

**LAURA G. PEDRAZA-FARIÑA**

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**ACADEMIC APPOINTMENTS**

**NORTHWESTERN UNIVERSITY PRITZKER SCHOOL OF LAW**

Associate Professor of Law, 2017-present

Assistant Professor of Law, 2013-2017

Courses Taught: *Patent law, Innovation Theory and Patent Law* (Seminar), *Patent Law* (Master of Science in Law Program), *Intellectual Property Survey, Intellectual Property Fundamentals* (Master of Science in Law Program).

**GEORGETOWN UNIVERSITY LAW CENTER**

Visiting Lecturer, spring 2013

Law Research Fellow, 2011-2013

Courses Taught: *Property*

**EDUCATION**

**HARVARD LAW SCHOOL**, Juris Doctor, *cum laude*, 2009

Activities: *Harvard International Law Journal*, Managing Editor

Board of Student Advisers (BSA)

Honors: Chayes International Public Service Scholar, summer 2007

**YALE UNIVERSITY**, Ph.D. in Genetics, 2005

Thesis: *Oncogenic Cooperation in Src-mediated Tumor Initiation and Metastasis*

Advisor: Dr. Tian Xu

Activities: Teaching Assistant: Medical Genetics and The Biological Roots of Human Nature  
*The Yale Journal of Biology and Medicine*, Editor-in-Chief and Executive Editor  
Graduate Employees and Students Organization (GESO), Coordinator and Organizer

**OBERLIN COLLEGE**, B.A. *with honors* in Chemistry; minor in Romance Languages (French), 1997

Thesis: *The Synthesis and Vibrational Spectroscopy of the Isomers of 1,4-Difluorobutadiene*

Honors: 1997 Lubrizol Undergraduate Research Award in recognition of an outstanding scientific paper

Elected to membership in Sigma Xi (scientific honors society)

1996 Miller Scholarship (merit scholarship awarded to a worthy junior majoring in Chemistry)

Activities: La Unión de Estudiantes Latinos, Organizational Liaison

Study Abroad: Université des Sciences Humaines, Strasbourg, France, spring 1996

**PUBLICATIONS**

[\*A Network Theory of Patentability\*](#), 87 UNIVERSITY OF CHICAGO LAW REVIEW (*forthcoming*) (with Ryan Whalen).

[\*Anti-Innovation Norms\*](#), 112 NORTHWESTERN UNIVERSITY LAW REVIEW 1069 (2018) (with Stephanie Plamondon Bair).

- Reviewed by Christopher J. Buccafusco, [\*When Social Norms for Innovation Don't Maximize Social Welfare\*](#), JOTWELL (April 30, 2018).
- Reviewed by Dotan Oliar, [\*IP Norms' Dark Side\*](#), JOTWELL (June 26, 2018).

[\*The Social Origins of Innovation Failures\*](#), 70 SMU LAW REVIEW 377 (2017).

- Selected for Plenary Presentation at Works-in-Progress in Intellectual Property, February 2016.

- Selected for presentation at the 8<sup>th</sup> Annual Junior Scholars in Intellectual Property (JSIP) Workshop (peer-reviewed).

[\*Spill Your \(Trade\) Secrets: Knowledge Networks as Innovation Drivers\*](#), 92 NOTRE DAME LAW REVIEW 1561 (2017). (symposium issue)

[\*Constructing Interdisciplinary Collaboration: The Oncofertility Consortium as an Emerging Knowledge Commons\*](#), in GOVERNING MEDICAL RESEARCH COMMONS (Brett Frischmann, Michael Madison, Katherine Strandburg, eds., 2017, Cambridge University Press).

[\*Understanding the Federal Circuit: A Model of Expert Decision-Making\*](#), 30 BERKELEY TECHNOLOGY LAW JOURNAL 89 (2015).

- Selected for presentation at the 7<sup>th</sup> Annual Junior Scholars in Intellectual Property (JSIP) Workshop (peer-reviewed).

[\*Patent Law and the Sociology of Innovation\*](#), 2013 WISCONSIN LAW REVIEW 813 (2013).

