



MICHAEL J. MADISON

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RESEARCH INTERESTS AND ACTIVITIES

Institutions and governance; knowledge commons (including information and data sharing and data governance); intellectual property law (copyright, trademark, patent, and trade secret law); innovation and creation; new technologies and media; law, the legal profession, and legal education; universities and higher education; soccer/football

Co-founder, [Workshop on Governing Knowledge Commons](#), a collaborative, interdisciplinary research network, 2013-present

Co-founder, [Future Law Works](#), a collaborative network for research and activism directed to the future of law, legal institutions, and legal education, 2018-present

Co-founder and co-host, [The Future Law Podcast](#), 2018-present

ACADEMIC POSITIONS

University of Pittsburgh School of Law, Pittsburgh, PA
Professor of Law, 2008-present
Associate Professor of Law, 2004-2008
Assistant Professor, 2000-2004
Visiting Assistant Professor, 1998-2000

Tel Aviv University Buchmann Faculty of Law, Tel Aviv, Israel
Visiting Professor of Law, May 2018

Munich Intellectual Property Law Center, Max Planck Institute for Innovation and Competition (Max-Planck-Institut für Innovation und Wettbewerb), Munich, Germany
Visiting Professor of Law, George Washington University Law School Summer IP Program, Summer 2006, Summers 2008-2014

Washington University, St. Louis, MO
Visiting Assistant Professor of Law, Summer 2002

Harvard University, Cambridge, MA
Climenko Fellow, Harvard Law School, January 1997-July 1998

RESEARCH AFFILIATIONS

[Center for Philosophy of Science](#), University of Pittsburgh, Pittsburgh, PA
Resident Fellow, February 2024-present

[Center for Governance and Markets](#), University of Pittsburgh, Pittsburgh, PA

Faculty Affiliate, January 2022-present
[EDHEC Business School Augmented Law Institute](#), Lille, France
Affiliate Researcher, 2021-present

[University of Pittsburgh Clinical and Translational Science Institute \(CTSI\)](#),
Pittsburgh, PA
Professor (secondary appointment), 2021-present

[The Ostrom Workshop](#), University of Indiana, Bloomington, IN
Affiliate Faculty, 2013-present

[University of Pittsburgh Institute for Cyber Law, Policy, and Security](#),
Pittsburgh, PA
Senior Scholar, 2017-present

[University of Pittsburgh Center for Behavioral Health and Smart Technology](#),
Pittsburgh, PA
Faculty Affiliate, 2019-present

[University of Pittsburgh Center for International Studies, Global Studies Center](#),
Pittsburgh, PA
Faculty Affiliate, 2007-present

[The Sara Fine Institute](#), University of Pittsburgh, Pittsburgh, PA
Faculty Affiliate, 2007-present

HONORS AND AWARDS (ACADEMIC AND PROFESSIONAL)

[University of Pittsburgh Chancellor's Distinguished Research Award](#), Senior
Scholar, 2025

[American Law Institute](#), elected member, 2016

John E. Murray Faculty Scholar, University of Pittsburgh School of Law, 2017-
present

University of Pittsburgh Buchanan Ingersoll & Rooney Faculty Scholar Award,
2012

Fellow, [Educating Tomorrow's Lawyers](#), an initiative of the Institute for the
Advancement of the American Legal System (IAALS), 2012-2017

[University of Pittsburgh Chancellor's Distinguished Teaching Award](#), 2009

LEADERSHIP POSITIONS (ACADEMIC AND PROFESSIONAL)

University of Pittsburgh, Pittsburgh, PA
Academic Director, [University of Pittsburgh Institute for Cyber Law,
Policy, and Security](#), August 2017-August 2019

University of Pittsburgh School of Law, Pittsburgh, PA
Faculty Director, [Future Law Project](#), September 2020-present
Faculty Director, Innovation Practice Institute, January 2011-September
2020
Associate Dean for Research, January 2006-December 2010

Master, Q. Todd Dickinson American Inn of Court, Pittsburgh, PA, 2012-2020

Advisor, American Bar Association Section of Intellectual Property Law, Joint Task Force on On-Line Piracy and Counterfeiting Legislation, 2012-2014

Member, Executive Committee, Section on Intellectual Property Law, Association of American Law Schools, 2008

Chair, Section on Law and Computers, Association of American Law Schools, 2005

Member, Advisory Committee to the U.S. District Court for the Western District of Pennsylvania for Intellectual Property Cases, 2004-2018

Member, Ad Hoc Committee of the Pittsburgh Intellectual Property Law Association on Local Patent Rules for the Western District of Pennsylvania, 2003-2004

Member, Legal Advisory Boards, Statements of Best Practices in Fair Use, [American University Center for Media and Social Impact](#), 2005-2018

HONORS AND AWARDS (VOLUNTEER)

[The Yale Medal](#), awarded by the Association of Yale Alumni for service to Yale University, 2014

Association of Yale Alumni Leadership Award for Volunteer Innovation and Service, 2013

LEADERSHIP POSITIONS (VOLUNTEER)

Board of Governors, Association of Yale Alumni (now the [Yale Alumni Association](#))

Chair, 2010-2012

Immediate Past Chair, 2012-2014

Vice-Chair, 2008-2010

Secretary, 2007-2008

EDUCATION

Stanford University Law School, Stanford, CA
J.D., with Distinction, 1987

Yale University, New Haven, CT
B.A., *magna cum laude*, in Political Science, 1983

COURSES

University of Pittsburgh

For academic credit:

Copyright Law

Trademark Law

Technology, Law, and Leadership (seminar)

Previously (for academic credit):

Patent Law

Intellectual Property (survey)

Foundations of Intellectual Property (seminar)

Copyright and Music (seminar)

Contracts

Property

Secured Transactions

Previously (extracurricular/volunteer):
Leadership and Law
Innovation Practice Institute Leadership Forum

Tel Aviv University (2018)
Intellectual Property in Institutional Context

Munich Intellectual Property Law Center (2006-2014)
Theoretical Foundations of Intellectual Property / Philosophical
Foundations of Intellectual Property

Washington University (2002)
Intellectual Property

Harvard Law School (1997-1998)
Lawyering

GRANTS

NSF Law & Science Program, *RCN: The Governing Knowledge Commons Research Coordination Network*, September 1, 2020 to August 31, 2024: \$350,000, Co-Principal Investigator (with Brett M. Frischmann, Villanova University, Katherine J. Strandburg, New York University, and Madelyn R. Sanfilippo, University of Illinois)

EDITORSHIPS

General Editor, [Cambridge Studies on Governing Knowledge Commons](#), Cambridge University Press, (with Brett M. Frischmann, Villanova University, Katherine J. Strandburg, New York University, and Madelyn R. Sanfilippo, University of Illinois), 2017-present

BOOKS

[GOVERNING SMART CITIES AS KNOWLEDGE COMMONS](#) (Cambridge University Press, 2023) (editor, with Brett M. Frischmann and Madelyn R. Sanfilippo)

[GOVERNING MEDICAL KNOWLEDGE COMMONS](#) (Cambridge University Press, 2017) (editor, with Brett M. Frischmann and Katherine J. Strandburg)

[GOVERNING KNOWLEDGE COMMONS](#) (Oxford University Press, 2014) (editor, with Brett M. Frischmann and Katherine J. Strandburg)

[THE LAW OF INTELLECTUAL PROPERTY](#) (Aspen Law & Business, 5th ed. 2017) (with Craig Allen Nard and Mark McKenna) (1st ed. published 2006 with co-authors Craig Allen Nard and David W. Barnes; McKenna substituted for Barnes beginning with the 3rd ed.)

