

DANIEL L. CHEN

Toulouse School of Economics • Institute for Advanced Study • 21 allée de Brienne • 31015 Toulouse cedex 6 France • (773) 562-5670 • dlchen@nber.org • [Github](#) • [SSRN](#) • [goo.gl/wEGpNJ](http://www.nber.org/~dlchen) • <http://www.nber.org/~dlchen> • [@Daniel_L_Chen](#)

ACADEMIC POSITIONS

Toulouse School of Economics and Université Toulouse Faculty of Law
Directeur de Recherche, Centre National de la Recherche Scientifique (CNRS), 2018–
Professor, 2017–
Institute for Advanced Study, 2015–
World Bank
Lead Principal Investigator, DE JURE (Data and Evidence for Justice Reform), 2019–
Principal Investigator, 2018–
oTree Open Source Research Foundation
Founder and Director, 2018–
Data Science Justice Collaboratory
Project Advisor, NYU Courant Institute of Mathematical Sciences Center for Data Science, 2015–
ETH Zurich (Swiss Federal Institute of Technology)
Chair of Law and Economics (with tenure), 2012–2015
Duke University
Assistant Professor of Law (primary), Economics, and Public Policy, 2010–2012

EDUCATION

Harvard Law School
J.D., 2006–2009
Massachusetts Institute of Technology
Ph.D., Economics, 2000–2004, Committee: Esther Duflo (primary), Joshua Angrist, Abhijit Banerjee
Harvard University
S.M. in Applied Mathematics/Economics, 1998–1999, Advisor: Michael Kremer
A.B. in Applied Mathematics/Economics, summa cum laude, Phi Beta Kappa, 1995–1999
Montgomery Blair High School
Science, Mathematics, Computer Science Magnet, 1995

GRANTS

PI: Google Inclusion, 2021
“Predicting and Remediating Gender and Ethnic Biases in the Kenyan Judiciary through AI” (\$60,000)
PI: Research Support Budget, 2021
“Gender Bias in the Judiciary: How Attitudes Toward Gender Affect Decision-Making in High-Stakes Settings in Peru, Kenya, and India” (\$184,000)
PI: Research Support Budget, 2020
“The Causal Effects of Judicial Efficiency on Economic Activity” (\$198,350)
PI: Knowledge for Change Trust Fund, 2020
“The Impact of Justice Innovations on Poverty, Growth, and Development” (\$180,000)
PI: The Alfred P. Sloan Foundation, 2018 (No. 2018-11245)
“oTree: An Open Source Platform for Online, Lab, and Field Experiments” (\$300,000)
PI: ERC Consolidator Grant for researchers 8–14 years from PhD, 2014 (No. 614708)
“Origins and Effects of Normative Commitments” (\$2,200,000)
PI: Swiss NSF, 2014 (No. 106014-157680)
“Digital Humanities: Legal Analysis in a Big Data World” (\$413,000)
PI: Swiss NSF, 2014 (No. 100018-152768)

“Positive Foundations of Normative Commitments” (\$545,000)
PI: ETH Fellowship Program Postdoctoral Sponsor, 2014
“High-Dimensional Econometrics Applications in Law and Economics” (\$223,000)
PI: Templeton Foundation, 2011 (No. 22420)
“Markets and Morality: Do Free Markets Corrode Moral Values?” (\$200,000)
Co-PI: 3ie, 2019
“Law and Development” (\$800,000)
Co-PI: DFID, 2019
“Using Administrative Data Systems to Improve Court Efficiency” (\$643,000)
Co-PI: Microsoft Research, 2018
“AI & Society” (\$110,000)
Co-PI: Jan Wallanders and Tom Hedelius Foundation, 2018
“Ideological Extremism or Integration” (\$352,000)
Co-PI: Swiss NSF, 2013 (No. 106014-150820)
“High-Performance Computing and Big Data Analytics” (\$266,000)

INVITED KEYNOTES

[Keynote](#), Can AI Improve Asylum Decision Making? – Aarhus (5/21)
[Keynote](#), Big Data and Law – Orleans (1/21)
[Keynote](#), International Conference on Computational Social Science – MIT (7/20)
[Keynote](#), Inauguration Summer School Behavioral Experimental Economics – Toulouse (postponed)
[Keynote](#), AI and Law – Gothenberg (12/19)
[AI in Organizations](#), Launch Bureaucracy Lab – Brussels (10/19)
[Keynote](#), Inauguration Law & Tech Lab – Maastricht (10/19)
[Plenary](#), Behavior and Data Science – Dijon (11/18)
[Keynote](#), French Law and Economics Association (10/18)
[Keynote](#), European Law and Economics Association (9/18)
[2018 Heremans Lectures in Law & Economics](#) – KU Leuven (3/18)
[16th Spring School: Institutional and Organizational Economics Academy](#) – Corsica (5/17)
Distinguished Lecture, Vienna – Inauguration for Law and Economics Center (12/14)
[Controversies in Game Theory: Homo Oeconomicus Versus Homo Socialis](#) – ETH Zurich (9/14)
Inaugural Lecture, ETH Zurich (10/13)
Keynote, Vienna University – Behavioral Public Economics Workshop (9/13)
Keynote, Max Planck Institute of Economics – Games, Experiments, & Philosophy Conference (1/08)
Keynote, Ohio State University – Fundamentalism Conference (3/06)

ARTICLES ([Research statement](#), [slide summary](#))

INVITED TO RESUBMIT

[Gender Attitudes in the Judiciary: Evidence from U.S. Circuit Courts](#) ([Econometrica](#); E. Ash[†], A. Ornaghi[†])

- Featured in [Washington Post](#)
- Accepted at [NAACL 2019 \(Natural Legal Language Processing\)](#)

[The Deterrent Effect of the Death Penalty? Evidence from British Commutations During World War I](#)
([American Economic Review](#))

[Ideas Have Consequences: The Impact of Law and Economics on American Justice](#) ([Quarterly Journal of Economics](#); E. Ash[†], S. Naidu)

- Featured in [The New York Times](#), [Washington Post](#), [Vox](#), [Marginal Revolution](#), [Intercept](#), [Law and Political Economy](#), [In These Times](#), [Pro Market](#), [Crooked Timber](#), [Foreign Policy](#)

[Covering: Mutable Characteristics and Perceptions of Voice in the U.S. Supreme Court](#) ([Review of Economic Studies](#); Y. Halberstam, A. Yu)

- Featured in [ABA Journal](#), [New Scientist](#), [Smithsonian Magazine](#), [FindLaw](#), and [Daily Mail](#)

[Can Policies Affect Preferences? Theory and Evidence from Random Variation in Abortion Jurisprudence](#) ([American Economic Journal: Economic Policy](#); V. Levonyan[†], S. Yeh[†])

[How Do Rights Revolutions Occur? Free Speech and the First Amendment](#) ([Economic Journal](#); S. Yeh[†])

[Mapping the Geometry of Law using Document Embeddings](#) ([Science Advances](#); S. Bhupatiraju[†], K. Venkataramanan[†])

- Featured in [Washington Post](#)

[A Theory of Experiments: Invariance of Equilibrium to the Strategy Method of Elicitation and Implications](#) ([Journal of the Economic Science Association](#); M. Schonger[†])

[Testing Axiomatizations of Ambiguity Aversion](#) ([Theory and Decision](#); M. Schonger[†])

[Is Ambiguity Aversion a Preference? Ambiguity Aversion Without Asymmetric Information](#) ([Journal of Economic Psychology](#); M. Schonger[†])

[Best to be Last: Serial Position Effects in Legal Decisions in the Field and in the Lab](#) ([Journal of Applied Psychology](#); O. Plonsky[†], Y. Feldman, T. Steiner, L. Nitzer)