[\*Conceptions of Civil Society in International Law-making and Implementation: A Theoretical Framework\*](#), 34 MICHIGAN JOURNAL OF INTERNATIONAL LAW 605 (2013).

- Highly recommended in Legal Theory Blog.

[\*No Place to Hide: Gang, State, and Clandestine Violence in El Salvador\*](#) (Harvard University Press 2010) (first author, with Spring Miller and James Cavallaro).

[\*HIV/AIDS Policy in Nicaragua: A Civil Society Perspective\*](#) (Open Society Foundations 2008) (co-author with Miguel Orozco) (policy report).

## WORKS-IN-PROGRESS

*Essential Medicines and Culture Clash: How Competition between the WTO and WHO Shaped Global IP Regimes* (draft available upon request).

*A Network Theory of Patentability* (with Ryan Whalen) (draft available upon request).

*The Case for Adjusting Ex-Post Patent Strength to Innovation Diffusion* (manuscript in preparation).

## SCIENTIFIC PUBLICATIONS

Norman C. Craig, et al., *High-resolution infrared spectra of the two nonpolar isomers of 1,4-difluorobutadiene*, 254 JOURNAL OF MOLECULAR SPECTROSCOPY 39 (2009)

Laura G. Pedraza-Fariña, *Oncogenic cooperation in tumor initiation and metastasis*, 79 YALE JOURNAL OF BIOLOGY & MEDICINE 95 (2006) (review article)

Laura G. Pedraza, et al. *Drosophila Src-family kinases function with Csk to regulate cell proliferation and apoptosis*, 23 ONCOGENE 4754 (2004)

Christopher J. Potter, et al., *The tuberous sclerosis complex (TSC) pathway and mechanism of size control*, 31 BIOCHEMICAL SOCIETY TRANSACTIONS 584 (2003) (review article)

Christopher J. Potter, Laura G. Pedraza & Tian Xu, *Akt regulates growth by directly phosphorylating Tsc2*, 4 NATURE CELL BIOLOGY 658 (2002)

Norman C. Craig, et al., *Vibrational spectroscopy of the three isomers of 1,4-difluorobutadiene*, 103 JOURNAL OF PHYSICAL CHEMISTRY A 6726 (1999)

## RESEARCH AND TEACHING INTERESTS

**PRIMARY:** Intellectual Property, Patents, Law and Science, International Intellectual Property, Sociology of Expertise, Sociology of Innovation

**SECONDARY:** International Organizations, International Trade, Human Rights, Law and Development

## CONFERENCES, PRESENTATIONS & MEDIA APPEARANCES

### *A Network Theory of Patentability*

- Stanford Law School Faculty Workshop, November 7, 2018.
- DePaul Law School Faculty Workshop, October 23, 2018.
- Intellectual Property Scholars Conference, UC Berkeley Law School, August 2018.
- Regulation and Innovation in the Biosciences (RIBS) Conference, Washington University, April 2018.
- Peking University School of Transnational Law Speaker Series, March 2018.
- University of Hong Kong Law & Technology Speaker Series, March 2018.

### *Essential Medicines and Culture Clash: How Competition between the WTO and WHO Shaped Global IP Regimes*

- Buffet Institute for Global Studies, Northwestern University, October 2, 2015.
- Buffet Institute for Global Studies, Northwestern University Colloquium, “Global Order: Same As It Ever Was,?” June 2, 2017.
- NYU Law Colloquium, “IP and Inequality,” February 22, 2018.
- Osiris Journal Working Group, June 2018.

### *Anti-Innovation Norms* (with Stephanie Bair)

- AALS IP 2017 Panel, “IP and Community Values,” January 6, 2017.
- Intellectual Property Scholars Conference, Cardozo Law School, August 2017.
- University of New Hampshire School of Law, 7<sup>th</sup> Annual IP Scholars Roundtable, October 2017.
- Northwestern Pritzker School of Law, Faculty Salon, December 12, 2017.
- PatCon 8, The Annual Patent Conference, University of San Diego School of Law, March 2018.

