

Professional Experience

Boston University School of Law, Boston, MA

Professor of Law and Class of 1960 Scholar, 2024 – present

Technology, Policy, & Research Initiative Faculty Fellow, 2024 – present

Rafik B. Hariri Institute for Computing and Computational Science & Engineering Faculty Affiliate, 2025 - present

Visiting Associate Professor, Fall 2020

Courses taught: Intellectual Property, Civil Procedure, IP and the Life Sciences

Harvard Medical School, Program on Regulation, Therapeutics, and Law, Boston, MA

Visiting Assistant Professor, Summer 2024

Massachusetts Institute of Technology, Sloan School of Management, Cambridge, MA

Visitor, Spring 2020

Fordham Law School, New York, NY

Professor of Law, 2022 – 2024

Associate Professor of Law, 2016 – 2022

Harvard Law School, Cambridge, MA

Postdoctoral Fellow, Project on the Foundations of Private Law, 2014 – 2016

Covington & Burling, LLP, Washington, DC

Associate, 2012 – 2014 (patent litigation and prosecution)

Education

Harvard Law School, Cambridge, MA

Juris Doctor, *magna cum laude*, 2012

Cornell University, Ithaca, NY

Bachelor's degree, *summa cum laude*; Molecular & Cell Biology, 2009

Publications

Peer-Reviewed Journals

Is the Patent System Sensitive to Information Quality?, 108 REVIEW OF ECONOMICS AND STATISTICS 542 (2026), https://doi.org/10.1162/rest_a_01353 (with Soomi Kim)

Patents on AI-Derived Drugs: Empirical Evidence and Legal Challenges, NATURE BIOTECHNOLOGY (March 17, 2026), DOI: 10.1038/s41587-026-03039-x (with Arti Rai)

Silent Pauses in CDC Surveillance: Erosion of the Public Evidence Base for Health Policy, ANNALS OF INTERNAL MEDICINE (Jan. 26, 2026) DOI: 10.7326/ANNALS-25-04022 (with Jeremy Jacobs, Garrett Booth, and Noel Brewer)

Data Manipulation within the U.S. Federal Government, THE LANCET (June 3, 2025) DOI: 10.1016/S0140-6736(25)01249-8 (with Aaron Kesselheim)

What Patents on AI-Derived Drugs Reveal, SCIENCE, Vol. 388(6750):924-926 (May 29, 2025) DOI: 10.1126/science.adw1972 (with Arti Rai)

Disappearing Data at the Federal Government, NEW ENGLAND JOURNAL OF MEDICINE, Vol. 392, No. 24, p. e55 (2025) DOI: 10.1056/NEJMp2502567 (with Nicholson Price and Aaron Kesselheim)

Design Patents: A Potential Threat to Drug Competition, APPLIED HEALTH ECONOMICS AND HEALTH POLICY, Vol. 23, p. 531 (2025) (with Aaron Kesselheim)

Frequency and Nature of Generic “Design Around” of Brand-Name Patents in the US, CLINICAL PHARMACOLOGY & THERAPEUTICS, Vol. 118, No. 1, p. 190 (2025) (with Aaron Kesselheim)

The Patent Trial and Appeals Board: A Target for Prescription Drug Patent Reform?, JAMA, Vol. 322, p. 1237 (2024) (with Aaron Kesselheim)

Measuring Follow-on Innovation, 52 RESEARCH POLICY 104854 (2023) (with Sepehr Shahshahani)

- Reviewed by: Laura Pedraza-Fariña, *How Do Patents Influence Cumulative Innovation?*, JOTWELL (January 24, 2023)

Science Fiction: Fictitious Experiments in Patents, SCIENCE, Vol. 364, No. 6445, p. 1036 (June 2019), DOI: 10.1126/science.aax0748 (with Lisa Larrimore Ouellette)

Evaluating Nurses’ Injury Rates, 6 POLICY AND PRACTICE IN HEALTH AND SAFETY 83 (2009) (with Ellen Balka).