[The Political Economy of Beliefs: Why Fiscal and Social Conservatives/Liberals Come Hand-in-Hand](#) ([Journal of Comparative Economics](#); J. Lind)

- Featured in [Marginal Revolution](#)

UNDER REVIEW

[Training Policy-Makers in Econometrics](#) ([American Economic Review](#); S. Mehmood[†], S. Naseer)

[Training Effective Altruism](#) ([Nature](#); S. Mehmood[†], S. Naseer)

[Rituals](#) ([Review of Economic Studies](#); S. Mehmood[†], A. Seror)

[Who Cares? Measuring Attitude Strength in a Polarized Environment](#) ([Journal of Politics](#); C. Cavaille[†], K. Van der Straeten)

[Racial Sentencing Disparities and the Role of Differential Stadia Progression Through the Criminal Justice System: Evidence From Federal and State Courts](#) ([American Economic Review: Insights](#); B. McConnell)

[Legitimizing Policy](#) ([American Political Science Review](#); M. Michaeli[†], D. Spiro)

[Grit and Academic Resilience During Covid-19](#) ([Proceedings of the National Academy of Sciences](#); S. Ertac, T. Evgeniou, A. Nadaf, X. Miao, E. Yilmaz[†])

[Do Judges Favor their Own Ethnicity and Gender? Evidence from Kenya](#) ([Journal of Political Economy](#); J. Graham[†], M. Ramos-Maqueda[†], S. Singh[†])

[Measuring Gender and Religious Bias in the Indian Judiciary](#) ([Quarterly Journal of Economics](#); E. Ash, S. Asher, A. Bhowmick[†], S. Bhupatiraju[†], T. Devi[†], C. Goessmann[†], P. Novosad, B. Siddiqi)

- Featured in [Hindustan Times](#)

[Motivated Reasoning in the Field: Polarization of Precedent, Prose, and Policy in U.S. Circuit Courts, 1930-2013](#) ([American Economic Review: Insights](#); W. Lu[†])

- Featured in [Washington Post](#)

[Markets and Morality: How Markets Shape Our \(Dis\)Regard For Others](#) ([Journal of the European Economic Association](#); E. Reinhart[†])

[The Disavowal of Decisionism in American Law: Political Motivation in the Judiciary](#) ([Stanford Law Review](#); E. Reinhart[†])

[Incremental AI](#) ([MIT Computational Law](#))

[Clash of Norms: Judicial Leniency on Defendant Birthdays](#) ([Journal of Economic Behavior and Organization](#); A. Philippe[†])

- Featured in [New York Times](#), [Marginal Revolution](#), [Verge](#)

[Mood and the Malleability of Moral Reasoning: The Impact of Irrelevant Factors on Judicial Decision Making](#) ([Economic Journal](#); M. Loecher)

[Non-Confrontational Extremists](#) ([European Economic Review](#); M. Michaeli[†], D. Spiro)

[Priming Ideology? Why Do Presidential Elections Affect U.S. Judges](#) ([American Political Science Review](#))

- Featured in [Washington Post](#), [NPR](#), [Verge](#)

[The Strategic Display of Emotions](#) ([Management Science](#); A. Hopfensitz, J. Van Der Ven, B. Van Leeuwen[†])

[Do Markets Overcome Repugnance? Muslim Trade Response to Anti-Muhammad Cartoons](#) ([European Economic Review](#))

[Growth Under the Shadow of Expropriation? The Economic Impacts of Eminent Domain](#) ([Journal of Legal Studies](#); S. Yeh[†])

- Featured in [Legal Theory](#)

[Insiders, Outsiders, and Involuntary Unemployment: Sexual Harassment Exacerbates Gender Inequality](#) ([American Journal of Law and Equality](#); J. Sethi[†])

- Featured in [Marginal Revolution](#), [Minority Corporate Counsel Association](#)
- [John M. Olin Law and Economics Prize for Best 2008 Law and Economics Paper](#)

[Judicial Compliance in District Courts](#) ([International Review of Law and Economics](#); J. Frankenreiter[†])

- Featured in [Legal Theory](#)

[The Role of Justice in Development: The Data Revolution](#) ([Journal of Economic Literature](#); M. Ramos-Maqueda[†])

[Who Is In Justice? Caste, Religion, and Gender In the Courts of Bihar Over a Decade](#) ([Proceedings of the National Academy of Sciences](#); S. Bhupatiraju[†], S. Joshi, P. Neis[†])

2021

[COVID-19 Within Families Amplifies the Prosociality Gap Between Adolescents of High and Low Socioeconomic Status](#) ([Proceedings of the National Academy of Sciences](#); M. Sutter, C. Terrier)

[Association of Jail Decarceration and Anti-Contagion Policies with Covid-19 Case Growth Rates in United States Counties](#) ([Journal of American Medical Association Network Open](#); E. Reinhart[†])

[Carceral-Community Epidemiology, Structural Racism, and Covid-19 Disparities](#) ([Proceedings of the National Academy of Sciences](#); E. Reinhart[†])

- Featured in [Harvard Gazette](#)

[Deep IV in Law: Appellate Decisions and Texts Impact Sentencing in Trial Courts](#) (in [Frontiers in Law](#), Cambridge University Press, ed. A. Bindler and R. Ferrer; Z. Huang[†], X. Zhang[†], R. Wang[†])

- Accepted at [NeurIPS 2019 \(CausalML\)](#) – oral (<3% of submissions)

[Social Preferences or Sacred Values? Theory and Evidence of Deontological Motivations](#) ([Science Advances](#); M. Schonger[†])

[Causal Effects of Judicial Sentiment: Methods and Application to U.S. Circuit Courts](#) ([Económica](#); E. Ash[†], S. Galletta[†])

- Featured in [Washington Post](#)

[The Promise of Machine Learning for the Courts of India](#) ([National Law School of India Review](#); S. Bhupatiraju[†], S. Joshi)

- Requested for Reprint in [Handbook of Measurement](#)

[Incarceration And Its Disseminations: COVID-19 Pandemic Lessons From Chicago's Cook County Jail - A Response to Pierson et al.](#) ([Health Affairs](#); E. Reinhart[†]; Response to Pierson et al., responding to our earlier article)

2020

[Mostly Harmless Machine Learning: Learning Optimal Instruments in Linear IV Models](#) ([Journal of Machine Learning Research \(W&CP\)](#); J. Chen[†], G. Lewis)

- Accepted at [NeurIPS 2020 \(ML for Economic Policy\)](#)

[Incarceration And Its Disseminations: COVID-19 Pandemic Lessons From Chicago's Cook County Jail](#) ([Health Affairs](#); E. Reinhart[†])

- Top 25 [Altmetric](#) score from Health Affairs and 99th percentile of attention score (as of December 27th, 2020)
- Featured in 89 news outlets including [Washington Post](#), [New York Times](#), [Wall Street Journal](#), The Economist, [CNN](#), The Independent, US News & World Report, Politico, [Slate](#), Boston Review, [Jacobin Magazine](#), [Chicago Sun-Times](#), [Mother Jones](#), [Harvard Gazette](#), [University of Chicago News](#), Axios, Stateline/Pew Charitable Trusts, American Bar Association Journal, Rolling Stone, WebMD, Doctors' Lounge, Sentencing Law & Policy, WTTW (Chicago [PBS](#)), Physician's Briefing, Physician's Weekly, Science News, Deadline, Common Dreams, Block Club Chicago, The Appeal, Health Day, Last Week Tonight with [John Oliver](#) (HBO), It's A Good Day (WBAL NYC Radio), Left Business Observer (Podcast), EncuentrosPolíticos, The Guardian, American Public Health statement, National Academy of Sciences

[Releasing Nonviolent Accused Makes Us Safer in Covid Era](#) ([Wall Street Journal](#); E. Reinhart[†])