BOOK CHAPTERS

[Smart Cities and Knowledge Commons](#), in [GOVERNING SMART CITIES AS KNOWLEDGE COMMONS](#) 6-25 (Brett M. Frischmann, Michael J. Madison, and Madelyn R. Sanfilippo, eds.) (Cambridge University Press, 2023) (with Brett M. Frischmann and Madelyn R. Sanfilippo)

[The Kind of Solution a Smart City Is: Knowledge Commons and Postindustrial Pittsburgh](#), in [GOVERNING SMART CITIES AS KNOWLEDGE COMMONS](#) 157-220 (Brett M. Frischmann, Michael J. Madison, and Madelyn R. Sanfilippo, eds.) (Cambridge University Press, 2023)

Reviewed in [Daithi Mac Sithigh, There's a Great Big Beautiful Tomorrow \(for Pittsburgh\)](#), JOTWELL, January 4, 2023

The Republic of Letters and the Origins of Scientific Knowledge Commons, in GOVERNING PRIVACY IN KNOWLEDGE COMMONS 151-184 (Madelyn Sanfilippo, Katherine J. Strandburg, and Brett M. Frischmann, eds.) (Cambridge University Press, 2021)

Data Governance and the Emerging University, in RESEARCH HANDBOOK ON INTELLECTUAL PROPERTY AND TECHNOLOGY TRANSFER 364-390 (Jacob H. Rooksby, ed.) (Edward Elgar Publishing, 2020)

Knowledge Commons, in RESEARCH HANDBOOK ON THE ECONOMICS OF INTELLECTUAL PROPERTY LAW (Vol. II – Analytical Methods) 656-76 (Peter Menell and David Schwartz, eds.) (Edward Elgar Publishing, 2019) (with Brett M. Frischmann and Katherine J. Strandburg)

Biobanks as Knowledge Institutions, in GLOBAL GENES, LOCAL CONCERNS: LEGAL, ETHICAL AND SCIENTIFIC CHALLENGES IN INTERNATIONAL BIOBANKING 22-40 (Timo Minssen, Janne Rothmar Herrmann, and Jens Schovsbo, eds.) (Edward Elgar Publishing, 2019)

Knowledge Commons, in ROUTLEDGE HANDBOOK OF THE STUDY OF THE COMMONS 76-90 (Blake Hudson, Jonathan Rosenbloom, and Dan Cole, eds.) (Routledge, 2019) (with Brett M. Frischmann and Katherine J. Strandburg)

Knowledge Commons and the Road to Medical Commons [1-8]; *The Knowledge Commons Framework* [9-18]; and *Governing Knowledge Commons: An Appraisal* [421-429], in GOVERNING MEDICAL KNOWLEDGE COMMONS (Katherine J. Strandburg, Brett M. Frischmann, and Michael J. Madison, eds.) (Cambridge University Press, 2017) (with Brett M. Frischmann and Katherine J. Strandburg)

Information Abundance and Knowledge Commons, in USER GENERATED LAW: RE-CONSTRUCTING INTELLECTUAL PROPERTY LAW IN A KNOWLEDGE SOCIETY 28-54 (Thomas Riis, ed.) (Edward Elgar Publishing, 2016)

Understanding Access to Things: a Knowledge Commons Perspective, in INTELLECTUAL PROPERTY AND ACCESS TO IM/MATERIAL GOODS 17-43 (Jessica Lai and Antoinette Maget Dominicé, eds.) (Edward Elgar Publishing, 2016)

Governing Knowledge Commons [1-43] and *Conclusion* [469-484], in GOVERNING KNOWLEDGE COMMONS (Brett M. Frischmann, Michael J. Madison and Katherine J. Strandburg, eds.) (Oxford University Press, 2014) (with Brett M. Frischmann and Katherine J. Strandburg)

Commons at the Intersection of Peer Production, Citizen Science, and Big Data: Galaxy Zoo, in GOVERNING KNOWLEDGE COMMONS 209-254 (Brett M. Frischmann, Michael J. Madison and Katherine J. Strandburg, eds.) (Oxford University Press, 2014)

Contrasts in Innovation: Pittsburgh Then and Now, in INNOVATION AND ENTREPRENEURSHIP IN EVOLVING ECONOMIES: THE ROLE OF LAW 111-155 (Megan Carpenter, ed.) (Edward Elgar Publishing, 2012)

Constructing Commons in the Cultural Environment, in COMMONS. FÜR EINE NEUE POLITIK JENSEITS VON MARKT UND STAAT (Silke Helfrich/Heinrich-Böll-Stiftung (Hg.)) (transcript –Verlag, 2012) (published in English as THE WEALTH

OF THE COMMONS: A WORLD BEYOND MARKET & STATE (David Bollier and Silke Helfrich, eds., 2012) (with Brett M. Frischmann and Katherine J. Strandburg)

Creativity and Craft, in CREATIVITY, LAW AND ENTREPRENEURSHIP 22-48 (Shubha Ghosh and Robin Paul Malloy, eds.) (Edward Elgar Publishing, 2011)

Open Secrets, in THE LAW AND THEORY OF TRADE SECRECY: A HANDBOOK OF CONTEMPORARY RESEARCH 222-245 (Rochelle C. Dreyfuss and Katherine J. Strandburg, eds.) (Edward Elgar Publishing, 2011)

Fair Use and Social Practices, in INTELLECTUAL PROPERTY AND INFORMATION WEALTH 177-199 (Peter Yu, ed.) (Praeger, 2006)

ARTICLES AND ESSAYS

The Past, Present, and Future of Polycentric Legal Order: a Comparative Institutional Analysis of Lex Mercatoria and Blockchain, J. Inst. Econ. (8 Jan. 2026) (with Ilia Murtazashvili and Ali Palida)

An Emergent Order Perspective on Governance of Generative AI, REV. AUSTRIAN ECON. (29 Sept. 2025) (with Timothy G. Wood and Ilia Murtazashvili)

Knowledge Commons Past, Present, and Future, 28 LEWIS & CLARK L. REV. 303-331 (2024)

Too Much of a Good Thing? A Governing Knowledge Commons Review of Abundance in Context, FRONTIERS IN RESEARCH METRICS AND ANALYTICS SEC. RESEARCH POLICY AND STRATEGIC MANAGEMENT (13 July 2022) DOI: 10.3389/frma.2022.959505 (with Brett M. Frischmann, Madelyn R. Sanfilippo, and Katherine J. Strandburg)

Government by Code? Blockchain Applications to Public Sector Governance, FRONTIERS IN BLOCKCHAIN 5:869665 (21 June 2022) (with Pedro Bustamante, Meina Cai, Marcela Gomez, Colin Harris, Prashant Krishnamurthy, Wilson Law, Ilia Murtazashvili, Jennifer Brick Murtazashvili, Tymofiy Mylovanov, Natalia Shapoval, Annette Vee, and Martin Weiss)

Blockchain Networks as Knowledge Commons, 16 INT'L J. OF THE COMMONS 108-119 (2022) (with Ilia Murtazashvili, Jennifer Brick Murtazashvili, and Martin Weiss)

Ostrom Amongst the Machines: Blockchain as a Knowledge Commons, 10 COSMOS + TAXIS / Issue 3 + 4 (2022) (with Herminio Bodon, Pedro Bustamante, Marcela Gomez, Prashant Krishnamurthy, Ilia Murtazashvili, Jennifer Murtazashvili, Tymofiy Mylovanov, and Martin Weiss)

Fair Play: Notes on the Algorithmic Soccer Referee, 23 VANDERBILT J. ENT. & TECH. L. 341-432 (2021)

Tools for Data Governance, 2020 TECHNOLOGY & REGULATION 29-43

What's News?, 6 CRITICAL ANALYSIS L. 240-251 (2019) (reviewing WILL SLAUTER, WHO OWNS THE NEWS? (Stanford University Press 2019))

IP Things as Boundary Objects: The Case of the Copyright Work, 6 LAWS 13- 57 (2017)

Authority and Authors and Codes, 84 GEO. WASH. L. REV. 1616-1643 (2016)

Leading New Lawyers: Leadership and Legal Education, 83 TENN. L. REV. 751-769 (2016)

Innovators, Esq.: Training the Next Generation of Lawyer Social Entrepreneurs, 83 UMKC L. REV. 967-989 (2015) (with Stephanie A. Dangel)

The End of the Work as We Know It, 19 J. INTELL. PROP. L. 325-55 (2012)

Madisonian Fair Use, 30 CARDOZO ARTS & ENT. L.J. 39-51 (2012)

Knowledge Curation, 86 NOTRE DAME L. REV. 1957-1998 (2011)

Beyond Invention: Patent as Knowledge Law, 15 LEWIS & CLARK L. REV. 71-108 (2011)

Some Optimism About Fair Use and Copyright Law, 57 J. COPYRIGHT SOC'Y U.S.A. 351-370 (2010)

Beyond Creativity: Copyright as Knowledge Law, 12 VANDERBILT J. ENT. & TECH. L. 817-851 (2010)

Reply: The Complexity of Commons, 95 CORNELL L. REV. 839-850 (2010) (with Brett M. Frischmann and Katherine J. Strandburg)

