

Samantha Zyontz

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CURRENT POSITION

2019 - Present Research Fellow, Intellectual Property with Mark Lemley and Lisa Larrimore Ouellette, Stanford Law School, Stanford University, Palo Alto, CA

EDUCATION

2019 Ph.D, Technological Innovation, Entrepreneurship, and Strategic Management, MIT Sloan School of Management

2016 S.M., Management Research, MIT Sloan School of Management

2006 M.S., Managerial Economics and Strategy, Kellogg School of Management, Northwestern University

2000 B.A., Economics, *Phi Beta Kappa*, College of William & Mary

PUBLICATIONS

“Patents at Issue: The Data Behind the Patent Troll Debate,” with J. Ashtor and M. Mazzeo, *George Mason Law Review*, 21 (2014) 957.

“Do NPEs Matter? Non-Practicing Entities and Patent Litigation Outcomes,” with M. Mazzeo and J. Ashtor, *Journal of Competition Law and Economics*, 9 (2013) 879.

“Explaining the ‘Unpredictable’: An Empirical Analysis of U.S. Patent Infringement Awards” with M. Mazzeo and J. Hillel, *International Review of Law and Economics*, 35 (2013) 58.

“Private Regulation of Consumer Arbitration,” with C.R. Drahozal, *Tennessee Law Review*, 79 (2012) 289.

“Patent Litigation and the Internet,” with J. Allison, E. Tiller, and T. Bligh, *Stanford Technology Law Review*, 3 (2012) 35.

“Creditor Claims in Arbitration and in Court,” with C.R. Drahozal, *Hastings Business Law Journal*, 7 (2011) 77.

“An Empirical Study of AAA Consumer Arbitrations,” with C.R. Drahozal, *The Ohio State Journal on Dispute Resolution*, 25 (2010) 843.

“Cy Pres Relief and the Pathologies of the Modern Class Action: A Normative and Empirical Analysis,” with M. Redish and P. Julian, *Florida Law Review*, 62 (2010) 617.

WORKING PAPERS

“Running with (CRISPR) Scissors: Tool Adoption and Team Assembly,” Job Market Paper (2019).

“Who Tries (and Who Succeeds) in Staying at the Forefront of Science: Evidence from the DNA-editing technology, CRISPR” with Neil Thompson (2017). Available at: <https://ssrn.com/abstract=3073227>

“Technological Breakthroughs, Entry, and the Direction of Scientific Progress: Evidence from CRISPR/Cas9,” MIT Master’s Thesis (2016). Available at: <http://hdl.handle.net/1721.1/105073>

“Categorization of Traded and Local Industries in the US Economy” with Mercedes Delgado and Richard Bryden (2014). Available at <http://www.clustermapping.us/>

PUBLISHED POLICY REPORTS

Searle Civil Justice Institute Task Force on Foreign Corrupt Practices Act Enforcement, “The Foreign Corrupt Practices Act: An Empirical Examination of Enforcement Trends,” Searle Civil Justice Institute, September 2012

State Consumer Protection Acts Task Force, “State Consumer Protection Acts and Costs to Consumers: The Impact of State Consumer Protection Acts on Automobile Insurance Premiums,” Searle Civil Justice Institute, September 2011

State Consumer Protection Acts Task Force, “State Consumer Protection Acts: An Empirical Investigation of Private Litigation,” Searle Civil Justice Institute, December 2009

Consumer Arbitration Task Force, “Consumer Arbitration Before the American Arbitration Association: Preliminary Report,” Searle Civil Justice Institute, March 2009

CONFERENCE PRESENTATIONS

“Running with (CRISPR) Scissors: Tool Adoption and Team Assembly”

- Twelfth Annual Searle Center/USPTO Conference on Innovation Economics, Northwestern University School of Law, Chicago, IL, June 2019
- Munich Summer Institute, Munich, Germany, June 2019
- NBER Productivity Seminar, Cambridge, MA, November 2018
- Kauffman Dissertation Prize Finalist, Roundtable for Engineering Entrepreneurship Research (REER), Scheller College of Business, Georgia Institute of Technology, Atlanta, GA, November 2018
- TIES Seminar, MIT Sloan School of Management, Cambridge, MA, October 2018

“Making the Cut: The Rate and Direction of CRISPR Innovation”

- Measuring the Direction of Innovation Practice Development Workshop, Academy of Management Annual Meeting, Chicago, IL, August 2018
- Consortium on Competitiveness and Cooperation (CCC), 25th Annual Conference for Doctoral Student Research, Berkeley, CA, March 2018

“Technological Breakthroughs and Direction of Scientific Progress: Evidence from CRISPR/Cas9”