[Automated Fact-Value Distinction in Court Opinions](#) ([European Journal of Law and Economics](#), 1-17, lead article; E. Ash, Y. Cao[†])

- Featured in [Legal Theory](#)

[The Better Way to Onboard AI](#) ([Harvard Business Review](#), forthcoming; B. Babic[†], T. Evgeniou, A. Fayard)

[Gender Violence and the Price of Virginity: Theory and Evidence of Incomplete Marriage Contracts](#) ([Journal of Religion and Demography](#), forthcoming)

2019

[Judicial Analytics and the Great Transformation of American Law](#) ([Artificial Intelligence and Law](#), 27(1), 15-42, 2019)

- Reprinted in Legal Logic Translation Project

[Mandatory Disclosure: Theory and Evidence from Industry-Physician Relationships](#) ([Journal of Legal Studies](#), 48(2), 409-440, 2019; V. Levonyan[†], E. Reinhart[†], G. Taksler)

[A Decision-Theoretic Approach to Understanding Survey Response: Likert vs. Quadratic Voting for Attitudinal Research](#) ([University of Chicago Law Review Online](#)[#], 22(2019); C. Cavaille[†], K. Van der Straeten)

[Machine Learning and Rule of Law](#) (in [Law as Data](#), Santa Fe Institute Press, ed. M. Livermore and D. Rockmore, 2019(16))

- Featured in [Verge](#)
- Reprinted in [Revista Forumul Judecătorilor](#)

[Case Vectors: Spatial Representations of the Law Using Document Embeddings](#) (in [Law as Data](#), Santa Fe Institute Press, ed. M. Livermore and D. Rockmore, 2019(11); E. Ash)

[Attorney Voice and the U.S. Supreme Court](#) (in [Law as Data](#), Santa Fe Institute Press, ed. M. Livermore and D. Rockmore, 2019(13); Y. Halberstam, M. Kumar[†], A. Yu)

[Intermediated Social Preferences: Altruism in an Algorithmic Era](#) (in [Advances in the Economics of Religion](#), Volume 158, Palgrave Macmillan, 2019, ed. J. P. Carvalho, S. Iyer, J. Rubin)

2018

[What Kind of Judge is Brett Kavanaugh? A Quantitative Analysis](#) ([Cardozo Law Review de novo](#)[†], 2018; E. Ash)

- Featured in [Legal Theory](#)

[Kavanaugh is radically conservative. Here's the data to prove it](#) ([Washington Post](#); Jul 10, 2018, E. Ash) based on [Research Note: Trump's Supreme Court Picks are Divisive, Just Like Him](#)

- Featured in [Fivethirtyeight](#), [SCOTUS Blog](#), [CPR](#)

[Automated Classification of Modes of Moral Reasoning in Judicial Decisions](#) ([Computational Legal Studies](#), 2018; E. Ash, N. Mainali[†], L. Meier[†])

[Law and Literature: Theory and Evidence on Empathy and Guile](#) ([Review of Law and Economics](#), 15(1), 2018)

[Tastes for Desert and Placation: A Reference Point-Dependent Model of Social Preferences](#) ([Research in Experimental Economics](#), [Experimental Economics and Culture](#), Volume 20, 205-226, 2018; Bingley, UK: Emerald; ed. A. Gunnthorsdottir and D. A. Norton)

[Non-Segmental Conditioning of Sibilant Variation in American English](#) ([Proceedings of the 9th International Conference on Speech Prosody](#), 2018; J. Phillips[†], A. Yu)

[Analysis of Vocal Implicit Bias in SCOTUS Decisions Through Predictive Modeling](#) ([Proceedings of Experimental Linguistics](#), 2018; R. Vunikili[†], H. Ochani[†], D. Jaiswal[†], R. Deshmukh[†], E. Ash[†])

2017

[Electoral Cycles Among U.S. Courts of Appeals Judges](#) ([Journal of Law and Economics](#), 60(3), 479-496, 2017; C. Berdejo[†])

- Featured in [Washington Post](#), [NPR](#), [Verge](#)

[The Shareholder Wealth Effects of Delaware Litigation](#) ([American Law and Economics Review](#), 19(2), 287-326, 2017; A. Badawi)

- Cited in judicial opinion, [In re El Paso Pipeline Partners, LP Derivative Litigation](#), C.A. No. 7141-VCL (Del. Ch. Dec. 2, 2015)
- Featured in [The Chancery Daily](#)

[The Genealogy of Ideology: Identifying Persuasive Memes and Predicting Agreement in the U.S. Courts of Appeals](#) ([Proceedings of the ACM Conference on AI and the Law](#), 2017; A. Parthasarathy[†], S. Verma[†])

- Cited in 2017 [American Economic Association Presidential Address](#)

[Early Predictability of Asylum Court Decisions](#) ([Proceedings of the ACM Conference on AI and the Law](#), 2017; M. Dunn[†], L. Sagun[†], H. Sirin[†])

- Featured in [Verge](#)

[Can Machine Learning Help Predict the Outcome of Asylum Adjudications?](#) ([Proceedings of the ACM Conference on AI and the Law](#), 2017; J. Eigel[†])

2016

[Decision-Making Under the Gambler's Fallacy: Evidence From Asylum Courts, Loan Officers, and Baseball Umpires](#) (Quarterly Journal of Economics, 131(3), 1181-1241, 2016; T. Moskowitz, K. Shue)

- [Exeter Prize](#) Finalist for Research in Experimental Economics, Decision Theory and Behavioral Economics
- Featured in [New York Times](#), [Washington Post](#), [NPR](#), [U.S. News & World Report](#), [Bloomberg View](#), [NBER Digest](#), [Marginal Revolution](#), [Money Talks](#), [Big Think](#), [Wirtschafts Woche](#), [Chicago Booth Capital Ideas](#), [Freakonomics](#), [Verge](#)
- [Best Paper Award](#), Utah Redrock Finance Conference
- [Oliver Williamson Best Conference Paper Finalist](#), SIOE

[oTree: An Open Source Platform for Online, Lab, and Field Experiments](#) (Journal of Behavioral and Experimental Finance, 9(1), 88-97, 2016; M. Schonger[†], C. Wickens) <http://www.otree.org> brochure

- Our mailing list [here](#) has 2,530 discussion topics (as of January 2020)
- There are 742 oTree projects posted publicly on [Github](#) and 361 posted publicly on [oTreeHub](#)
- Translated into French, German, Italian, Japanese, Spanish, and Russian
- Used in Biology, Computer Science, Economics, Engineering, Mathematics, Philosophy, Physics, Political Science, Psychology, Sociology, and high schools for classroom, lab, MTurk, field experiments with and without internet, and textbooks
- Used in large-scale governmental studies by OECD, IRS, Consumer Finance Protection Bureau, UK Behavioral Insights, panel studies by Korea and Singapore, and corporate studies by GfK

[What Matters: Agreement Between U.S. Courts of Appeals Judges](#) (Journal of Machine Learning Research (W&CP), 2016; X. Cui[†], L. Shang[†], J. Zheng[†])

- Accepted at [NeurIPS 2016 \(Machine Learning and the Law\)](#)

[Perceived Masculinity Predicts U.S. Supreme Court Outcomes](#) (PLoS-ONE, 11(10), e0164324; Y. Halbestam, A. Yu)

- Featured in [ABA Journal](#), [New Scientist](#), [Smithsonian Magazine](#), [FindLaw](#), and [Daily Mail](#)

[Are Online Labor Markets Spot Markets for Tasks? A Field Experiment on the Behavioral Response to Wages Cuts](#) (Information Systems Research, 27(2), 403-423, 2016; J. Horton[†])

2015

[Can Markets Stimulate Rights? On the Alienability of Legal Claims](#) (RAND Journal of Economics, 46(1), 23-65, 2015)