Constructing Commons in the Cultural Environment, 95 CORNELL L. REV. 657-709 (2010) (with Brett M. Frischmann and Katherine J. Strandburg)
Republished in ELINOR OSTROM AND THE BLOOMINGTON SCHOOL OF POLITICAL ECONOMY (Vol. 4, Policy Applications and Extensions) (Daniel Cole and Michael McGinnis, eds.) (Lexington Books, 2018), and in INTELLECTUAL PROPERTY AND THE PUBLIC DOMAIN (Robert Merges and Amy Landers, eds.) (Edward Elgar Publishing, 2017)

Of Coase and Comics, or the Comedy of Copyright, 95 VA. L. REV. ONLINE 27-42 (2009)

Notes on a Geography of Knowledge, 77 FORDHAM L. REV. 2038-2085 (2009)

The University as Constructed Cultural Commons, 30 WASH. U. J.L. & POL'Y 365-406 (2009) (with Brett M. Frischmann and Katherine J. Strandburg)

IP and Americana, or Why Intellectual Property Gets the Blues, 18 FORDHAM INTELL. PROP. MEDIA & ENT. L.J. 677-710 (2008)

Writing to Learn Law and Writing in Law: An Intellectual Property Illustration, 52 ST. LOUIS U. L.J. 823-841 (2008)

The Idea of the Law Review: Scholarship, Prestige, and Open Access, 10 LEWIS & CLARK L. REV. 901-924 (2006)

Social Software, Groups, and Governance, 2006 MICH. ST. L. REV. 153-191

Metaphor, Objects, and Commodities, 54 CLEV. ST. L. REV. 141-174 (2006) (with George Taylor)

Law as Design: Objects, Concepts, and Digital Things, 56 CASE W. RES. L. REV. 381-478 (2005)

Rewriting Fair Use and the Future of Copyright Reform, 23 CARDOZO ARTS & ENT. L.J. 391-418 (2005)

A Pattern-Oriented Approach to Fair Use, 45 WM. & MARY L. REV. 1525-1690 (2004)

The Narratives of Cyberspace Law (or, Learning from Casablanca), 27 COLUM. J. L. & ARTS 249-275 (2004)

Reconstructing the Software License, 35 LOY. U. CHI. L.J. 275-340 (2003)

Rights of Access and the Shape of the Internet, 44 B.C. L. REV. 433-507 (2003)

Where Does Creativity Come From? and Other Stories of Copyright, 53 CASE W. RES. L. REV. 747-765 (2003)

The Lawyer as Legal Scholar, 65 U. PITT. L. REV. 63-81 (2003) (review of EUGENE VOLOKH, *ACADEMIC LEGAL WRITING* (Foundation Press 2003))

Complexity and Copyright in Contradiction, 18 CARDOZO ARTS & ENT. L. J. 125-174 (2000)

Legal-Ware: Contract and Copyright in the Digital Age, 67 FORDHAM L. REV. 1025-1143 (1998)

SHORT WORKS

La chasse aux diplômes (The Paper Chase), in [100 FILMS A VOIR \(OU A REVOIR\) LORSQUE L'ON EST JURISTE](#) (Mathieu Perrin ed.) (Mare & Martin, 2025)

The Future of Law, Lawyers, and Law Schools: A Dialogue, 85 U. PITT. L. REV. 207-230 (2024) (with Sameer M. Ashar, Benjamin H. Barton, and Rachel F. Moran)

Twenty-First Century Battles and Eighteenth Century Tools: Copyright in the COVID-19 Era (interview, conducted by Brendan Kredell), J. CINEMA & MEDIA STUD. (Teaching Media) (Spring 2021)

Faculty Perspectives: The ABA Commission on the Future of Legal Education, AALS NEWS (Spring 2020)

Knowledge Commons, COMMONS DIGEST, International Association for the Study of Commons (IASC), No. 21, at 4-7 (Winter 2019)

The Football as Intellectual Property Object, in *A HISTORY OF INTELLECTUAL PROPERTY IN 50 OBJECTS* 165-171 (Claudy Op Den Kamp and Dan Hunter, eds.) (Cambridge University Press, 2019)

Tragedy revisited, SCIENCE 14 Dec 2018: Vol. 362, Issue 6420, pp. 1236-1241 (with Robert Boyd, Tine De Moor, Christopher Dye, Brett M. Frischmann, Kristina M. Gjerde, Harriet Harden-Davies, Matthew O. Jackson, Angela R McLean, Ruth Meinzen-Dick, Peter J. Richerson, and Katherine J. Strandburg)

Book Review, How to Fix Copyright, by William Patry, 3 THE IP LAW BOOK REVIEW 29-35 (2013)

The Legitimacy of Open Source and Other Software Licenses, 9 J. INTERNET L. 1, 13-25 (2005)

What's My Copy Right?, 48 J. COPYRIGHT SOC'Y U.S.A. 787-794 (2001)

BRIEF REVIEWS

No Machines in the Garden, JOTWELL, January 13, 2021 (reviewing Rebecca Crootof & BJ Ard, *Structuring TechLaw*, 34 HARV. J.L. & TECH. 347 (2021))

Oyez, Robot, JOTWELL, January 24, 2020 (reviewing Richard M. Re & Alicia Solow-Niederman, *Developing Artificially Intelligent Justice*, 22 STAN. TECH. L. REV. 242 (2019))

Fucking with the Magic, JOTWELL, January. 22, 2019 (reviewing Kristen E. Eichensehr, *Digital Switzerlands*, 167 U. PA. L. REV. 665 (2019))

Money for Your Life: Understanding Modern Privacy, JOTWELL, January 8, 2018 (reviewing Stacy-Ann Elvy, *Paying for Privacy and the Personal Data Economy*, 117 COLUM. L. REV. 1369 (2017))

What is Cyberlaw, or There and Back Again, JOTWELL, December 9, 2016 (reviewing Jeanette Hofmann, Christian Katzenbach & Kirsten Gollatz, *Between Coordination and Regulation: Finding the Governance in Internet Governance*, NEW MEDIA & SOCIETY (2016))

Data for Peace: The Future of the Internet of Things, JOTWELL, January 7, 2016 (reviewing THE ATOMIC AGE OF DATA: POLICIES FOR THE INTERNET OF THINGS REPORT OF THE 29TH ANNUAL ASPEN INSTITUTE CONFERENCE ON COMMUNICATIONS POLICY, Ellen P. Goodman, Rapporteur)

"They're Coming to Get You, Barbara", JOTWELL, January 12, 2015 (reviewing Julie E. Cohen, *The Zombie First Amendment*, 56 WM. & MARY L. REV. 1119 (2015))

What's So Special About Information Security, JOTWELL, December 13, 2013 (reviewing Andrea M. Matwyshyn, *The Law of the Zebra*, 28 BERKELEY TECH. L.J. 155 (2013))

Tattoo You, JOTWELL, January 23, 2013 (reviewing Aaron Perzanowski, *Intellectual Property Norms in the Tattoo Industry*, 98 MINN. L. REV. 511 (2013))

Law and Borders, Revisited, JOTWELL, January 4, 2012 (reviewing Marketa Trimble, *The Future of Cybertravel: Legal Implications of the Evasion of Geolocation*, 22 FORDHAM INTELL. PROP. MEDIA & ENT. L.J. 567 (2012))

Exploring Legitimacy in Internet Institutions, JOTWELL, December 10, 2010 (reviewing Jonathan Weinberg, *Non-State Actors and Global Informal*

Governance — The Case of ICANN, in INTERNATIONAL HANDBOOK ON INFORMAL GOVERNANCE (Thomas Christiansen and Christine Neuhold eds., 2011))

Straight Talk About Game Gods, JOTWELL, October 27, 2009 (reviewing Joshua A.T. Fairfield, *The God Paradox*, 89 B.U. L. REV. 1017 (2009))

CONFERENCE PROCEEDINGS

Ravit Dotan, Lisa S. Parker, and John G. Radzilowicz, *Responsible Adoption of Generative AI in Higher Education: Developing a 'Points to Consider' Approach Based on Faculty Perspectives*, FACCT '24: PROCEEDINGS OF THE 2024 ACM CONFERENCE ON FAIRNESS, ACCOUNTABILITY, AND TRANSPARENCY (the full list of members of the committee that produced this report is given in the Appendix)

On the Governance of Federated Platforms (August 7, 2023) (with Pedro Bustamante, Marcela Gomez, Prashant Krishnamurthy, Ilia Murtazashvili, Balaji Palanisamy, Ali Palida, and Martin B.H. Weiss), TPRC51 (Telecommunications Policy Research Conference), Washington, DC

