

## **Professional Experience**

### **Fordham Law School**, New York, NY

*Associate Professor*, 2016 – Present

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

### **Boston University School of Law**, Boston, MA

*Visiting Associate Professor*, Fall 2020

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

*Research Affiliate*, 2018 – 2019, 2021 – Present

*Visitor*, Spring 2020

### **Covington & Burling, LLP**, Washington, DC

*Associate*, 2012 – 2014

## **Education**

### **Harvard Law School**, Cambridge, MA

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

### **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**

*Patents' New Salience*, 109 VIRGINIA L. REV. (forthcoming 2023)

*Paths to Downstream Innovation*, 55 UC DAVIS L. REV. (forthcoming 2022)

*Ignoring Information Quality*, 89 FORDHAM L. REV. 2114 (2021)

- Reviewed by: Jack Beerman, *Patent Fake News*, JOTWELL (February 22, 2021) (<https://adlaw.jotwell.com/patent-fake-news/>)
- Featured on Legal Theory Blog

*The Replicability Crisis in Patent Law*, 95 INDIANA L.J. 431 (2020)

- Selected for 2018 Law-STEM Junior Faculty Forum

*Patent Shopping*, 10 UC IRVINE L. REV. 619 (2020)

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

- Featured in *Slate*, *Discover Magazine*, *Science Translational Medicine*, *Cosmos Magazine*, and the *Written Description Blog*

*Prophetic Patents*, 53 UC DAVIS L. REV. 663 (2019)

- Cited in *Novartis Pharmaceuticals Corp. v. Accord Healthcare Inc.*, (D.Del. 2020)
- Featured in *Slate* and the *Written Description Blog*

*Patent Clutter*, 103 IOWA L. REV. 925 (2018)

*Towards Patent Standardization*, 30 HARV. J.L. & TECH. 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 STAN. TECH. L. REV. 150 (2015).

*The Paradox of Legal Equivalents and Scientific Equivalence*, 59 S.M.U. L. REV. 66 (2013).

*Patent Infringement in the Context of Follow-on-Biologics*, 16 STAN. TECH. L. REV. 9 (2012).

*A Nuisance Model for Patent Law*, 2011 U. ILL. J.L. TECH & POL'Y 329 (2011).

*Evaluating Nurses' Injury Rates*, 6 POL'Y AND PRACTICE IN HEALTH AND SAFETY 83 (2009) (with Ellen Balka).

## **Selected Works-in-Progress**

*Evaluating Patent Reform Instruments* (with Michael Meurer, Mark Schankerman, and Florian Schuett)

*Is the Patent System Sensitive to Information Quality?* (with Soomi Kim)

*Measuring Follow-On Innovation* (with Sepehr Shahshahani)

## **Other Writing**

*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**

### *The Patent System*

Massachusetts Institute of Technology Sloan School of Management (November 2021)

### *Measuring Follow-on Innovation*

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

### *Patents' New Salience*

Intellectual Property Scholars' Conference, Cardozo Law School, Online (August 2020)  
Junior IP Scholars Association Conference, Online (July 2021)  
28<sup>th</sup> 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 Economic 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)  
4<sup>th</sup> 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 Economic 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)  
2<sup>nd</sup> Annual BioIP Faculty Workshop, Chicago, IL (May 2017)  
5<sup>th</sup> 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*

12<sup>th</sup> 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 IP<sup>2</sup> 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:**

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**

Faculty Appointments Committee, chair (2021-22)  
Academic Working Group to Advise on Return to In-Person Operations, member (2021)  
Coordinator, Intellectual Property Concentration (2018-2019)  
Faculty Appointments Committee, member (2016-17)  
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)  
Organized American Law and Economics Association Annual Conference (Harvard Law School, May 2016)  
Organized First Annual Private Law & IP Workshop and Conference (Harvard Law School, October 2015 & March 2016)

Organized International Society of New Institutional Economics (ISNIE) Conference (Harvard Law School, June 2015)

Organized 2nd North American Workshop on Private Law Theory (Harvard Law School, October 2014)

Contributor, New Private Law Blog (<https://blogs.harvard.edu/nplblog>)

Peer reviewer: Edward Elgar Publishing, Research Policy

## **Bar Admission**

New York (2013)