- Featured in [Regulation Magazine](#)

[Investigating Variation in English Vowel-to-Vowel Coarticulation in a Longitudinal Phonetic Corpus](#) (Proceedings of the 18th International Congress of Phonetic Sciences, 2015; C. Abrego-Collier[†], J. Phillips[†], B. Pillion[†], A. Yu)

2014

[The Construction of Morals](#) (Journal of Economic Behavior and Organization, 104, 84-105, 2014; S. Yeh[†])

- Featured in [The Boston Globe](#)

[Economics, Religion, and Culture: A Brief Introduction](#) (Journal of Economic Behavior and Organization, 104, 1-3, 2014; D. Hungerman)

2013

[A Market for Justice: A First Empirical Look at Third Party Litigation Funding](#) (Journal of Business Law[#], 15(3), 2013; D. Abrams[†])

[Does Appellate Precedent Matter? Stock Price Responses to Appellate Court Decisions of FCC Actions](#) (in Empirical Legal Analysis: Assessing the Performance of Legal Institutions, 2013; A. Araiza[†], S. Yeh[†])

[Distinguishing Between Custom and Law: Empirical Examples of Endogeneity in Property and First Amendment Precedents](#) ([William & Mary Bill of Rights Journal](#)[#], 21(1081), 2013; S. Yeh[†])

2012

[Sparse Models and Methods for Optimal Instruments with an Application to Eminent Domain](#) ([Econometrica](#), 80(6), 2369-2429, 2012; A. Belloni, V. Chernozhukov, C. Hansen)

- Featured in [2013](#) and [2015 NBER Summer Institute What's New in Econometrics](#)

[Does Disclosure Matter?](#) ([Journal of Institutional and Theoretical Economics](#), 168(1), 120-123, 2012)

['Not that Smart': Sonia Sotomayor and the Construction of Merit](#) ([Emory Law Journal](#)[#], 61(4), 2012; G. Charles, M. Gulati)

2011

[Designing Incentives for Inexpert Human Raters](#) ([Proceedings of the ACM Conference on Computer Supported Cooperative Work](#), 2011; J. Horton[†], A. Shaw[†])

- Most heavily-cited paper from the 2011 ACM-CSCW proceedings (as of November 27th, 2013), according to [Google Scholar](#)
- [Best Paper Award Honorable Mention](#)

[Can Countries Reverse Fertility Decline? Evidence from France's Marriage and Baby Bonuses, 1929-1981](#) ([International Tax and Public Finance](#), 18(3), 253-272, 2011)

[Trading Off Reproductive Technology and Adoption: A Response to Appleton and Pollak](#) ([Minnesota Law Review](#)[#], 95(6), 2011; G. Cohen[†]) (Response to Susan Appleton and Robert A. Pollak, Exploring the Connections Between Adoption and IVF: Twibling Analyses, [Minnesota Law Review](#), 95(6), 2011), responding to our earlier article)

2010

[Club Goods and Group Identity: Evidence from Islamic Resurgence During the Indonesian Financial Crisis](#) ([Journal of Political Economy](#), 118(2), 300-354, 2010)

- Featured in [Libération](#), Research News and Opportunities, Wissenschaft und Theologie, [科学和神学新闻](#)

[Trading Off Reproductive Technology and Adoption: Does Subsidizing IVF Decrease Adoption Rates and Should It Matter?](#) ([Minnesota Law Review](#)[#], 95(2), 2010; G. Cohen[†])

- Featured in [The Daily Telegraph](#)
- Selected for Stanford-Yale Junior Faculty Forum (double-blind law faculty peer review)

2007

[Islamic Resurgence and Social Violence During the Indonesian Financial Crisis](#) (in [Institutions and Norms in Economic Development](#), MIT Press, ed. M. Gradstein and K. Konrad, 179-200, 2007)

[Religion, Welfare Politics, and Church-State Separation](#) ([Journal of Ecumenical Studies](#); 42(1), 42-52, 2007; J. Lind)

2002

[Income Distribution Dynamics with Endogenous Fertility](#) ([Journal of Economic Growth](#), 7(3), 227-258, 2002; M. Kremer)

1999

[Income Distribution Dynamics with Endogenous Fertility](#) ([American Economic Review: Papers and Proceedings](#), 89(2), 155-160, 1999; M. Kremer)

1995

An Empirical Study Comparing the Controlled Random Search Procedure and the General Simulated Annealing Method for Function Optimization (Proceedings of the Fourth Annual District of Columbia Computer Science Conference, 1995)

law reviews are student-edited journals
† denotes post-doc or graduate student co-author at project start

IN PREPARATION FOR SUBMISSION (available at [SSRN](#))

[Making Information Actionable: Evidence from a Nationwide Experiment in Kenyan Courts](#) (Econometrica; M. Chemin, V. Di Maro, M. Ramos-Maqueda[†])

[When Matching Markets Unravel: Theory and Evidence from Federal Judicial Clerkships](#) (Journal of Political Economy; Y. He, T. Yamashita)

[Algorithms as Prosecutors: Lowering Rearrest Rates Without Disparate Impacts and Identifying Defendant Characteristics 'Noisy' to Human Decision-Makers](#) (extended abstract; Quarterly Journal of Economics; R. Carroll[†], B. McConnell)

- Selected for Law and STEM Faculty Forum (double-blind peer review for junior law faculty)
- Accepted at [NeurIPS 2017 \(Interpretable Machine Learning\)](#)

[Mostly Harmless Machine Learning: Learning Optimal Instruments in Linear IV Models](#) (J. Chen[†], G. Lewis)

- Accepted at [NeurIPS 2020 \(ML for Economic Policy\)](#)

[Birds of a Feather Flock Together? Transmission of Behavioral Traits in Endogenous Peer Networks](#) (P. Bhargava[†], M. Sutter, C. Terrier)

[Optimal Survey Design for Prediction](#) (C. Cavaille[†], R. Das[†], K. Van der Straeten)

[Quadratic Voting for Survey Research \(QVSR\): A platform for deploying QV in survey contexts](#) (M. Bassetti, C. Cavaille[†], A. Mortoni)

[The Prejudices of Economic Ideology: The Exacerbation of Racial and Gender Inequalities by Economics Training for Judges, A Natural Experiment](#) (American Economic Review; B. McConnell, E. Reinhart[†])

[Self-Corrosion of Law: Effects of Criminal Justice Exposure on Perceptions of Law's Legitimacy](#) (Quarterly Journal of Economics; B. McConnell, A. Philippe[†], E. Reinhart[†])

[Supreme Court Vacancies and Discretionary Opinion Writing in Federal Circuit Courts](#) (Journal of Public Economics; W. Lu[†])

[The Judicial Superego: Implicit Egoism, Internalized Racism, and Prejudice in Nine Million Sentencing Decisions](#) (S. Hajdini, E. Reinhart[†], L. Sumah)

[Racial Classification in the Criminal Justice System](#) (B. McConnell, E. Reinhart[†])

[Mis-Specified Disparities: An Application in Criminal Sentencing](#) (B. McConnell)

[How Prosecutors Exacerbate Racial Disparities](#) (B. McConnell, E. Reinhart[†])

[The Legal Reproduction of Racism: Determinants of Sentencing Disparities](#) (B. McConnell, E. Reinhart[†])

[Improving Legal Training: The Impact of Social-Emotional Learning on Judicial Performance](#) [AEA Registry] (M. Ramos-Maqueda[†], B. Silveira)

[Improving Legal Training: The Impact of Personalized Class Monitoring on Judicial Performance](#) [AEA Registry] (M. Ramos-Maqueda[†], B. Silveira)

[Information Provision and Court Performance: Experimental Evidence from Chile](#) [AEA Registry] (P. Carrillo[†], M. Ramos-Maqueda[†], B. Silveira)