Is Blockchain the Next Step in the Evolution Chain of [Market] Intermediaries? (December 20, 2019) (with Marcela Gomez, Pedro Bustamante, Martin B. H. Weiss, Ilia Murtazashvili, Wilson Law, Tymofiy Mylovanov, Herminio Bodon, Prashant Krishnamurthy), TPRC47 (Telecommunications Policy Research Conference), Washington, DC

WORKING PAPERS (UNPUBLISHED MANUSCRIPTS)

An Invitation Regarding Law and Legal Education, and Imagining the Future, U. of Pittsburgh Legal Studies Research Paper No. 2018-03 (February 12, 2018) ([extended in an online Symposium at Prawfsblawg](#) (Spring 2018))

Preparing for Service: A Template for 21st Century Legal Education, U. of Pittsburgh Legal Studies Research Paper No. 2015-27 (August 12, 2015)

Lost Classics of Intellectual Property Law, U. of Pittsburgh Legal Studies Research Paper No. 2014-28 (August 1, 2014)

Visions of the Future of (Legal) Education, U. of Pittsburgh Legal Studies Research Paper No. 2014-13 (June 23, 2015)

WORKS IN PROGRESS

Books

GOVERNING UNIVERSITIES: COMMONS AND THE FUTURE OF KNOWLEDGE SHARING (book manuscript)

LAW OF THE GAMES: WHAT SOCCER TEACHES ABOUT GOVERNANCE, COMMUNITY, AND THINGS (book manuscript)

WHAT WE KNOW AND HOW: A GLOSSARY OF INSTITUTIONS AND PRACTICES (book manuscript)

Articles and Essays

The IPCC as Expert Knowledge Commons, in THE ENVIRONMENTAL KNOWLEDGE COMMONS: CASES AND LESSONS FOR KNOWLEDGE SHARING ((Anjanette Raymond, Scott Shackelford, Jessica Steinberg, and Michael Mattioli eds.) (forthcoming, Cambridge University Press)

Knowledge Commons, in the ELGAR ENCYCLOPEDIA OF INTELLECTUAL PROPERTY LAW (Paul Torremans, Irini Stamatoudi, Peter K. Yu, and Justin Jütte eds.) (forthcoming, Edward Elgar Publishing)

The Decentralized Autonomous Corporation as Knowledge Commons (with Ilia Murtazashvili), in GOVERNING CORPORATE KNOWLEDGE COMMONS (David Gindis ed.) (forthcoming, Cambridge University Press)

Models and Law (with Christian Turner)

The Limits of the Utopian Imagination: The City as Knowledge Commons

PUBLISHED PRESENTATIONS

Information Governance, 25 J. MARSHALL J. COMPUTER & INFO. L. 673-679 (2009)

Beyond Napster: Debating the Future of Copyright on the Internet, 50 AMERICAN U. L. REV. 363-387 (2000)

SELECTED OP-EDS

Columnist, *Postindustrial*, 2020-2023

What You Flush Isn't Yours: Is it government overreach when private life offers public data?, June 4, 2023

Food and the Future of Postindustrial Cities, December 22, 2022

Public Art for Postindustrial Cities, November 12, 2022

On Stadium Names, Artificial Intelligence, and Pittsburgh Poetry, August 15, 2022

Pittsburgh's Future Isn't Local, May 5, 2022

Beyond Innovation Theater, November 24, 2021

Tech for all ... but who's it really for?, September 25, 2021

A New Pittsburgh Labor Movement, Part 2, July 5, 2021

A New Pittsburgh Labor Movement, Part 1, July 1, 2021

Renewing Pittsburgh's Governance, March 31, 2021

Let's expand what it means to be "a Pittsburgher", January 1, 2021

Imagining a future Pittsburgh for all, October 24, 2020

Shaping the Pittsburgh Region Post-pandemic, (Pittsburgh) TribLive, May 14, 2020 (with Chris Briem)

The Birth of Penguins Nation, Pittsburgh Post-Gazette, April 1, 2007 (with Chad Hermann)

The Cupcake Class and Its Contentment, Pittsburgh Post-Gazette, April 1, 2007

Note to the Allegheny Conference – Get Out of the Way, Pittsburgh Post-Gazette, November 6, 2005

SELECTED SCHOLARLY PRESENTATIONS

2025

Power, Participation, and Heterogeneity in Knowledge Commons (panel chair), 20th Biennial Conference of the International Association for the Study of the Commons (IASC), University of Massachusetts, Amherst, MA, June 2025

Bad Commons: Silicon Valley, 'Technically Urban' Workshop, University of Pittsburgh Department of Sociology, Pittsburgh, PA, April 2025

2024

The Distributed Autonomous Corporation as Knowledge Commons, World Interdisciplinary Network for Institutional Research (WINIR) Annual Conference, Pittsburgh, PA, September 2024

AI and the Futures of Communities, Human Futures – Thriving in the Age of AI, Monash University Law and Penn State PILOT Lab, Washington DC, April 2024

The Distributed Autonomous Corporation as Knowledge Commons, Conference on Governing Corporate Knowledge Commons, King's College London, London, UK, February 2024

2023

An Introduction to Knowledge Commons, IViR Workshop on New GI Legislation and the Commons, University of Amsterdam Institute for Information Law (IViR), Amsterdam, The Netherlands, December 2023

Do You Speak Climate Change? A Knowledge Commons Exploration of the IPCC, Environmental Knowledge Commons book conference, University of Indiana Bloomington Ostrom Workshop, Bloomington, IN, October 2023

Governing Smart Cities as Knowledge Commons, Carnegie Mellon University Metro21 Smart Cities Institute and Remaking Cities Institute, Pittsburgh, PA, September 2023

A Knowledge Commons Primer for Data Governance Research, and More, Lewis & Clark Law School Fall Forum, Portland, OR, September 2023

Down With Law (What Cyberlaw Has Taught), Lastowka Cyberlaw Colloquium, Philadelphia, PA, May 2023

Policy Panel, CMU Secure Blockchain Summit, Pittsburgh, PA, May 2023

The Future of Legal Education Reform: We're Done. What's Next?, Disarmed, Distracted, Disconnected, and Distressed: Modern Legal Education and the Unmaking of American Lawyers, University of Pittsburgh School of Law and the Law & Humanities Institute, Pittsburgh, PA, April 2023

Biomedicine and the Many Uses of Knowledge Commons, Enabling Openness in Australian Stem Cell Research (EOAR), University of Adelaide, March 2023

LLM-based Generative AI: Exploring Potential Research Agendas, Monash University Data Futures Institute and the Wharton Zicklin Center for Governance & Business Ethics, March 2023

2022

Governing Smart Cities as Knowledge Commons, World Interdisciplinary Network for Institutional Research (WINIR) Conference on Polycentric Governance, September 2022

Technology, Information, and the Rule of Law, European Humanities University Centre for Constitutionalism and Human Rights, August 2022

IP 2042, Law, Legal Institutions and Technological Change Conference,
University of Wisconsin Law School, Madison, WI, April 2022

Governing Knowledge Commons, Workshop: Cultural Heritage Institutions from
a Commons Perspective, Center for Advanced Internet Studies (CAIS), Bochum,
Germany, March 2022

2021

Governing Knowledge Commons: Looking Back and Looking Ahead, European
University Institute Working Group Law of Information Society, Florence, Italy,
September 2021

Four Models of Law in Leadership, Lawyers, Leadership, and Change:
Addressing Challenges and Opportunities in Unprecedented Times, Santa Clara
University School of Law, Santa Clara, CA, February 2021

2020

Knowledge Commons and the Smart Post-Industrial City: Pittsburgh, Smart
Cities Workshop: Data, Tech, Institutions, and Trustworthy Governance,
Villanova University Charles Widger School of Law, Philadelphia, PA, October
2020

Trust, Truth, and Justice: A Soccer Story, Vanderbilt Journal of Entertainment
& Technology Law Symposium, Vanderbilt University School of Law, Nashville,
TN, February 2020

2019

*Governing the World's Most Valuable Resource (Everything You Know About
Data is Right)*, Workshop on Governing Data as a Resource (keynote), Tilburg
Institute for Law, Technology, and Society (TILT) & Tilburg Law and Economics
Center (TILEC), Tilburg University, Tilburg, The Netherlands, November 2019

Knowledge Commons: A Research Agenda and Health Policy Implications,
University of Pittsburgh School of Public Health, Pittsburgh, PA, April 2019

Data Governance and the Emerging University, Second Annual Three Rivers
Tech & IP Colloquium, Duquesne University School of Law, Pittsburgh, PA,
January 2019