Law Reviews

Reinventing Patent Prosecution, __ TEXAS A&M LAW REVIEW __ (forthcoming 2027) (with Michael Meurer)

Uncorrected, __ BOSTON UNIVERSITY LAW REVIEW __ (forthcoming 2026) (with Nicholson Price)

Data as Policy, 66 BOSTON COLLEGE LAW REVIEW 2475 (2025) (with Nicholson Price)

Do Academic Researchers Care About Patent Infringement? A PCR Case Study, 63 HOUSTON LAW REVIEW 338 (2025) (invited symposium contribution)

Law as a Lamp Post, 110 IOWA LAW REVIEW 1647 (2025)

A New Approach to Patent Reform, 14 U.C. IRVINE LAW REVIEW 351 (2024) (with Michael Meurer, Mark Schankerman, and Florian Schuett)

Government Misinformation Platforms, 172 UNIVERSITY OF PENNSYLVANIA LAW REVIEW 1537 (2024)

- Reviewed by: Nicholson Price, *Trust, Trustworthiness, and Misinformation Shared by the Government*, JOTWELL (April 19, 2023)

Patents’ New Salience, 109 VIRGINIA LAW REVIEW 595 (2023)

Paths to Downstream Innovation, 55 U.C. DAVIS LAW REVIEW 2209 (2022)

Ignoring Information Quality, 89 FORDHAM LAW REVIEW 2114 (2021)

- Reviewed by: Jack Beerman, *Patent Fake News*, JOTWELL (February 22, 2021)

The Replicability Crisis in Patent Law, 95 INDIANA LAW JOURNAL 431 (2020)

Patent Shopping, 10 U.C. IRVINE LAW REVIEW 619 (2020)

Prophetic Patents, 53 U.C. DAVIS LAW REVIEW. 663 (2019)

Patent Clutter, 103 IOWA LAW REVIEW 925 (2018)

Towards Patent Standardization, 30 HARVARD JOURNAL OF LAW & TECHNOLOGY 233 (2017) (with Jay P. Kesan) (invited symposium contribution).

Pushing Patent Boundaries: An Empirical Assessment of How Patent Trolls and Other Litigants Use Patent Scope, Hoover Institute, Stanford University, Working Paper No. 15014 (2015).

The Uninformed Topography of Patent Scope, 19 STANFORD JOURNAL OF LAW AND TECHNOLOGY 150 (2015).

The Paradox of Legal Equivalents and Scientific Equivalence, 59 S.M.U. LAW REVIEW 66 (2013).

Patent Infringement in the Context of Follow-on-Biologics, 16 STANFORD JOURNAL OF LAW AND TECHNOLOGY 9 (2012).

A Nuisance Model for Patent Law, 2011 UNIVERSITY OF ILLINOIS JOURNAL OF LAW, TECHNOLOGY & POLICY 329 (2011).

Commentary and Shorter Works

Vulnerable Government Data, ADMINISTRATIVE & REGULATORY LAW NEWS (Fall 2025)

Counting, in 10 Tips for Legal Empiricists (eds. Jordana R. Goodman & Christa J. Laser), NW.J. TECH & IP (2025).

When authoritative sources hold onto bad data: A legal scholar explains the need for government databases to retract information, THE CONVERSATION (December 13, 2023)

Government websites are loaded with misinformation, and that's a big problem for AI, GOVERNMENT EXECUTIVE (August 28, 2023)

Patent system often stifles the innovation it was designed to encourage, THE CONVERSATION (March 16, 2021) (with Michael Meurer)

Awards & Grants

Dean's Distinguished Scholarship Award, 2021-22
Pilot Cloud Based Research Computing Project Award, 2017
Fordham Faculty Research Grant, 2017
Irving Oberman Memorial Award in Intellectual Property, 2012
H. Thomas Austern Writing Competition in Food and Drug Law, runner-up, 2012
Samsung-Stanford Prize on Patent Remedies, 2010

Selected Presentations

What Does History Do for Patent Law, Panelist for U.S. Patent Law in History, Harvard Center for History and Economics (April 2026)

The Patent System, Economics of Ideas, Science, and Innovation Online PhD course, Institute for Progress (April 2026)

Unethical Patents, Center for Law, Information, and Creativity, Northeastern Law School (March 2026)

Aggregating Patent Disclosures

- Workshop on Empirical Methods in Intellectual Property, Texas Law School (May 2026)
- Research and Innovation in the Biosciences, Washington University School of Law (May 2026)
- IP Workshop, BU Law School (March 2026)