[Correlates of Implicit Attitudes Among Judges: Experimental Evidence from Peru](#) (M. Ramos-Maqueda[†])

[Judicial Inattention: Machine Prediction of Appeal Success in U.S. Asylum Courts](#)

The Relativity of Racial Perception: Color Contrast Effects in Refugee Courts (E. Reinhart[†])
Social Contagion and Political Ideology: Evidence from Repeated Random Exposure in the U.S. Courts of Appeals (E. Reinhart[†])
The Relationality of Judgement: Social Dynamics of Opinion-Formation in U.S. Courts of Appeals (E. Reinhart[†])
The Propagation of Economic Ideology: Peer Effects in Language Use in U.S. Appeals Courts (E. Reinhart[†])
Malpractice Risk of Treatment Choices: Evaluating Legal Cases with CMS Microdata (E. Reinhart[†], E. Sun)
Patients for Purchase: The Effects of Pharmaceutical Company Payments on Physician Prescribing and Patient Outcomes (E. Reinhart[†], E. Sun)
Protest and Political Accountability: The Electoral Effects of Protest Rights and Rates (E. Reinhart[†])
Mimicry: Phonetic Accommodation Predicts U.S. Supreme Court Votes (A. Yu)
Economic Distress Stimulates Religious Fundamentalism
Confusing Average and Marginal Tax Rates: Experimental Evidence
The Economics of Crowdsourcing: A Theory of Disaggregated Labor Markets
How Does Science Progress? A Statistical Approach to Postmodern Theories of Knowledge

DRAFTS

Learning Policy Levers: Toward Automated Policy Classification Using Judicial Corpora (R. Delgado[†], E. Fierro[†], S. Lin[†])
Predicting Bankruptcy Decisions Using Judicial Corpora (D. Cai[†])
Is Justice Really Blind? And Is It Also Deaf? (M. Kumar[†])
Precedent vs. Politics? Case Similarity Predicts Supreme Court Decisions Better Than Ideology
Affirm or Reverse? Using Machine Learning to Help Judges Write Opinions
Religious Freedoms, Church-State Separation, and Religiosity: Evidence from Randomly Assigned Judges
Law and Norms: A Machine Learning Approach to Predicting Attitudes Towards Abortion (K. Kwan[†], M. Maass[†], L. Ortiz[†])
Predicting Punitiveness and Sentencing Disparities from Judicial Corpora
Tone of Voice Predicts Political Attitudes: Evidence from U.S. Supreme Court Oral Arguments (Y. Kadiri[†], T. Leble[†], Z. Pajor-Gyulai[†])
Using Machine Learning to Detect Human Rights Abuses

BOOK PROJECTS (Précis requests by Harvard (2), Oxford (2), Yale, MIT, Virginia, and Palgrave)

Deter or Spur? British Executions During World War I (slides)
Measuring the Moral and Economic Consequences of Judicial Discretion (slides)
Distinguishing Sacred Values from Social Preferences: Theory, Evidence, and Relevance of Deontological Motivations (slides)
Impossibility of Objective Judgments? Priming, Gambler's Fallacy, Mood, Voice, and Peer Effects in U.S. Courts (slides)
Judicial Analytics and the Behavioral Foundations of Polarization (slides)
Difference in Indifference: Legitimacy, Law, and Recognition-Respect
Genealogy of Ideology
Theorizing Cultural Differences: The Economics of Fundamentalism
Markets and Morality: Do Free Markets Corrode Moral Values?
Hermometrics: The Measurement of Meaning

WORK IN PROGRESS

IAST at Toulouse School of Economics

Physician Learning (E. Gentry[†], M. Gentry)

Time of Day and Decision Heuristics: Evidence from Asylum Judges

Judicial Leniency Grows with Age

[The Social Life of Psychiatric Epistemology: A Multinational Natural Experiment of the Effects of ICD-10 Adoption on Criminal Law, Suicide, Diagnosis, and Pharmaceutical Use](#) (E. Reinhart[†])

CDS at NYU Courant Institute of Mathematical Sciences (various co-authors[†])

Circuit Courts

Firm Embeddings: Measuring Firm Response to Legal Precedents Using Neural Networks

Do Clerks Impact Judges? Predicting Legal Schools of Thought

Dicta Matters: Evidence from Environmental Law

Financial Conflicts of Interest and Judicial Decisions

Legal Ambiguity

The Grammar of Law

Supreme Court

Implicit Bias in Supreme Court Speech: Inferences of Gender Attitudes from Vocal Patterns Predict Judicial Decisions

Modeling Social Influence via Phonetic Accommodation in the U.S. Supreme Court

Asylum Courts

Endogenous Information Acquisition: Using WikiLeaks State Department Cables to Predict Asylum Decisions

ML/AI and Field Experiments (in progress)

Law and Development

India, Pakistan, Bangladesh, Chile, Peru, Brazil, Kenya, Croatia, Sweden, Denmark, Norway, Czech, US

Improving Civil Service

Estonia, Slovakia, Romania, Lithuania

Economics, AI, and Ethics

France, Turkey, United Arab Emirates, Tanzania

RESTING (papers/presentation)

[The 21st Century Mechanical Turk: A True Automaton for Running Experimental Games](#) (A. Dreber[†], J. Horton[†], D. Rand[†]) (2008)

[Hard and Soft Betrayals](#) (J. Horton[†], R. Zeckhauser) (2009)

[Interim Report on a Preschool Intervention Program in Kenya](#) (P. Glewwe, M. Kremer, S. Moulin) (2000)

Implementation of EM algorithm, MCMC, and Gibbs sampling methods for evaluation of the Milwaukee school voucher program and for determining whether multiple sclerosis is contagious (1999)

RESEARCH FUNDING

Research Support Budget, "Evolution of Inmates' Perceptions and Preferences Over Time: Evidence from Czech Prisons", 2021 (\$30,000)

Research Support Budget, "How can Technology Impact Legal Capacity in Pakistan? An Exploratory Grant Proposal to Digitize Court Records and Pilot a Legal Case Management App", 2021 (\$30,000)

Research Support Budget, "The Impact of Judicial Productivity Quotas on the Quality of Judicial Decisions and Firm Outcomes in Croatia", 2021 (\$30,000)

Research Support Budget, "How Do Youths Learn Justice? An Exploratory Grant Proposal for Piloting an Embedded-EthiCS Digital Literacy Curriculum", 2021 (\$30,000)

Chan Zuckerberg Initiative, "Justice Innovation Lab" Co-Founder, 2020

NIH R21, "Improving Physician Learning and Decision-Making" (recommended for funding), 2020 (\$243,740)

University of Chicago Bucksbaum, "Incarceration and Dissemination", 2020 (\$20,000)

IGC, "Judicial Access and Development: Evidence from Pakistan", 2020 (\$50,700)