2018

The Origins of Knowledge Commons: Open Science in Historical Perspective,
Privacy as Knowledge Commons Governance Conference, Villanova University
Charles Widger School of Law, Villanova, PA, October 2018

Governing University Knowledge Commons, University of Haifa, Faculty of Law,
Center for Cyber Law and Policy, Haifa, Israel, May 2018

Governing University Knowledge Commons, 2018 Lastowka Academic
Roundtable, Washington & Lee University School of Law, Lexington, VA, April
2018

Data Models and the DMCA, Symposium: The Digital Millennium Copyright Act at 20, Texas A&M University School of Law, Fort Worth, TX, March 2018

Fantastic Fair Use and Where to Find It, Works in Progress Intellectual Property (WIPIP), Case Western Reserve University School of Law, Cleveland, OH, February 2018

2017

Biobanks as Knowledge Institutions, Global Genes - Local Concerns Seminar, University of Copenhagen Faculty of Law, Copenhagen, Denmark, November 2017

Governing Privacy and Security Commons: Beyond Technical and Legal Panaceas, Pitt Science 2017, University of Pittsburgh, Pittsburgh, PA, September 2017

Governing University Knowledge Commons, Ninth Annual Workshop of the International Society for the History and Theory of Intellectual Property (ISHTIP), University of Toronto Faculty of Law, Toronto, Ontario, Canada, July 2017

Three Things About Things, The Art and Science of the IP Deal, University of Washington School of Law, Seattle, WA, April 2017

Authority and Authors and Codes, 2017 Lastowka Cyberlaw Colloquium, Villanova University Charles Widger School of Law, Villanova, PA, February 2017

2016

Patterns and Fair Use in Copyright 2: The Sequel, Copyright in the Public Interest: A Conference Reflecting on the Scholarship of Peter Jaszi, American University Washington College of Law, Washington DC, November 2016

Governing Medical Knowledge Commons, University of Cambridge, Faculty of Law, Centre for Intellectual Property and Information Law, Cambridge, UK, October 2016

Copyright in the Era of Big Data, Institute for European Studies, Vrije Universiteit Brussel (Free University of Brussels), Brussels, Belgium, October 2016

Governing Knowledge Commons, International Association for the Study of Commons (IASC) Third Thematic Conference on Knowledge Commons (keynote), Sciences Po, Paris, France, October 2016

Information Abundance and Knowledge Commons, Munich Summer Institute, Max Planck Institute for Innovation and Competition, Munich, Germany, June 2016

Governing Medical Commons, 8th Conference on Innovation and Communications Law, University of Eastern Finland (UEF) Law School, Joensuu, Finland, May 2016

Governing Medical Commons, Update on current intellectual property research, Centre for Information and Innovation Law (CIIR), University of Copenhagen, Copenhagen, Denmark, May 2016

Big Data and Commons Challenges for Researchers, Program on Global Genes, Local Concerns Conference: Legal dimensions of Big Data in the Health and Life Sciences – from intellectual property rights and global pandemics to privacy and ethics, University of Copenhagen, Copenhagen, Denmark, May 2016

Laws of the Game: Who Owns Soccer?, Intellectual Property in All the New Places Symposium, Texas A&M University School of Law, Fort Worth, TX, April 2016

Laws of the Game: Who Owns Soccer?, Center for Intellectual Property Law and Innovation Distinguished Lecture Series, University of Indiana Indianapolis Robert H. McKinney School of Law, Indianapolis, IN, March 2016

2015

Authority and Authorship, George Washington Law Review Symposium on Hacking into the Computer Fraud and Abuse Act: The CFAA at 30, George Washington University Law School, Washington, DC, November 2015

Universities as Commons, University of Akron School of Law Second Annual David & Ann Brennan IP Scholars Roundtable, Akron, OH, October 2015

Governing Knowledge Commons, Max Planck Institute for Innovation and Competition and Munich Intellectual Property Law Center, Munich, Germany, June 2015

Governing Knowledge Commons, DLA Piper IP Lecture Series, Bucerius Law School, Hamburg, Germany, June 2015

Governing Knowledge Commons, University of Amsterdam Institute for Information Law (IViR), Amsterdam, The Netherlands, May 2015

Governing Knowledge Commons, Centre for Global Governance Studies, University of Leuven, Leuven, Belgium, May 2015

Governing Knowledge Commons, Innovation Law Beyond Intellectual Property 2 Conference, Yale University Law School, New Haven, CT, March 2015

Innovation Institutions: A Field Guide to Contemporary IP Research and Practice, University of Connecticut School of Law, Hartford, CT, February 2015

Access as Knowledge Commons, Conference: Access to Material and Immaterial Goods, University of Luzern, Luzern, Switzerland, January 2015

2014

Governing Knowledge Commons, Creativity Without Law Symposium, Case Western Reserve University School of Law, Cleveland, OH, November 2014

Governing Knowledge Commons, BookIT IP Series, Chicago-Kent College of Law, Illinois Institute of Technology, Chicago, IL, October 2014

A Theory of Things, Intellectual Property Scholars Conference (IPSC), University of California Berkeley School of Law, Berkeley, CA, August 2014

The Knowledge Commons Concept, Workshop on the Ostrom Workshop (WOW) 5, Indiana University, Bloomington, IN, June 2014

Managing Commons, Conference on IP Governance by Private Collective Entities, Centre for Information and Innovation Law (CIIR), University of Copenhagen, Copenhagen, Denmark, March 2014

Knowledge Law: An Introduction and Overview, Cyberlaw Colloquium, The Wharton School, University of Pennsylvania, Philadelphia, PA, February 2014

The Future of Things: The Copyright Work as Legal Object, Cardozo Law School Intellectual Property and Information Law Colloquium, Benjamin N. Cardozo School of Law, Yeshiva University, New York, NY, February 2014

2013

Commons at the Intersection of Peer Production, Citizen Science, and Big Data: Galaxy Zoo, RAND Corporation, Pittsburgh, PA, November 2013

Commons at the Intersection of Peer Production, Citizen Science, and Big Data: Galaxy Zoo, The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis, Indiana University, Bloomington, IN, October 2013

Knowledge Law: An Introduction and Overview, Intellectual Property Scholars Conference (IPSC), Benjamin N. Cardozo School of Law, Yeshiva University, New York, NY, August 2013

The Future of Things: The Copyright Work as Legal Object, Faculty Workshop, Suffolk University Law School, Boston, MA, March 2013

2012

The Future of Things: The Copyright Work as Legal Object, Conference on Searching for the Boundaries of Intellectual Property Law, University of Hong Kong, Hong Kong, December 2012

The Future of Things: The Copyright Work as Legal Object, Faculty Workshop, Brooklyn Law School, Brooklyn, NY, November 2012

The Future of Things: The Copyright Work as Legal Object, Faculty Workshop, McGill University Faculty of Law, Center for Intellectual Property Policy, Montreal, Quebec, Canada, October 2012

Constructing Commons in Intellectual Resources, The 1st Global Thematic Conference on the Knowledge Commons, International Association for the Study of Commons (IASC), Université Catholique de Louvain, Louvain-la-Neuve, Belgium, September 2012

Works/Things, Fourth Annual Workshop of the International Society for the History and Theory of Intellectual Property (ISHTIP), London School of Economics, London, England, June 2012

Astrocommons and the Evolving Futures of Scientific Research, Boston University School of Law, Boston, MA, April 2012
The End of the Work as We Know It, Journal of Intellectual Property Law Conference, University of Georgia School of Law, Athens, GA, March 2012

Astrocommons and the Evolving Futures of Scientific Research, Google, Inc., Mountain View, CA, January 2012

2011

Astrocommons and the Evolving Futures of Scientific Research, Faculty Workshop, Earle Mack School of Law, Drexel University, November 2011

Astrocommons and the Evolving Futures of Scientific Research, Convening Cultural Commons Workshop, Engelberg Center for Innovation Law & Policy, New York University School of Law, New York, NY, September 2011

IP and Knowledge, Workshop on Progressive Property IV, McGill University, Faculty of Law, Montreal, Quebec, Canada, May 2011

Contrasts in Innovation: Pittsburgh Then and Now, Evolving Economies: The Role of Law in Entrepreneurship and Innovation, Texas Wesleyan School of Law, Fort Worth, TX, April 2011

2010

Commons and Knowledge Curation, Symposium on Creativity and the Law, University of Notre Dame Law School, South Bend, IN, November 2010