The Future of Broad Drug Patents, Works-in-Progress IP Colloquium, BU Law School (February 2026)

Unexplained Pauses in CDC Data, Public Health on Call podcast, Johns Hopkins School of Public Health (February 2026)

Data as Policy

- IP Summer Camp Online Workshop Series @ Chicago-Kent (June 2025)
- Faculty Workshop, Boston University School of Law (May 2025)
- Intellectual Property Scholars Conference, Cardozo Law School (August 2023)

What Patents on AI-Derived Drugs Reveal

- New England Intellectual Property Works in Progress, Northeastern Law School (September 2025)
- Conference on Data Science and Law, Fordham Law School (August 2025)
- Health Law Professors Conference, Boston University School of Law (June 2025)

Do Academic Researchers Care About Patent Infringement? A PCR Case Study

- University of Houston Law Center's Institute for Intellectual Property & Information Law Symposium (June 2025)

The Law of Disclosure for Innovation, Regulation and Innovation in the Biosciences, University of Illinois Law School (April 2025)

Can AI Patent an Invention?, Marketplace Radio (March 2024)

Fictional, Fake, and Retracted Data in Biomedical Patents, Harvard Medical School, Program on Regulation, Therapeutics, and Law (March 2024)

Law as a Lamp Post

- Private Law Workshop, Harvard Law School (February 2025)
- Fordham Law School 10-10 Workshop (September 2023)
- Junior Intellectual Property Scholars Association, Fordham Law School (August 2023)

Patents are About to Get More Enforceable, Marketplace Radio (September 2023)

Does the Evidence Stack Up?, Intellectual Property Research Institute of Australia Podcast (June 2023)

Burden Shifting, Works-in-Progress in Intellectual Property, Suffolk Law School (February 2023)

Credibility of Science in Patents, Association for Interdisciplinary Metaresearch & Open Science, University of Melbourne (November 2022)

How do Drug Shortages Affect Innovation?

- Intellectual Property Workshop, BU Law School (April 2024)
- Workshop on Empirical Methods in Intellectual Property, Duke Law School (July 2023)
- Innovation in the Life Sciences Seminar, Michigan Law School (October 2022)

Government Misinformation Platforms

- Northwestern Law School Faculty Workshop (April 2024)
- Fordham Law School Faculty Workshop (November 2023)
- The Research Conference on Communications, Information and Internet Policy (September 2023)
- Free Expression Scholars Conference, Yale Law School (April 2023)
- Junior IP Scholars Association Conference, Berkeley Law School (August 2022)

The Patent System

- National Bureau of Economics Research, Economics of Ideas, Science, & Innovation (March 2024)
- Massachusetts Institute of Technology Sloan School of Management (October 2023)
- Massachusetts Institute of Technology Sloan School of Management (November 2021)

Measuring Follow-on Innovation

- Technology and Policy Research Initiative, BU Law School (December 2022)
- Tri-State IP Conference, NYU Law School, Online (January 2022)
- Regulation and Innovation in the Biosciences, Online (May 2021)
- Intellectual Property Scholars' Conference, Cardozo Law School, Online (August 2020)

Patents' New Salience

- Law and Technology Workshop, Online (November 2022)
- Iowa Intellectual Property Seminar, Iowa Law School (October 2022)
- Law, Legal Institutions, and Technological Change, University of Wisconsin Law School (April 2022)
- Intellectual Property Scholars' Conference, Cardozo Law School, Online (August 2021)
- Junior IP Scholars Association Conference, Online (July 2021)

- 28th Annual Intellectual Property Law and Policy Conference, Fordham IP Institute (April 2021)

Paths to Downstream Innovation

- Works-in-Progress in Intellectual Property, Online (February 2021)
- Notre Dame Patent Colloquium, Online (January 2021)
- Vanderbilt Patent Colloquium, Online (January 2021)
- MAST Conference, Fordham Law School, Online (July 2020)

Matching and Digging: Evidentiary Analysis at the Patent Office

- Ipse Dixit Podcast (September 2020)
- BU Faculty Workshop, BU Law School, Online (November 2020)
- Intellectual Property Scholars' Conference, Stanford Law School, Online (July 2020)
- JIPSA, Online (July 2020)

Academic Researchers & Patent Infringement

- Regulation and Innovation in the Biosciences Workshop, Online (April 2020)
- Fordham Law School 10-10 Faculty Workshop, Online (April 2020)

Is the Patent System Sensitive to Incorrect Information?

