washington, DC).

Smart Columbus Discussion Session, interactive presentation on the Smart Columbus Data Privacy Plan (October 2018, Columbus, OH)

Information Accountability Foundation Annual Summit, presentation on Data Ethics (July 2018, Pennsylvania)

Panel on The Ethics of Innovation: How Privacy and Data Advancements Can Co-Exist, International Association of Privacy Professionals, National Summit 2018, (March 28, 2018).

Panels on Smart Privacy in Critical Infrastructure, and on The Role of Ethical Analysis in Privacy and Data, at the Computers, Privacy and Data Protection conference, (January 25-26, 2018, Brussels, BE).

Panel on Ethics and Big Data Analytics, Fisher College of Business, Risk Institute, 2017 Annual Conference (Sept. 28, 2017).

Data Ethics Roundtable Discussion (invitation only event, Nov. 2, 2017, Facebook Offices New York City)

Building a Strong Privacy and Data Ethics Program: From Theory to Practice, United Nations Global Pulse and IAPP Joint Event:, invitation-only workshop (New York, May 4, 2017).

Big Data Ethics, International Association of Privacy Professionals (IAPP) Global Privacy Summit, panel presentation on (April 19, 2017).

Understanding Big Data Discrimination, Washington and Lee University School of Law, Symposium on Big Data Discrimination: Understanding Algorithmic Power, panel presentation (presentation by Skype, March 30, 2017).

Data Analytics Law and Policy: Some Key Questions," I/S: A Journal of Law and Policy for the Information Society, Symposium on Predictive Analytics Law and Policy: Mapping the Terrain, (March 24, 2017).

Privacy for the Homo Digitalis, Computers, Privacy and Data Protection (CPDP) conference, panel presentation, (Brussels, BE, January 25, 2017).

Big Data is a Crystal Ball: Privacy, Unfairness, and the Predictive Power of Data Analytics, Research Colloquium on the Law and Ethics of Big Data (April 2016)

Big Data Sustainability: An Environmental Management Systems Analogy, Future of Privacy Forum workshop: Beyond IRBs: Designing Ethical Review Processes for Big Data (Dec. 2015)

So Right, Yet So Wrong: Big Data, Discrimination and the FTC's Unfairness Authority, Privacy Law Scholar's Conference, Berkeley, CA (June 2015)

International Perspectives Panel, Michigan Telecommunications and Technology Law Review, Symposium on Privacy, Technology and the Law (Feb. 2015)

Google Scholar, Privacy Law Salon: Privacy Roundtable, Miami, FL (Feb. 2015)

The EU-US Interface: Is it Possible? Computers Privacy and Data Protection (CPDP) conference (Brussels, BE, Jan. 2015)

That's Unfair! Or is it? Big Data, Discrimination, and the FTC's Unfairness Authority, Midwestern Privacy Law Scholar's Workshop, Notre Dame Law School (Oct. 2014)

That's Unfair! Or is it? Big Data, Discrimination, and the FTC's Unfairness Authority, Kentucky Law Journal Annual Symposium (October 2014)

The Glass House Effect: Big Data, the New Oil, and the Power of Analogy, Privacy Law Scholars Conference (June 2014)

The Glass House Effect: Big Data, the New Oil, and the Power of Analogy, Maine Law Review Symposium on Who's Governing Privacy? (Feb. 2014)

Why Big Data is the New Oil, and What We Should Do About It, Future of Privacy Forum on Big Data: Making Ends Meet (Washington, D.C., Sept. 2013)

In Search of the Holy Grail: Can Sector-based Codes of Conduct Achieve Global Harmonization of Privacy Laws? Ohio State Law Journal's 2012-2013 Symposium on the The Second Wave of Global Privacy Protection (Nov. 2012)

A Law and Policy Agenda to Promote Green Business, Environmental Law Institute Seminar on "Green Business: Policies and Prospects" (Nov., 2012)

Dutch Treat? Collaborative Dutch Privacy Regulation and the Lessons it Holds for U.S. Privacy Law, paper presentation at the Privacy Law Scholarship Conference (June 2012)

A Policy Agenda for Promoting Green Business, Society for the Advancement of Socio-Economics Annual Conference, panel on "Voluntary Business Environmentalism" (Madrid, Spain, June 2011)

Dutch Treat: Can the Collaborative Dutch Approach to Privacy Regulation Work for U.S. Internet Privacy Law? Internet Law Works-in-Progress, Santa Clara Law School (March 5, 2011)

OBA in the USA: Regulation, Self-Regulation or Co-Regulation, U. of Amsterdam Conference on Online Behavioral Advertising and the Emerging Legal Framework (June 2010)

Conferences and panels prior to 2010 omitted

PERSONAL

Married to Suzanne Goldsmith-Hirsch, a novelist. We have two children, Clara (22) and Zander (20). I enjoy running, Latin percussion, acoustic guitar, and performing with The Big Rockin' Blues Band.