Constructing Commons in the Cultural Environment, H. John Heinz III College Faculty Research Seminar Series, Carnegie Mellon University, Pittsburgh, PA, November 2010

Constructing Commons in the Cultural Environment, Oxford Intellectual Property Seminar Series, St. Peter's College, University of Oxford, Oxford, UK, May 2010

Beyond Creativity: What Copyright Ignores, History of Art and Architecture Colloquium, University of Pittsburgh, Pittsburgh, PA, April 2010

Constructing Commons in the Cultural Environment, Association for Law, Property and Society, Annual Meeting, Washington, DC, March 2010

2009

Gift and Ownership in Popular Music, Conference on Music and Cultural Rights, University of Pittsburgh Department of Music, Pittsburgh, PA, December 2009

Recovering Copyright as a System for Knowledge, Drawing Lines in the Digital Age: Copyright, Fair Use, and Derivative Works, Vanderbilt University Law School, Nashville, TN, October 2009

The University as Constructed Cultural Commons, Law and New Institutional Economics Workshop for Law Professors, University of Colorado Law School, Boulder, CO, June 2009

Open Source Licenses and the Boundaries of Knowledge Production, Torys Speaker Series in Law & Technology, University of Ottawa, Faculty of Law, Ottawa, Ontario, Canada, March 2009

The Entrepreneurship Commons, Digital Entrepreneurship Symposium, West Virginia University College of Law, Morgantown, WV, March 2009

Open Secrets, Workshop on Trade Secrecy, Engelberg Center for Innovation Law & Policy, New York University School of Law, New York, NY, February 2009

2008

Notes on a Geography of Knowledge, When Worlds Collide: Intellectual Property Laws at the Interface Between Systems of Knowledge Creation Symposium, Fordham University School of Law, New York, NY, October 2008

Notes on a Geography of Knowledge, Faculty Workshop, Brooklyn Law School, Brooklyn, NY, October 2008

Constructing Commons in the Cultural Environment, Intellectual Property Scholars Conference (IPSC), Stanford University Law School, Stanford, CA, August 2008

Constructing Commons in the Cultural Environment, Conference on Science and Technology Studies and Intellectual Property Law, UC Berkeley & Stanford Law Schools, St. Helena, CA, May 2008

The University as Constructed Cultural Commons, Symposium: Open Source and Proprietary Models of Innovation: Beyond Ideology, Washington University School of Law, St. Louis, MO, April 2008

Information Governance, Faculty Workshop, Lewis & Clark Law School, Portland, OR, January 2008

2007

Information Governance, Entertainment, Media & Intellectual Property Colloquium, UCLA School of Law, Los Angeles, CA, October 2007

Information Governance, Faculty Workshop, Santa Clara University School of Law, Santa Clara, CA, October 2007

Information Governance, Faculty Workshop, Boston College Law School, Boston, MA, September 2007

Constructing Commons in the Cultural Environment, Intellectual Property Scholars Conference (IPSC), DePaul University College of Law, Chicago, IL, August 2007

Information Governance, Information Society Project Speaker Series, Yale University Law School, New Haven, CT, April 2007

What if the Ancient Romans Had Invented the Printing Press?, Conference: What Ifs, and Other Alternative Intellectual Property and Cyberlaw Stories, Michigan State University College of Law, East Lansing, MI, March 2007

2006

Information Form and Flow, IP Series, George Washington University Law School, Washington, DC, November 2006

IP, Pooling Arrangements, and Constructed Environments, Works in Progress Intellectual Property (WIPIP) Colloquium, University of Pittsburgh School of Law, Pittsburgh, PA, October 2006

Social Software and a Framework for Information Governance, Center for Internet and Society Speaker Series, Stanford University Law School, Stanford, CA, January 2006

2005

The Knowledge Problem in Patent Law, Works in Progress Intellectual Property (WIPIP) Colloquium, Washington University School of Law, St. Louis, MO, October 2005

Social Software, Groups, and Law, Association for the Study of Law, Culture & Humanities Annual Meeting, Austin, TX, March 2005

Fair Use and the Future of Copyright Reform, Faculty Workshop, Marquette University Law School, Milwaukee, WI, March 2005

Fair Use and the Future of Copyright Reform, Symposium: Modest Proposals 2.0, Benjamin N. Cardozo School of Law, Yeshiva University, New York, NY, February 2005

Social Software, Groups, and Law, Symposium on Real Law and Online Rights, Virginia Journal of Law & Technology, University of Virginia School of Law, Charlottesville, VA, February 2005

2004

Information Markets, Humanism, and the Intellectual Property Apocalypse, Works in Progress Intellectual Property (WIPIP) Colloquium, Boston University School of Law, Boston, MA, September 2004

Rights and Things, Fourth Annual Intellectual Property Scholars Conference (IPSC), DePaul University College of Law, Chicago, IL, August 2004

Rights and Things, Law and Society Association Annual Meeting, Chicago, IL, May 2004

Rights and Things, Intellectual Property & Communications Law and Policy Scholars Roundtable, Michigan State University-DCL College of Law, East Lansing, MI, February 2004

2003

A Pattern-Oriented Approach to Fair Use, Penn-Temple-Wharton Colloquium, University of Pennsylvania Law School, Philadelphia, PA, November 2003

A Pattern-Oriented Approach to Fair Use, Works-in-Progress Intellectual Property (WIPIP) Colloquium, Tulane University Law School New Orleans, LA, October 2003

Private Rules and Public Order, Law and Society Association Annual Meeting, Pittsburgh, PA, June 2003

Reconstructing the Software License, Loyola Law School Chicago Conference on the Internet and Governance, Chicago, IL, March 2003

Rights of Access and the Shape of the Internet, Chicago Intellectual Property Colloquium, Chicago-Kent College of Law, Illinois Institute of Technology, Chicago, IL, January 2003

2002

Rights of Access and the Shape of the Internet, Intellectual Property, the Internet & E-Commerce Conference, Boston College Law School, Boston, MA, October 2002

Where Does Copyright Come From?, Conference on *New York Times v. Tasini* and Beyond, Case Western Reserve University School of Law, Cleveland, OH, November 2002

The Fairness of File Sharing, Penn-Temple-Wharton IP Colloquium, The Wharton School, University of Pennsylvania, Philadelphia, PA, November 2002

The Fairness of File Sharing, Intellectual Property Scholars Conference (IPSC), Benjamin N. Cardozo School of Law, Yeshiva University, New York, New York, NY, August 2002

SELECTED OTHER INVITED PRESENTATIONS

Pitt Business Impact Conference on Artificial Intelligence 2025, University of Pittsburgh Katz Graduate School of Business, Pittsburgh, PA, April 11, 2025

Lectures on the Future of Law, Legal Education, Higher Education, and the Legal Profession, Gonzaga University School of Law, Spokane, WA, April 2024

Celebration of Dan Burk's Scholarly Contributions, University of California Irvine, Irvine, CA, February 2024

Governance Panel, CMU Secure Blockchain Summit, Pittsburgh, PA, May 2023

Creativities: Unpacking the Varieties of a Key Normative Ideal, University of Pittsburgh Humanities Center Faculty Seminar, Pittsburgh, PA, April-May 2019 [collaborator in week-long project led by Eitan Wilf, Hebrew University of Jerusalem, Anthropology]

Governing Knowledge Commons: A Short History and Update, IASC World Commons Week Webinar, October 2018

Teaching Leadership From the Bottom Up, Educating Tomorrow's Lawyers ... to Serve Tomorrow's Clients, 6th Annual Educating Tomorrow's Lawyers Conference, Denver, CO, October 2017

What is Law School For? Teaching Through a Paradigm Shift, the 2017 Vincent C. Immel Lecture on Teaching Law, St. Louis University School of Law, St. Louis, MO, April 2017

Digital Badging, Learning Outcomes for Hire, 5th Annual Educating Tomorrow's Lawyers Conference, Denver, CO, September 2016

Leading New Lawyers, Institute for Professional Leadership Symposium on Professional Leadership Education, University of Tennessee College of Law, Knoxville, TN, April 2016

Regulating Knowledge: Intellectual Property and the 21st Century University, Topics in Higher Ed / Future Professoriate Program, Syracuse University, Syracuse, NY, March 2015

Implementing Innovation in Law Schools, President's Program, Association of American Law Schools Annual Meeting, Washington, DC, January 2015

Thinking Outside the Book, Section on Intellectual Property, Association of American Law Schools Annual Meeting, Washington, DC, January 2015