- Online Workshop on the Computational Analysis of Law (OWCAL), Online (November 2021)
- Technology & Policy Research Initiative, IP Days, BU Law School, Online (July 2021)
- National Bureau of Economics Research, Productivity Seminar (March 2021)
- Tri-State IP Conference, NYU Law School, Online (January 2021)
- Economics of Science and Engineering Seminar, Harvard Department of Economics and Harvard Business School, Online (September 2020)
- American Law and Economics Association Conference, Online (Fall 2020)
- NSF 2020 Future of IP Conference, Orlando, FL (February 2020)
- AALS New Voices in Intellectual Property, Washington, DC (January 2020)
- Technological Innovation, Entrepreneurship and Strategic Management Seminar, MIT Sloan School of Management, Cambridge, MA (December 2019)
- 4th Annual BioIP Faculty Workshop, Boston, MA (April 2019)
- Roundtable on Empirical Methods in Intellectual Property, USPTO, Washington, DC (April 2019)

The Replicability Crisis in Patent Law

- Fordham Law School Faculty Workshop, New York, NY (February 2019)
- Tri-State Intellectual Property Workshop, New York, NY (January 2019)
- Junior Faculty Forum in Law and STEM, Northwestern Law School, Chicago, IL (Sept 2018)
- Roundtable on Empirical Methods in Intellectual Property, Northwestern Law School, Chicago, IL (May 2018)
- Regulation and Innovation in the Biosciences Workshop, Washington University in St. Louis, St. Louis, MO (May 2018)

Prophetic Patents: The Problem of Fictional Data in Patents

- Project on the Foundations of Private Law Workshop, Harvard Law School, Cambridge, MA (February 2019)
- Harvard Business School Research Seminar, Cambridge, MA (October 2018)
- National Bureau of Economics Research Summer Institute, Cambridge, MA (July 2018)
- Fordham Intellectual Property Conference, New York, NY (April 2018)
- Boston University Intellectual Property Workshop, Boston, MA (March 2018)
- University of Pennsylvania Law School Center for Technology, Innovation and Competition Workshop, Philadelphia, PA (February 2018)
- Tri-State Intellectual Property Workshop, New York, NY (January 2018)
- Presentation to Connecticut Intellectual Property Law Association, New Haven, CT (October 2017)
- Fordham Law School Faculty Scholarship Retreat, New York, NY (May 2017)
- 2nd Annual BioIP Faculty Workshop, Chicago, IL (May 2017)
- 5th Annual Empirical Patent Law Conference, Duke Law School (April 2017)
- Fordham Law School 10-10 Faculty Workshop, New York, NY (February 2017)
- Intellectual Property Junior Scholars Workshop, Fordham Law School (November 2016)
- Roundtable on Empirical Methods in Intellectual Property, USPTO, Washington, DC (April 2016)

Patent Clutter

- 12th Annual Conference on Empirical Legal Studies, Ithaca, NY (October 2017)
- Fordham Law School Faculty Workshop, New York, NY (September 2017)
- George Washington Intellectual Property Workshop, Washington, DC (April 2017)
- St. John's Intellectual Property Workshop, Queens, NY (February 2017)
- Tri-State Intellectual Property Conference, New York, NY (January 2016)
- Intellectual Property Scholars Conference, Palo Alto, CA (August 2016) (selected for presentation at plenary session)
- Junior Scholars in IP Workshop, Lansing, MI (May 2016) (selected junior scholar)
- Becoming a Law Professor Workshop, Cambridge, MA (April 2016)
- US Patent Office, Office of the Chief Economist Visiting Speaker Series, Washington, DC (April 2016)

Pushing Patent Boundaries: An Empirical Assessment of How Patent Trolls and Other Litigants Use Patent Scope

- Fordham IP Conference (invited) (April 2016)
- National Bureau of Economic Research (NBER) Productivity Seminar, Cambridge, MA (February 2016)
- Hoover IP² Conference, Palo Alto, CA (January 2016)
- St. John's Law School Faculty Workshop, NY, NY (November 2015)
- Fordham Law School Faculty Workshop, NY, NY (November 2015)
- University of Western Ontario Faculty Workshop, London, ON (October 2015)
- Chicago-Kent Law School Faculty Workshop, Chicago, IL (September 2015)
- Intellectual Property Scholars Conference, Chicago, IL (August 2015)