### *Spill Your (Trade) Secrets: Knowledge Networks as Innovation Drivers:*

- Notre Dame Law Review Symposium: Negotiating IP’s Boundaries in an Evolving World, Notre Dame Law School, November 11, 2016.
- Junior Intellectual Property Scholars Association (JIPSA), Ohio State University School of Law, January 2017.
- Northwestern Pritzker School of Law, Faculty Colloquium, February 20, 2017.
- PatCon 7, The Annual Patent Conference, Northwestern Pritzker School of Law, March 2017.
- BYU Law & Entrepreneurship Colloquium, Brigham Young University Law School, April 10, 2017.

*CRISPR Technology and Innovation Clusters, Bridges II: The Law-STEM Alliance & Next Generation Innovation*, Northwestern Pritzker School of Law, October 28, 2016.

### *The Social Origins of Innovation Failures:*

- Northwestern University Science in Human Culture Faculty Colloquium, February 2015 (presentation title: “Scaffolding Innovation: Constructing Collaboration Across Knowledge Domains”)
- Intellectual Property Scholars Conference (IPSC), August 2015 (presentation title: “Scaffolding Innovation: Constructing Collaboration Across Knowledge Domains”)
- Works-in-Progress in Intellectual Property (WIPIP), February 2016 (plenary presentation)
- Notre Dame Law School Faculty Colloquium, March 2016
- Marquette University Law School, IP Colloquium, March 2016

- University of Illinois College of Law, IP Colloquium, April 2016
- University of Oklahoma School of Law, Junior Scholars Roundtable, July 2016
- George Washington University School of Law, IP Colloquium, October 2016
- Junior Intellectual Property Scholars Association (JIPSA), Florida International University Law School, January 29, 2016.

The Psychology and Sociology of Creativity and IP, Stanford Law School, September 9-10, 2016

- Discussion Leader, Session 1: Why do people create?

PatDam, Conference on Patent Damages, University of Texas School of Law, June 9-10, 2016

- Moderator, Paper Session 3: Damages, Enhanced Damages, and Social Value

Patent Litigation and the Courts, Federal Circuit Bar Association, April 28, 2016

- Panelist, Hot Topics in Patent Law

Inventing the New: Innovation in Creative Enterprises, Lambert Family Conference, Northwestern University, April 8-9, 2016

- Chair and Discussant, Panel III: Communities of Innovation

*Innovation, IP and the Future of Knowledge Commons*

- Invited Speaker, University of Pittsburgh School of Law 20th Anniversary of the Center for International Legal Education, September 2015

Bridges Not Barriers: The Law-STEM Alliance as a Catalyst for Innovation, Northwestern Pritzker School of Law, June 17, 2015

- Conference Organizer and Session Moderator: Biotechnology and Medicine

Third Annual Searle Center Research Roundtable on Patents and Technology Standards: The Data Sets, Northwestern Pritzker School of Law, April 9-10, 2015

- Discussant, Kyriakos Drivas & Claire Economidou, *Mobility of Knowledge and Local Innovation Activity*

*Understanding the Federal Circuit: An Expert Community Approach*

- Intellectual Property Scholars Conference, Berkeley Law School, August 2014
- Faculty Workshop, Northwestern University School of Law, April 2014
- American Bar Foundation, Faculty Workshop, April 2014
- DePaul University College of Law, Edward D. Manzo Scholars in Patent Law, April 2014
- PatCon4, April 2014
- 2014 Intellectual Property Scholars Roundtable, Drake University Law School, March 2014
- Works-in-Progress in Intellectual Property, Santa Clara Law School, February 2014

*Engineering Collaboration: The National Institutes of Health's Interdisciplinary Research Program Consortia as a Constructed Knowledge Commons*, Workshop on Medical Innovation, NYU Workshop on Medical User Innovation and Medical Commons, May 2014

*Innovation in Software Patents: A Sociological Perspective*, Searle Center Roundtable on Software and Business Method Patents, April 2014

Panelist, Gene Patenting, Northwestern Law IP Symposium, Northwestern Law School, February 2014

Contributor, American Society of International Law (ASIL) Cables, *The Proliferation of Regional Trade Agreements: (Re)Shaping the Trade Landscape with Multilateralism on Pause*, ASIL Meeting, Washington, D.C., April 2013