IGC, "The Causal Effects of Judicial Efficiency on Economic Activity", 2020 (\$48,000)
World Bank, "India Courts and Informality", 2020 (\$34,000)
World Bank, "India Justice and COVID", 2020 (\$25,000)
Russell Sage Foundation, "Judge and Physician Errors", 2020 (\$35,000)
ANITI Toulouse AI & Ethics, 2019
Russell Sage Foundation, "Lexical Gender Bias in the Judiciary", 2019 (\$35,000)
TSE Digital Center, 2019 (\$5,500)
Coordinating PI: ERC Synergy, "Difference in Indifference: Normative Commitments in Multiculturalist Societies" (advanced to 2nd stage), 2018 (\$14,700,000)
Microsoft Azure Research, 2017, 2018 (\$40,000)
IAST Multidisciplinary Prize, 2016 (\$45,000)
Agence Nationale de la Recherche, 2015
Connaught Fund, 2015 (\$42,500)
Residential Scholar, Harvard Safra Center for Ethics (declined, time conflicts), 2012–2014 (\$540,000)
Visiting Scholar, Russell Sage Foundation (declined, time conflicts), 2012–2013 (\$110,000)
MacArthur Foundation, University of Pennsylvania Law and Neuroscience Bootcamp, 2012
Institute for New Economic Thinking (invited to 2nd round), 2011 (\$235,262)
Duke Center for Race, Law, and Politics, 2011
Ewing Marion Kauffman Foundation, 2010 (\$20,000)
NIH–Director’s Early Independence Award (Duke University nomination), 2010 (\$1,250,000)
Greenwall Foundation–Faculty Scholars in Bioethics (Duke University nomination), 2010 (\$270,000)
HLS John M. Olin Fellowship in Law and Economics, 2006–2009 (\$15,000)
HLS Berkman Center for Internet and Society, 2009 (\$12,000)
HLS Program on the Legal Profession, 2009 (\$1,500)
HLS International Legal Studies, 2009
Harvard Center for American Political Studies, 2009 (\$1,000)
Nominated for Junior Fellow, Harvard Society of Fellows, 2008
HLS Petrie-Flom Fellowship in Health Law Policy, 2007–2008 (\$1,500)
U Penn Center for Health Incentives, 2008
NBER–Economics of National Security, 2007
HLS Summer Academic Fellowship, 2007, 2008 (\$13,000)
Institute for Humane Studies Thomas C. and Irene W. Graham Fellow, 2007–2009 (\$15,000)
National Institute of Child Health and Human Development, 2004–2006 (\$80,000)
Templeton Foundation Metanexus Institute (invited to 2nd round), 2006
Earhart Foundation, 2006 (\$6,000)
NICHD Stanford Formal Demography Workshop, 2005
Russell Sage Foundation Behavioral Economics, 2005
Institute for Humane Studies Hayek Scholar, 2005
NSF Graduate Research Fellowship, 2000–2004 (\$75,000)
MacArthur Foundation Social Interactions and Inequality Fellowship, 2002–2003 (\$10,000)
Social Science Research Council Applied Economics Fellowship, 2002–2003 (\$15,000)
Russell Sage Foundation, Berkeley Summer Institute on Behavioral Economics, 2002
MIT Schultz Fund, 2001–2004
Paul & Daisy Soros Fellowship, Finalist, 2001
Center for International Development/WorldTeach, 1999
Rotary Ambassadorial Scholar, 1999–2000 (\$30,000)
Edinburgh Parallel Computing Centre Summer Scholarship, 1997
NIH Intramural Research Fellowship, 1996
Research Science Institute, 1994
National Center for Supercomputing Applications Summer Institute, 1993

REFeree

Academy of Management (1)
American Economic Journal: Applied Economics (5)
American Economic Journal: Economic Policy (2)
American Economic Review (9)
American Economic Review: Insights (2)
American Law and Economics Review (2)
American Political Science Review (4)
Artificial Intelligence and Law (3)
Artificial Intelligence Review (1)
Bank of Sweden Tercentenary Foundation (1)
Conference on Empirical Legal Studies (14)
Czech National Research Council (1)
Econometrica (2)
Economic Development and Cultural Change (1)
Economic Journal (8)
Economics Letters (1)
Experimental Economics Handbook Series (1)
European Journal of Health Economics (1)
European Economic Review (4)
European Research Council (1)
European Sociological Review (2)
International Economic Review (3)
Intl Conference on Computational Social Science (1)
Intl Journal of Law, Crime and Justice (1)
Israel Science Foundation (4)
Journal of African Economies (1)
Journal of Applied Social Psychology (1)
Journal of American Medical Association (1)
Journal of Business Ethics (1)
Journal of Church and State (1)
Journal of Development Economics (1)
Journal of Development Studies (2)
Journal of Economic Behavior and Organization (10)
Journal of Economic Growth (2)
Journal of Economic Theory (1)
Journal of Empirical Legal Studies (1)
Journal of the European Economic Association (9)
Journal of Human Resources (1)

Journal of Law and Courts (1)	Political Research Quarterly (3)
Journal of Law and Economics (7)	Public Administration Quarterly (1)
Journal of Law, Economics, and Organizations (4)	Public Choice (2)
Journal of Legal Studies (1)	Quarterly Journal of Economics (17)
Journal of Political Economy (5)	RAND Journal of Economics (2)
Journal of Politics (1)	Research Grants Council of Hong Kong (1)
Journal of Population Economics (1)	Review of Economic Studies (13)
Journal of Public Economics (6)	Review of Economics and Statistics (5)
Journal for the Scientific Study of Religion (2)	Review of Financial Studies (1)
Law and Society (1)	Review of Religious Research (1)
Leadership Quarterly (1)	Routledge (1)
Management Science (1)	Scandinavian Journal of Economics (2)
National Science Foundation (4)	Science Advances (1)
Nature Human Behavior (1)	Templeton Foundation (1)
Natural Language Legal Processing (3)	World Development (1)
Netherlands Organization for Scientific Research (1)	World Politics (1)
NordForsk (1)	

TEACHING (Syllabi at <http://nber.org/~dlchen>)

Tools and Techniques for Machine Learning

- NYU Courant Institute of Mathematical Sciences Center for Data Science (G2)
[Spring 2021](#), [Fall 2021](#) (project advisor)

Incremental AI

- Toulouse School of Economics (Executive Education) [Feb 2020](#)
- Stanford, Georgetown (project advisor) [Spring 2020](#)

Natural Language Understanding and Computational Semantics

- NYU Courant Institute of Mathematical Sciences Center for Data Science (G2, Capstone, France)
[Spring 2020](#), [Fall 2019](#), [Spring 2019](#), [Spring 2018](#) (project advisor)

Law and Economics

- Toulouse School of Economics (G) [Fall 2018](#)
- 4th Summer School: Behavioral and Experimental Economics Research (Ph.D.) [June 2016](#)
- ETH (G1) [Spring 2014](#), [Spring 2013](#)
- Duke Law, cross-listed Economics (3L/G1) [Fall 2011](#)
- Duke Law (3L) [Fall 2010](#)

Legitimacy, Law, and Recognition-Respect (Heremans Lectures in Law & Economics)

- KU Leuven (JD) [March 2018](#)

Machine Learning, Causal Inference, and Judicial Analytics

- Toulouse School of Economics (G2) [Spring 2019](#) (G2) [Spring 2018](#) (G1) [Fall 2017](#)

Machine Learning and Computational Statistics

- NYU Courant Institute of Mathematical Sciences Center for Data Science (G1)
[Spring 2018](#), [Spring 2017](#), [Spring 2016](#), [Spring 2015](#) (project advisor)

Experimental Economics: Sources of Normativity

- Toulouse School of Economics (G1) [Fall 2017](#)

Positive Foundations of Normative Commitments

- 16th Spring School: Institutional and Organizational Economics Academy (Ph.D.) [May 2017](#)
- Hebrew Law (3L) [May 2013](#)

Contract Law

- Duke Law (1L) [Spring 2012](#), [Spring 2011](#)

Hermometrics Lab: The Economics of Interpretation

- Harvard Economics (So) [Spring 2009](#), [Spring 2008](#)
 - [Joseph R. Levenson Memorial Teaching Prize Nominee](#), 2009
 - Received departmental funding for curriculum development

- [John H. Marquand Award for Exceptional Advising and Counseling Nominee](#), 2008
 - Teaching rating: 4.5/5.0 scale relative to average tutorial score of 3.9

Theorizing Cultural Differences: The Economics of Fundamentalism

- University of Chicago Economics (Sr) [Winter 2005](#)
 - Featured in [Marginal Revolution](#)

Decision Theory

- Harvard Engineering Sciences (G1) Fall 1998 (teaching fellow)

SERVICE

[Journal of Law and Courts](#), editorial board (2021-)