- Direction of Innovation and Science Practice Development Workshop, Academy of Management Annual Meeting, Atlanta, GA, August 2017

“Who Tries (and Who Succeeds) in Staying at the Forefront of Science: Evidence from the DNA-editing technology, CRISPR”

- Academy of Management Annual Meeting, Chicago, IL August 2018
- Wharton Technology and Innovation Conference, Philadelphia, PA, April 2018
- Addgene Speaker Series, Cambridge, MA, December 2017
- NBER Productivity Seminar, Cambridge, MA, November 2017
- Tenth Annual Searle Center/USPTO Conference on Innovation Economics, Northwestern University School of Law, Chicago, IL, June 2017

“Keeping Science Fresh with CRISPR: Technological Breakthroughs, Entry, and the Direction of Scientific Progress”

- Industry Studies Conference, Industry Studies Association, Minneapolis, MN, May 2016
- MIT Innovation Initiative LABi Lunch, Cambridge, MA, January 2016

“IP in Pharmaceuticals and Biomedical Sciences”

- Research Handbook – Economics of Intellectual Property Rights – Volume II Empirical Studies Conference, Northwestern University School of Law, August 2015

“Do NPEs Matter? Non-Practicing Entities and Patent Litigation Outcomes”

- PatCon3: The Annual Patent Conference, IIT Chicago-Kent College of Law, April 2013

“The U.S. Cluster Mapping Project”

- Global Entrepreneurship: The Latest Research on Business Creation, International Council for Small Business and Center for Entrepreneurial Excellence, George Washington University, October 2012
- C2ER Annual Conference, The Council for Community and Economic Research, Oklahoma City, OK, June 2012
- Innovative Data Sources for Regional Economic Analysis, George Washington University, May 2012

“Innovation and the Patent System: The Role of Patent Infringement Awards”

- Intellectual Property Scholars Conference, DePaul University College of Law, August 2011

STATA: Basic Tutorial Session

- Workshop on Empirical and Experimental Methods for Law Professors, Henry G. Manne Program in Law and Economics, Law and Economics Center, George Mason University School of Law, May 2011

“Are Patent Infringement Awards Excessive?: The Data Behind the Patent Reform Debate”

- MIT Summer Entrepreneurship and Innovation Research Lab, MIT Sloan School of Management, June 2012
- Robert A. Levy Fellows Workshop in Law & Liberty, George Mason University School of Law, April 2011
- The Patent Conference, University of Kansas School of Law, April 2011
- The Inaugural Samsung-Stanford Conference on Patent Remedies, Stanford Law School, February 2011

“Litigation of Internet Business Method Patents: An Empirical Analysis,” with John Allison, Tristan Bligh, and Emerson Tiller

- Research Roundtable on the Empirical Studies of Patent Litigation, Searle Center on Law, Regulation and Economic Growth at Northwestern University Law, November 2009

“Creditor Claims in Arbitration and in Court,” with Christopher R. Drahozal

- Ninth Annual Meeting of the Midwestern Law and Economics Association, Notre Dame School of Law, October 2009

INVITED WORKSHOP PARTICIPANT

Roundtable on Empirical Methods in Intellectual Property, USPTO, Alexandria, VA, April 2019

TIM Doctoral Consortium, Academy of Management Annual Meeting, Chicago, IL, August 2018

Discussant, Sixth Annual Searle Center Research Roundtable on SSOs and Patents, Searle Center on Law, Regulation and Economic Growth at Northwestern University Law Chicago, IL, May 2018

NBER Entrepreneurship Bootcamp, Cambridge, MA, July 2016

Summer Institute in Patent Law, The Center for the Protection of Intellectual Property, Snoqualmie, WA, August 2016 and Beaver Creek, CO, July 2015

Innovation, Entrepreneurship, and Networks: Freedom and Individuals, Liberty Fund, Jekyll Island, GA, January 2016

Third Annual Searle Center Research Roundtable on Innovation Economics: Patent and Technology Standard Data Sets Searle Center on Law, Regulation and Economic Growth at Northwestern University Law, Chicago, IL, April 2015

Workshop on Personalized Medicine and Intellectual Property, Boston University School of Law, Boston, MA, August 2014

Research Symposium on Patent Rights & Remedies, The Center for the Protection of Intellectual Property, Arlington, VA, June 2014

Research Roundtable on Software and Business Method Patents, Searle Center on Law, Regulation and Economic Growth at Northwestern University Law, Chicago, IL, April 2014

Patented Inventions and Promoting Innovation Roundtable, The Center for the Protection of Intellectual Property, Half Moon Bay, CA, April 2013