Moderator, Conference and Workshop on Intellectual Property and Human Rights, American University Washington College of Law, February 2013

*Patent Law and the Sociology of Innovation*

- Drexel University School of Law, Faculty Workshop, October 2012
- University of Cincinnati College of Law, Faculty Workshop, October 2012
- SUNY Buffalo Law School, Faculty Workshop, November 2012
- Ohio State University College of Law, Faculty Workshop, November 2012
- Fordham Law School, Faculty Workshop, November 2012
- University of Notre Dame Law School, Faculty Workshop, November 2012
- University of Maryland School of Law, Faculty Workshop, November 2012
- University of Virginia School of Law, Faculty Workshop, December 2012
- The Wharton School, University of Pennsylvania, Legal Studies and Business Ethics Department, Faculty Workshop, January 2012
- University of Colorado School of Law, Faculty Workshop, January 2012
- Northwestern University Law School, Faculty Workshop, January 2012

Video Interview, Associated Press, April 12, 2013 (“High Court to Decide if Genes Can Be Patented”)

Interview, Yahoo News, June 13, 2013 (“Supreme Court reaches compromise on breast cancer gene patent”)

Interview, Voice of Russia, June 17 2013 (“DNA ruling ‘meant to protect basic building blocks’ of life, expert says”)

### **RESEARCH GRANTS AND BOARD MEMBERSHIPS**

Northwestern University, Buffett Institute’s “Big Ideas” faculty funding initiative grant: “Biomedicine and Traditional Medicine Across Cultures.” (co-recipients: Jeannette Colyvas, Carol Heimer, Ian Hurd, Helen Tilley, Rebecca Seligman)

IO/IL Advisory Board, Buffet Institute Working Group on International Organizations, Northwestern University.

Affiliated Faculty, Science in Human Culture Program, Northwestern University.

### **STUDENT SUPERVISION**

Thomas Rouse, Ph.D. Thesis Committee Member, Media, Technology & Society Graduate Program, Northwestern University.

James Patrick Dunlea, Independent Study, *Value, Possession, and Ownership*, Spring 2017.

Ryan Seamus McGrath Whalen, *Knowledge Recombination, Diffusion, and Research Team Composition: Understanding 21<sup>st</sup> Century Innovation*, Thesis Committee Member, Media, Technology & Society Graduate Program, Northwestern University.

Dylan Turner, *In Cyclobenzaprine, an Objective Failure to Reach a Long-Felt Need in Secondary Considerations Jurisprudence*, Independent Study, spring 2015, Northwestern Pritzker School of Law.

Joshua Parish, *Medical Tourism and Malpractice Litigation: Addressing the Climate of Postoperative Complications*, Undergraduate Thesis, 2014, Northwestern University College of Arts and Sciences.

### **OTHER PROFESSIONAL EXPERIENCE**

COVINGTON & BURLING LLP, Washington, D.C.

*Associate*, September 2009 – August 2011

*Summer Associate*, Summer 2008

- Represented pharmaceutical companies in Hatch-Waxman patent litigation.
- *Pro bono*: Represented Honduras national in asylum case.

**OPEN SOCIETY INSTITUTE, PUBLIC HEALTH WATCH DIVISION (PHW)**, New York, NY

*Consultant*, June 2005-January 2008. PHW monitors implementation of international health care commitments.

- Researched and co-authored a monitoring report on Nicaragua's HIV/AIDS policies (in Spanish and English).

**CENTER FOR JUSTICE AND INTERNATIONAL LAW (CEJIL)**, Washington, D.C.

*Legal Intern*, Summer 2007

- Co-wrote brief on behalf of Guantánamo Detainees for Inter-American Commission on Human Rights.

**YALE UNIVERSITY**, New Haven, C.T.

*Post-doctoral Fellow*, Laboratory of Dr. Tian Xu, October 2005 - August 2006

**COLUMBIA UNIVERSITY**, New York, N.Y.

*Research Assistant*, Laboratory of Dr. David I. Hirsh, August 1997- August 1999

### **BAR ADMISSIONS**

New York, District of Columbia.

### **LANGUAGES**

Spanish (native); French (fluent).