[Journal of Behavioral and Experimental Finance](#), special issue on experimental platforms (co-editor) (2018)

[Journal of Economic Behavior and Organization](#), special issue (co-editor) (2013)

Program Committee, European Law and Economics Association (2020), NAAFL on Natural Legal Language Processing (2019, 2020), Conference on Data Science and Law (2019), European Econometric Society Meetings (2019), French Experimental Economics Association (2019), European Economic Association (2017), American Law and Economics Association (2017), Society for Institutional and Organizational Economics (2015), NBER Economics of Religion and Culture (2013)

Member of CODEP (Management committee), Toulouse School of Economics (2020-)

Recruiting Committee, DIME World Bank (2020-)

Tenure and Promotions Committee, Toulouse School of Economics (2017-)

Recruiting Committee, Institute for Advanced Studies in Toulouse (2018-)

Junior Recruiting Committee, Toulouse School of Economics (2017-2018)

Elected to the Academic Council, Duke University (2011-2012)

Law and Economics Society, Faculty Advisor, Duke University (2011-2012)

Academic Career Support Committee, Duke Law School (2010-2012)

Resident Economics and BGLTS Tutor, Harvard University (2006-2009)

Law and Economics Workshop, ETH Zurich (2013-2015)

Law and Finance Workshop, ETH Zurich (2012-2015)

Law and Intellectual Property Workshop, ETH Zurich (2012-2015)

Law and Social Science Workshop, Duke Law School (2011)

JD/PhD Workshop, Harvard Law School (2007-2008)

Olin Fellows Workshop, Harvard Law School (2006-2007)

Development Economics Workshop, University of Chicago (2004-2005)

PRESENTATIONS (Slides at <http://nber.org/~dlchen>; [chronology](#))

in Economics or Law unless otherwise noted

I. THEORIZING CULTURAL DIFFERENCES: THE ECONOMICS OF FUNDAMENTALISM

Keynote, Ohio State – Fundamentalism Conference (3/06)

(1) [Club Goods and Group Identity: Evidence from Islamic Resurgence During the Indonesian Financial Crisis](#)
[Islamic Resurgence and Social Violence During the Indonesian Financial Crisis](#)
[Economic Distress Stimulates Religious Fundamentalism](#)

Harvard (9/20)

Toulouse (1/08)

PSE (1/08)

Notre Dame De La Paix (1/08)

SITE Risk Contracts Org (7/06)

Oxford Global Poverty (3/06)

GMU Mercatus Center (2/06)

Santa Fe Institute (1/06)

Intl Peace Research Inst (12/05)

CESifo Pol Econ & Dev (7/05)

Clemson (3/05)

NBER National Security (2/05)

Chicago (1/05)

Chicago (Pol Science) (1/05)

AEA (1/05)

Gadjah Mada (12/04)

ASREC (10/04)

Chicago (Pol Science) (10/04)

UIC (10/04)

Chicago (Demography) (9/04)

IHS (6/04)

Berkeley (1/04)

Columbia (1/04)

UCSD (1/04)

Claremont (1/04)

Harvard (12/03)

MIT (10/03)

NEUDC (10/03)

MIT⁺ (9/03)

SSRC (5/03)

MIT[†] (4/03)

MIT[†] (2/03)

MIT[†] (11/02)

(2) [Gender Violence and the Price of Virginity: Theory and Evidence of Incomplete Marriage Contracts](#)

Harvard[†] (12/07)

Chicago (Demography) (3/06)

Chicago (Gender) (11/05)

ASREC (11/05)

NEUDC (9/05)

Chicago (Divinity) (1/05)

SSHA (11/04)

Chicago (11/04)

(3) [The Political Economy of Beliefs: Why Fiscal and Social Conservatives/Liberals Come Hand-in-Hand Religion, Welfare Politics, and Church-State Separation](#)

SED (6/16)

CELSE[†] (6/16)

TSE Political Economy (3/16)

AEA (1/16)

Royal Economic Society (4/15)

ASREC (3/15)

Bergen (12/14)

ASREC (9/14)

SIOE (6/14)

American Law & Econ (5/14)

York^{*} (12/07)

Munich^{*} (11/07)

Dresden^{*} (10/07)

Harvard[†] (3/07)

EEA^{*} (9/06)

APSA (8/06)

NBER SI Income Distr (7/06)

MPSA (4/06)

George Mason (2/06)

Washington University (11/05)

ASREC (11/05)

Iowa State (11/05)

Chicago (Pol Science) (10/05)

IUPUI (10/05)

Stockholm IIES (9/05)

Oslo (9/05)

Chicago (9/05)

Chicago (8/05)

UCSD (5/05)

UCLA (4/05)

Chicago (Development) (3/05)

II. MEASURING THE MORAL AND ECONOMIC CONSEQUENCES OF JUDICIAL DISCRETION

2018 Heremans Lectures in Law & Economics – KU Leuven (3/18)

Association of American Law Schools Conference – Empirical Legal Scholarship (1/11)

Board of Visitors, Duke Law (10/10)

(1) [Insiders, Outsiders, and Involuntary Unemployment: Sexual Harassment Exacerbates Gender Inequality](#)

CELSE[†] (6/16)

Econometric Society (6/12)

LSE (11/11)

PSE (10/11)

Northwestern (9/11)

Yale (9/11)

Law & Society (6/11)

ETH Zurich (5/11)

Berkeley (4/11)

Lancaster (12/10)

University of Virginia (10/10)

Duke (Demography) (9/10)

SITE Women & Econ (8/10)

Fordham (2/10)

Duke (1/10)

William and Mary (1/10)

Florida State University (1/10)

George Mason (1/10)

UNC-Chapel Hill (1/10)

Kauffman Foundation (1/10)

George Mason (12/09)

Southwestern (12/09)

SUNY-Buffalo (12/09)

Thomas Jefferson (12/09)

Chicago (11/09)

Federalist Society (5/09)

NBER Law & Econ (2/09)

American Law & Econ (5/08)

Midwest Econ Assoc (3/08)

Harvard[†] (10/07)

Harvard[†] (9/07)

Harvard[†] (8/07)

Harvard[†] (7/07)

Labor & Employ Law Colloq[†]

(2) [Growth Under the Shadow of Expropriation? The Economic Impacts of Eminent Domain](#)

[Sparse Models and Methods for Optimal Instruments with an Application to Eminent Domain](#)

SIOE (6/16)

Northwestern^{*} (11/14)

Prague (10/14)

CREI (5/14)

CEMFI (5/14)

Bern (4/14)

USC^{*} (2/14)

NBER SI Methods for High-Dimensional Data^{*} (7/13)

American Law & Econ (5/13)

Society of Labor Econ (5/13)

Royal Economic Society (4/13)

Michigan (2/13)

Harvard[†] (1/13)

AEA (1/13)

APPAM^{*} (11/12)

UCLA (10/12)

Toronto (10/12)

SITE Innov in Econ Hist (8/12)

NBER SI Real Estate & Local Public Finance (7/12)

NBER SI Envir & Enrgy (7/12)

NBER SI Income Distr (7/12)

Econometric Society (6/12)

Federal Reserve Board (3/12)

University of Illinois (3/12)

NY Federal Reserve (12/11)

Midwest Law & Econ (9/11)

CELS (11/11)

AEA (1/11)

American Law & Econ (5/10)

Brown, Columbia, Hebrew, Tel Aviv, Harvard-MIT, Dutch

Econometric Study Group, Duke,

NYU, New Economic School^{*}

(3) [How Do Rights Revolutions Occur? Free Speech and the First Amendment](#)
[The Construction of Morals](#)

Distinguishing Between Custom and Law: Empirical Examples of Endogeneity in Property and First Amendment Precedents