Second Annual Research Roundtable: Empirical Studies of Patent Litigation, Searle Center on Law, Regulation and Economic Growth at Northwestern University Law, Chicago, IL, November 2010

DePaul Intellectual Property Working Papers Forum, DePaul University College of Law, Chicago, IL, January 2009

TEACHING ASSISTANT EXPERIENCE

2016, 2017, 2018	<i>Entrepreneurial Strategy</i> (EMBA) for Scott Stern
2016, 2017	<i>Innovation Driven Advantage</i> (Sloan Fellows) for Pierre Azoulay
2017	<i>NBER Entrepreneurship Bootcamp</i> , Cambridge, MA
2016	<i>Organizational Processes</i> (EMBA) for Roberto Fernandez
2016	<i>Introduction to X-Lab</i> (MBA) for Don Sull and Neil Thompson
2015	<i>Competitive Strategy</i> (MBA) for Don Sull and Neil Thompson

CASE WRITING

“iheartjane,” with Scott Stern, MIT Sloan Business Case for Entrepreneurial Strategy, May 2018

“Choosing an External Innovation Portfolio: Putting CRISPR/Cas9 to Work,” with Scott Stern, MIT Sloan Case Exercise, July 2015

PROFESSIONAL AND DEPARTMENTAL SERVICE

<i>Ad-hoc</i> Referee	<i>Organization Science, Nature Nanotechnology, Industry and Innovation, Journal of Planning Literature</i>
2018	Accepted PDW for Academy of Management Annual Meeting: “The Right Tool for the Task? Using Different Methodological Approaches to Understand Open Innovation” (with Rebecca Karp)
2018 – Present	Reviewer, Academy of Management
2014 – 2015	Organizer, TIES Student Reading Group (MIT Sloan)

HONORS AND AWARDS

2018	Kauffman Dissertation Prize Finalist, REER, Georgia Institute of Technology
2013 – Present	Zenon S. Zannetos Memorial Scholarship, MIT Sloan Ph.D. Fellowship
2013	Best Law Review Article in Intellectual Property 2013, as selected by Thompson Reuters (West): “Patent Litigation and the Internet,” with J. Allison, T. Bligh, and E. Tiller (republished in the Intellectual Property Law Review, 2013)
2010	Winner, Inaugural Samsung-Stanford Patent Prize Competition: “Are Patent Infringement Awards Excessive?: The Data Behind the Patent Reform Debate” with Michael Mazzeo and Jonathan Hillel

2005 – 2006	Kellogg School of Management Scholarship
2004	PricewaterhouseCoopers National Chairman’s Award: team recognized for excellence in administering the September 11 th Victim Compensation Fund
2000	<i>Phi Beta Kappa</i> , Alpha Chapter of Virginia, College of William & Mary
2000	<i>summa cum laude</i> , College of William & Mary
1999 – 2000	The College of William & Mary, Undergraduate/Summer Research Grants

NOTABLE CITATIONS

Cited by U.S. Supreme Court Chief Justice Roberts on petition for a writ of certiorari in *Marek v. Lane* (November 4, 2013) for “Cy Pres Relief and the Pathologies of the Modern Class Action: A Normative and Empirical Analysis,” with M. Redish and P. Julian, *Florida Law Review*, July 2010

Cited by the Federal Trade Commission report on “Patent Assertion Entity Activity” (October 2016) for “Do NPEs Matter? Non-Practicing Entities and Patent Litigation Outcomes,” with M. Mazzeo and J. Ashtor, *Journal of Competition Law and Economics*, 2013 and “Patents at Issue: The Data Behind the Patent Troll Debate,” with J. Ashtor and M. Mazzeo, *George Mason Law Review*, 2014

Cited by the Executive Office of the President report on “Patent Assertion and U.S. Innovation” (June 2013) for “Patent Litigation and the Internet,” with J. Allison, T. Bligh, and E. Tiller, *Stanford Technology Law Journal*, February 2012

EMPLOYMENT

2012 – 2013	Research Manager for Professor Michael Porter, Institute for Strategy and Competitiveness, Harvard Business School, Harvard University, Boston, MA
2010 – 2012	Senior Research Associate, Searle Civil Justice Institute, Law & Economics Center, George Mason University School of Law, Arlington, VA
2008 – 2010	Research Associate, Searle Civil Justice Institute, Northwestern University School of Law, Chicago, IL
2007 – 2008	Managing Consultant, Intellectual Property, Navigant Consulting Inc., Chicago, IL
2002 – 2005	Senior Associate, Intellectual Property, PricewaterhouseCoopers LLP, Washington, DC
2000 – 2002	Associate, Intellectual Property, PricewaterhouseCoopers LLP, Washington, DC