The Innovation Practice Institute, Accelerating Competency: Assessment in Legal Education, 3rd Annual Educating Tomorrow's Lawyers Conference, Denver, CO, September 2014

Writing to Learn in Doctrinal Courses, Accelerating Competency: Assessment in Legal Education, 3rd Annual Educating Tomorrow's Lawyers Conference, Denver, CO, September 2014

Faculty member, 2013 Intellectual Property Academics Boot Camp, University of New Hampshire School of Law, Lake Squam, NH, June 2013

Classroom-Based Experiential Teaching: An Intellectual Property Illustration, McGill University, Faculty of Law, Montreal, Quebec, Canada, October 2012

The Future of Intellectual Property Scholarship, 31st Annual Congress of the International Association for the Advancement of Teaching and Research in Intellectual Property (ATRIP), Chicago, IL, August 2012

The Challenges of Contemporary Fair Use, Digital Media @ Pitt (DM@P) Lecture Series, University of Pittsburgh, Pittsburgh, PA, March 2012

Overcoming Legal and Organizational Barriers to Open Innovation, Accelerating R&D Excellence through Global Collaboration and Open Innovation, University of Pittsburgh Katz Graduate School of Business and Echo Strategies, University of Pittsburgh, Pittsburgh, PA, January 2012

Legal Aspects, The Future of Scientific Knowledge Discovery in Open Networked Environments, Board on Research Data and Information and Computer Science

and Telecommunications Board, National Academy of Sciences, Washington, DC, March 2011

The Future of Legal Scholarship, American University Washington College of Law, Washington, DC, January 2010

IP Pedagogy, 2009 IP Scholars Roundtable, Drake University Law School, Des Moines, IA, February 2009

Free and Open Source: Next Generation Issues, AALS Annual Meeting Section on Law and Computers, San Diego, CA, January 2009

Advice to Junior IP Scholars, 2009 IP Scholars Roundtable, Drake University Law School, Des Moines, IA, February 2008

Copyright in Context, University of Houston Law Center Institute for Information and Intellectual Property Law, Santa Fe, NM, June 2007 (Conference Fellow)

Teaching Students to Practice Intellectual Property, Plenary session, Workshop on Intellectual Property, Association of American Law Schools 2006 Mid-Year Meeting, Vancouver, British Columbia, Canada, June 2006

W(h)ither the Middleman: The Role and Future of Intermediaries in the Information Age, Michigan State University College of Law, East Lansing, MI, April 2005

Untold Stories: Creative Consequences of the Rights Clearance Culture, American University Washington College of Law, Washington, DC, November 2004

Consumers in the Digital Age: Perspectives on the Intersection between Law, Technological Innovation and Consumer Protection, University of California Hastings College of the Law, San Francisco, CA, February 2001

SELECTED PRESENTATIONS TO PROFESSIONAL ORGANIZATIONS

Contemporary Governance Problems in Knowledge, Information, Data, and Law, Other Internet Governance Learning Forum, August 2022

An Introduction to Intellectual Property Law, for Lawyers and Non-Lawyers Alike, University of Pittsburgh Katz School of Business Executive MBA in Healthcare, Pittsburgh, PA, November 2019

Is There Hope for Fair Use? Current Efforts to Clarify Copyright, Pittsburgh Intellectual Property Law Association, Pittsburgh, PA, October 2019

Artificial Intelligence and Legal Tech in Context: Governing Privacy and Security Commons, Artificial Intelligence and Legal Practice, Allegheny County Bar Association, Pittsburgh, PA, March 2018

Contrasts in Innovation: Pittsburgh Then and Now, Pittsburgh Intellectual Property Law Association, Pittsburgh, PA, November 2012

Pittsburgh: Past, Present and Future of an American City, Morgen/Tomorrow: International Urban Planning Congress Amsterdam, Amsterdam, The Netherlands, October 2009

The Legal Implications of Engaging Outsiders into Business Communities, Community 2.0 Conference, Las Vegas, NV, March 2007

Claim Construction: How Claim Construction is Determined in a Patent Case at a Trial Court Level, American Intellectual Property Law Association Annual Meeting (AIPLA) Annual Meeting, Washington, DC, October 2005

Symposium on Emerging Intellectual Property Issues, Southern Methodist University Dedman School of Law, Dallas, TX, March 2005

The State of the Software License, American Intellectual Property Law Association (AIPLA) Annual Meeting, Washington, DC, October 2003

Enforcement of Shrink-Wrap and Click-Wrap Agreements, The 17th Annual Intellectual Property Law Conference, American Bar Association Section of Intellectual Property Law, Washington DC, April 2002

**CONFERENCES AND
PROGRAMS ORGANIZED**

Governing Knowledge Commons (GKC) Convergence Conference (co-organizer), Villanova University Charles E. Widger School of Law, Villanova, PA, May 22-23, 2025

2025 Three Rivers Intellectual Property and Technology Law Colloquium, University of Pittsburgh School of Law, Pittsburgh, PA, January 2025 (co-sponsored by Duquesne University School of Law)

2023 Three Rivers Intellectual Property and Technology Law Colloquium, University of Pittsburgh School of Law, Pittsburgh, PA, January 2023 (co-sponsored by Duquesne University School of Law)

Law's Futures 3: New Institutions for Legal Education (virtual conference), October 2022 (with Daniel Rodriguez and Hiram Chodosh)

Technology and the Future of Capitalism Colloquium, Institute for Humane Studies at George Mason University and the Center for Governance and Markets at the University of Pittsburgh, June and July 2022 (with Ilia Murtazashvili)

2022 Three Rivers Intellectual Property and Technology Law Colloquium, University of Pittsburgh School of Law, Pittsburgh, PA, January 2022 (co-sponsored by Duquesne University School of Law)

The Future of Law in Technology and Governance (virtual seminar), Center for Governance and Markets, University of Pittsburgh Graduate School of Public and International Affairs, Pittsburgh, PA, Spring 2021-present

2020 Three Rivers Intellectual Property and Technology Law Colloquium, University of Pittsburgh School of Law, Pittsburgh, PA, January 2020 (co-sponsored by Duquesne University School of Law)

Law's Futures 2: New Institutions for Legal Education, Northwestern University Pritzker School of Law, Chicago, IL, September 2019 (with Daniel Rodriguez and Hiram Chodosh)

Law's Futures: New Institutions for Legal Education, Claremont McKenna College, Claremont, CA, September 2018 (with Daniel Rodriguez and Hiram Chodosh)

2018 Three Rivers Intellectual Property Law Colloquium, University of Pittsburgh School of Law, Pittsburgh, PA, January 2018 (co-sponsored by Duquesne University School of Law)

2016 Lastowka Cyberlaw Colloquium, University of Pittsburgh School of Law, Pittsburgh, PA, February 2016

Medical Commons and User Innovation Workshop, Engelberg Center for Innovation Law & Policy, New York University School of Law, New York, NY, May 2014 (with Katherine J. Strandburg and Brett M. Frischmann)

2012 Cyberlaw Colloquium, Berkman Center for Internet & Society, Harvard Law School, Cambridge, MA, May 2012 (with Jonathan Zittrain and Michael Carroll)

Convening Cultural Commons Workshop, Engelberg Center for Innovation Law & Policy, New York University School of Law, New York, NY, September 2011 (with Katherine J. Strandburg and Brett M. Frischmann)

Works in Progress Intellectual Property (WIPIP) Colloquium, University of Pittsburgh School of Law, Pittsburgh, PA, October 2006

Where IP Meets IP: Technology and the Law Symposium, University of Pittsburgh School of Law, Pittsburgh, PA, March 2005

**GRADUATED PHD
STUDENTS (COMMITTEE
MEMBER)**

Flavia Guerrieri, University of Amsterdam, 2023 (doctorate committee)

Vincent Kiplangat Mutai, University of Pittsburgh, School of Law, 2023 (SJD)

Insik Bang, University of Pittsburgh, Graduate School of Public and International Affairs, 2023

[Alexandre Mateus](#), Carnegie Mellon University, Department of Engineering & Public Policy (EPP), 2011

[Jonathan Miller](#), University of Pittsburgh, School of Information Sciences, 2009

**OTHER PROFESSIONAL
EMPLOYMENT**

Gray Cary Ware & Freidenrich (now part of [DLA Piper](#)), Palo Alto, CA, 1992-1996

Shartsis, Friese & Ginsburg (now known as [Shartsis Friese](#)), San Francisco, CA, 1987-1992

**SELECTED ACADEMIC AND
PROFESSIONAL AND
SERVICE**

Advisory Committees:

WINIR (World Interdisciplinary Network for Institutional Research) Scientific Advisory Committee, 2024-present

IASC (International Association for the Study of Commons) 2025 Program Committee

IASC 2021 Knowledge Commons Virtual Conference Steering Committee

3rd Thematic IASC Conference on Knowledge Commons Scientific Program Committee, 2016

Peer Review:

Referee and Reviewer, National Science Foundation; European Science Foundation; Yale University Press; Cambridge University Press; Oxford University Press; NYU Press, Edward Elgar Publishing; Research Foundation – Flanders, Belgium; *American Journal of Comparative Law*; *Artificial Intelligence and Law*; *Cambridge Journal of Economics*; *Internet Policy Review*; *International Journal of the Commons*; *Journal of Austrian Economics*; *Journal of Institutional Economics*; *The Information Society*; *Journal of Information Technology & Politics*; *Urban Planning*; *Jurimetrics*

University of Pittsburgh:

Chair, Data Governance Subcommittee of the Information Technology Advisory Committee (ITAC), 2021-present
Member, Year of Data and Society Steering Committee, 2021-2022
Member, Data Science Task Force, 2019-2021
Member, Intellectual Property Policy Committee, 2019-2020
Chair, Provost's Tenure Appeal Panel, 2017
Co-Chair, Research Data Management/Data Commons Committee and Research Data Management Committee Policy Working Group, 2016-2018
Member, Patent and Copyright Policy Review Committee, 2015-2017
Member, University Senate Tenure & Academic Freedom Committee subcommittee on social and electronic media, 2014-2015
Member, University of Pittsburgh Open Access Task Force, 2010-2012
Member, Provost's Advisory Council on Instructional Excellence, 2009-2012
Member, University of Pittsburgh University Research Council, 2003-2005
Chair, University of Pittsburgh Central Research Development Fund Small Grants Program (Social Sciences and Humanities Committee), 2005
Presenter, *Unsettled: Frames for Examining Generative Artificial Intelligence*, University Senate Spring Plenary Session, April 2023
Presenter, *Scholarly Publishing: Today and Tomorrow: What You Need to Know*, University Senate Spring Plenary Session, March 2009
Presenter, *Creating a Realistic Business Environment*, Today's Vision, Tomorrow's Realities: Commercializing Academic Innovation, University Senate Spring Plenary Session, March 2006

University of Pittsburgh School of Law:

Director, University of Pittsburgh Intellectual Property and Innovation Area of Concentration (inaugural Director), 2014-present
Director, University of Pittsburgh School of Law Certificate in Intellectual Property and Technology Law, 2002 (inaugural Director)-2005, 2013-2017; Acting Director, 2007-2008
Faculty Advisor, *University of Pittsburgh Law Review*, 2008-2018
Faculty Advisor, *University of Pittsburgh School of Law Journal of Technology Law & Policy*, 1999-2018

Faculty Advisor, University of Pittsburgh School of Law Giles Sutherland Rich Memorial Moot Court Team and Cardozo/BMI Entertainment and Communications Law Moot Court Team, 1998-2008, 2014-present
Faculty Advisor, University of Pittsburgh School of Law Student Intellectual Property Law Association, 1999-present; Sports and Entertainment Law Society, 2003-present
Faculty Advisor, Joint JD/MS Degree Program at the University of Pittsburgh School of Law and the Heinz College, formerly the H. John Heinz III School of Public Policy and Management, Carnegie Mellon University, 2008-present
Selected committee service: Chair, Curriculum Committee, 2021-2022; Chair, Task Force on Innovation in Legal Education, 2013-2014; Chair, Committee on Assessing Student Learning Outcomes, 2014-2015; Chair, Colloquium Committee, 2002-2003, 2007-2010; Chair, Petitions and Academic Standards Committee, 2003-2004; Chair, Library and Technology Committee, 2004-2005; Chair, Planning and Budget Committee, 2008-2010, 2016-2017; Co-Chair, Legal Education Initiatives Committee, 2009-2010; Chair, Writing Awards Committee, 2012-2013, 2018-2019; 2019-2020; Member, Faculty Appointments Committee, 2005-2007, 2013-2014; Member, Ad Hoc Committee on the Appointments Process, 2007-2008

Professional Memberships and Service:

Present:

[Association for Teaching and Research in Intellectual Property \(ATRIP\)](#)
[World Interdisciplinary Network on Institutional Research \(WINIR\)](#)

Previously:

American Intellectual Property Law Association (AIPLA)
American Bar Association Section of Intellectual Property Law
Pittsburgh Intellectual Property Law Association (PIPLA)

SELECTED VOLUNTEER SERVICE

[Partnership to Advance Responsible Technology \(PART\)](#)

Chair, Board of Directors, 2024-present (founding Board member, 2019-present)

Yale University

Board of Governors, Association of Yale Alumni (AYA) (now the Yale Alumni Association (YAA)), 2004-2014; Development Council, 2014-2017; University Council, 2010-2012; Board of Directors of the Yale Alumni Fund; 2010-2012; Board of Directors of Yale Alumni Publications, Inc., 2008-2010
Alumni Counselor, Yale University Presidential Search Committee, Fall 2012
Chair, Search Committee for the Executive Director of the Association of Yale Alumni, 2015-2016

Youth soccer coach

Mt. Lebanon (PA) Soccer Association, 1998-2003; Belmont (MA) Soccer Association, 1997-1998; Rockridge (Oakland, CA) Soccer Club, 1996

Scouting

Volunteer, Boy Scout Troop 284 (Mt. Lebanon, PA), 2002-2009

WEBSITES

[*Workshop on Governing Knowledge Commons*](#), Webmaster, 2013-present

[*Future Law Works*](#), Webmaster, 2018-present

[*Innovation Practice Institute*](#), [innovation-practice.net](#) [now defunct]. Webmaster, 2013-2018

[*The Law of IP Casebook*](#), [ipcasebook.com](#) [now defunct]. Webmaster, 2006-2018

Webmaster, AALS Section on Intellectual Property Law, 2007-2010

SOCIAL MEDIA

[*TaxProf Blog*](#), 2025-present

[*Everything in Between*](#), Substack, 2024-present

Twitter [X]: [@profmadison](#), 2011-present

Bluesky: [@michaelmadison.bsky.social](#), 2023-present

[*Madisonian.net*](#), a weblog and essays about law, society, and technology, Founder and editor, 2004-2024

[*Pitt Law Faculty Blog*](#), [pittlawfaculty.net](#) [now defunct], a weblog about the scholarly activities of the faculty of the University of Pittsburgh School of Law. Founder and editor, 2006-2011

[*IP and IT Conferences*](#), a calendar of academic conferences on intellectual property and information technology law and policy, [madisonian.net/conferences](#) [now defunct]. Founder and editor, 2006-2016

[*Pittsblog*](#), a weblog about economic development in Pittsburgh and Western Pennsylvania [concluded but still online]. Founder and editor, 2004-2014

[*Blog-Lebo*](#), a weblog about community events and local politics in Mt. Lebanon, PA, [bloglebo.blogspot.com](#) [now defunct]. Founder and editor, 2005-2009

Occasional guest blogger at *Concurring Opinions*, *The Faculty Lounge*, and *The Conglomerate*

PODCASTS

[*Your Leadership Podcast*](#) (with Katherine Edersheim)

Co-founder and co-host, 2025-present

[*The Future Law Podcast*](#) (with Dan Hunter, Dickson Poon School of Law, King's College, London, and Lisa Leong)

Co-founder and co-host, 2018-present

[*Oral Argument*](#) (hosted by Christian Turner and Joseph Scott Miller, University of Georgia School of Law)

Occasional guest and guest host, 2016-present

[*Penn State Dickinson Law Profiles in Leadership – Future Law*](#) (hosted by Daryl Lim, Penn State Dickinson School of Law)

Guest, 2023

[*Ipse Dixit*](#) (hosted by Brian Frye, University of Kentucky College of Law)

Guest #31, 2018; Guest #643, 2020

Just Wanna Quilt (hosted by Elizabeth Townsend Gard, Tulane University Law School)

Guest, 2018

Products of Pittsburgh (hosted by Mike Flock, Clinical and Translational Science Institute (CTSI), University of Pittsburgh)

Guest, 2019

BAR ADMISSIONS

State of California, 1987

Supreme Court of the United States, 1999

United States Court of Appeals for the Ninth Circuit, 1987

United States District Courts for the Northern, Eastern, and Central Districts of California, 1987