Patent Shopping

- Works-in-Progress Intellectual Property Colloquium, Boston, MA (February 2017)
- Intellectual Property Workshop, Brigham Young University Law School (September 2016)
- Intellectual Property Colloquium, Hofstra Law School (August 2016)

- Junior IP Scholars Workshop, University of New Hampshire (June 2016)

Towards Patent Standardization, Private Law & IP Conference, Cambridge, MA (March 2016)

The Illusory Anticommons: Extraneous Language, Signaling, and Defensive Patenting

- PatCon 6, Newton, MA (April 2016)
- New England Regional Junior Faculty Scholarship Workshop, Boston, MA (February 2016)

An Empirical Assessment of Patent Scope Enforcement

- University of Toronto Faculty Workshop, Toronto, ON (July 2015)
- Third Annual Private Law Consortium, Montreal, QC (July 2015)

A Nuisance Model for Patent Law, Stanford-Samsung Conference on Patent Remedies, Palo Alto, CA (February 2011)

Other:

Discussant, Lauren Cohen et al, *Patent Hunters* and George Chondrakis et al, *Acquiring Patents in Secret: Disclosure Timing in Markets for Technology*, Technology & Policy Research Initiative IP Day, Boston University (July 2025)

Commentator, Lila Greenberg and Jane Bambauer, *The Demand for Bullshit and Its Improbable Legal Responses*, Freedom of Expression Scholars Conference, Yale Law School (April 2025)

Moderator, *Patent Litigation*, Technology & Policy Research Initiative IP Day, Boston University (July 2023)

Commentator, Christa Laser, *Path Dependence at the Federal Circuit*, Notre Dame Patent Colloquium (November 2020)

Participant, The Hamilton Project Roundtable, Brookings Institution, Washington DC (February 2020)

Moderator, *Rise of the Machines: Artificial Intelligence, Robotics, and the Reprogramming of Law*, New York, NY (February 2019)

Discussant, Robert Sprague, et al., *One Hundred Twenty Years of US Privacy Law Scholarship: A Latent Semantic Analysis*, On-line Workshop on the Computational Analysis of Law (February 2019)

Discussant, Kevin Bryan, Yasin Ozcan, & Bhaven Sampat, *Measuring the Economic Impact of Science with In-Text Patent Citations*, Tri-State Workshop on Intellectual Property, New York, NY (January 2019)

Moderator, North American Workshop on Private Law Theory, New York, NY (November 2017)

Service:

Boston University: IP, Entrepreneurship, and Cyberlaw Committee (2024-present); Committee on Continuation, Promotion, and Tenure (2024-present); Faculty Governance committee (2024); Faculty Mentor (2024-present).

Fordham: Faculty Appointments Committee, chair (2021-22), member (2016-17; 2023-24); University Provost's Biotechnology Advisory Board (2022-24); Coordinator, Intellectual Property Concentration (2018-2019, 2023-24); Retention, Tenure, and Promotion Committee (2023-present); Adjunct Committee (2023-present); Academic Working Group to Advise on Return to In-Person Operations, member (2021); Information Technology and Communications Committee, member (2016-17, 2017-18, 2018-19); Dean's Planning Council on Law and Information Technology (2017-18); Career Planning Committee, member (2017-18); Faculty Scholarship and Colloquia Committee, member (2017-18, 2018-19).

Conference organizer: Works-in-Progress in Intellectual Property, BU Law School, 2026; JIPSA conference, Fordham Law School, 2023; American Law and Economics Association Annual Conference (Harvard Law

School, May 2016); First Annual Private Law & IP Workshop and Conference (Harvard Law School, October 2015 & March 2016); International Society of New Institutional Economics (ISNIE) Conference (Harvard Law School, June 2015); 2nd North American Workshop on Private Law Theory (Harvard Law School, October 2014).

Peer reviewer: National Science Foundation; Review of Statistics and Economics; Journal of Law, Economics, and Organization; Edward Elgar Publishing; Research Policy; Artificial Intelligence.

Bar Admission

New York (2013)