CELS (11/19)	Catholic University*	Canadian Law & Econ (9/12)
Barcelona GSE–Policy Evaluation in Health (6/19)	George Mason* (11/14)	ESA (9/12)
CELSE+ (6/16)	Chicago (12/13)	American Law & Econ (5/12)
Amsterdam (2/16)	NBER Econ Relig & Cult (3/13)	Duke (2/12)
Tilburg Economic Governance & Social Preference (9/15)	Columbia (11/12)	Law & Society (6/11)
Econometric Society (8/15)	Georgetown (11/12)	ASREC (4/11)
NBER Culture & Inst (4/15)	Transatlantic Economics of Crime Workshop (10/12)	Duke (2/11)
	Midwest Law & Econ* (10/12)	

(4) Do Policies Affect Preferences? Theory and Evidence from Random Variation in Abortion Jurisprudence

Law and Norms: Using Machine Learning to Predict Attitudes Towards Abortion

Kandersteg (6/16)	SIOE (6/15)	APPAM* (11/12)
SIOE+ (6/16)	ASREC (3/15)	MPSA (4/12)
NYU (Data Science)+ (5/16)	ETH Zurich (4/14)	ASREC (4/11)
Royal Economic Society (3/16)	Cornell+ (4/14)	
Bonn (11/15)	Harvard+ (11/13)	

(5) The Shareholder Wealth Effects of Delaware Litigation

Does Appellate Precedent Matter? Stock Price Responses to Appellate Court Decisions of FCC Actions

American Law & Econ* (5/14)	Academia Sinica (6/11)
-----------------------------	------------------------

(6) Judicial Compliance in District Courts

CELSE+ (6/16)	CELS* (11/14)	Midwest Law & Econ* (10/14)
American Law & Econ* (5/15)	Harvard SJD empirical*	ETH Zurich+ (5/14)

(7) Religions Freedoms, Church-State Separation, and Religiosity: Evidence from Randomly Assigned Judges

CELSE+ (6/18)	Israel Law & Econ* (3/17)	ASREC* (2/17)
---------------	---------------------------	---------------

(8) Dicta Matters: Evidence from Environmental Law

NYU (Data Science)+ (5/17)

(9) Judicial Sentiments and Social Attitudes: Evidence from U.S. Circuit Courts

NYU (Data Science)+ (5/17)

(10) Impacts of Protest Rights on Protest Rates and Political Accountability

APSA* (8/18)

(11) Gender Attitudes in the Judiciary: Evidence from U.S. Circuit Courts

AEA+ (1/21)	Gothenburg (11/19)	UCSC (9/19)
Econometric Society (1/21)	Essex/Gothenburg – Gender Workshop (11/19)	NAACL (6/19)
Stockholm+ (5/20)	National University Singapore+ (11/19)	Barcelona GSE–Data Science & Economics (6/19)
Discrimination and Disparities Workshop* (5/20)	Baptist HK+ (11/19)	INSEAD (5/19)
UCSD (4/20)	Hong Kong University+ (11/19)	Legal Data Mining (3/19)
Computational Justice (3/20)	Peking+ (10/19)	HEC (2/19)
ASREC (3/20)	National Taiwan University+ (10/19)	Warwick* (2/19)
Stanford (NLP) (2/20)	Montreal+ (10/19)	Leuven+ (12/18)
Montpellier (2/20)	Toulouse (10/19)	Text as Data+ (10/18)
Texas (2/20)	Innsbruck (10/19)	AFED (10/18)
World Bank (1/20)	Berkeley* (9/19)	European Law & Econ* (9/18)
Max Planck Institute (12/19)		APSA* (8/18)
CELS+ (11/19)		NYU (Data Science)+ (5/17)
SSHA (11/19)		

(12) Implicit Bias in Judicial Language: Evidence from Indian Courts

MIT (Political Science) (11/19)

Economic Development &
Institutions* (8/18)

(13) [Deep IV in Law: Analysis of Appellate Impacts on Sentencing Using High-Dimensional Instrumental Variables](#)

Toulouse (2/20)

NeurIPS (12/19)

III. MARKETS AND MORALITY: DO FREE MARKETS CORRODE MORAL VALUES?

2018 Heremans Lectures in Law & Economics – KU Leuven (3/18)

European Economic Association – European Research Council Panel (8/17)

(1) [Markets and Morality: Do Free Markets Corrode Moral Values?](#)

ESA (11/11)

British Columbia (10/11)

European Law & Econ (9/11)

Maastricht Behav Econ (6/11)

Duke (6/11)

Milano Mkt & Happiness (6/11)

ASREC (4/11)

NYU (Philosophy) Exp Research

Group (3/11)

Max Planck Institute (12/10)

Italian Law & Econ (12/10)

Lancaster (12/10)

CELS (11/10)

Duke (10/10)

Law & Society (6/10)

Basque Experiments in Economics
& Philosophy⁺

(2) [Can Markets Stimulate Rights? On the Alienability of Legal Claims](#)

[A Market for Justice: A First Empirical Look at Third Party Litigation Funding](#)

Columbia⁺ (10/17)

American Law & Econ (5/14)

Canadian Law & Econ (9/12)

Econometric Society (7/12)

Monash (7/12)

U of South Australia (7/12)

European Law & Econ (9/11)

Midwest Law & Econ (9/11)

NBER SI Law & Econ (7/11)

Duke (2/11)

RAND Alternative Litigation
Funding (5/10)

(3) [Intermediated Social Preferences: Altruism in an Algorithmic Era](#)

Kauffman Foundation (7/09)

(4) [Mandatory Disclosure: Theory and Evidence from Industry-Physician Relationships](#)

Barcelona GSE–Policy Evaluation in
Health* (6/17)

CELSE⁺ (6/16)

TSE Finance & Law* (6/16)

American Law & Econ (5/16)

APPAM⁺ (11/15)

Econometric Society (8/15)

SIOE* (6/15)

American Law & Econ* (5/15)

Bergen Comp Law&Pol* (4/15)

Royal Economic Society* (4/15)

MPI Metrics & Health* (9/14)

American Law & Econ (5/13)

UCSF Physician-Scholars in Soc Sci
& Humanities* (4/13)

CELS (11/12)

UPenn (4/12)

Midwest Law & Economics⁺

(5) [Do Markets Overcome Repugnance? Muslim Trade Response to Anti-Muhammad Cartoons](#)

ASREC (3/15)

ASREC (9/14)

Zurich (4/14)

(6) [Ideas Have Consequences: The Impact of Law and Economics on American Justice](#)

NBER Political Econ (10/20)

Northwestern (5/19)

Coalition Theory Network (5/19)

George Mason* (1/19)

GWU* (11/18)

Lausanne (11/18)

Oslo–Machine Learning and

Network Analysis in Law (10/18)

Barcelona GSE–Data Science &
Economics (6/18)

Barcelona GSE–Political Econ
(6/18)

Toulouse (6/18)

Strasbourg (6/18)

CELSE⁺ (6/18)

American Law & Econ (5/18)

Princeton (5/18)

Toulouse (4/18)

NBER Culture & Inst (4/18)

East Anglia (12/17)

UPF (11/17)

Warwick* (11/17)

WZB Berlin (10/17)

CELS* (10/17)

Tilburg (10/17)

Rotterdam (10/17)

Sciences Po (10/17)

Banq of France (10/17)

European Law & Econ (9/17)

ESA (9/17)

Cambridge (7/17)

Toulouse–IAST Council (6/17)

SIOE (6/17)

Frankfurt (6/17)

World Bank* (6/17)

IOEA (5/17)

Cologne (5/17)

Gothenburg (5/17)

Bloomberg (5/17)

Bonn–Moral Reasoning in

Economics (3/17)

Columbia* (2/17)

Northwestern* (2/17)

ASREC (2/17)

Kandersteg (6/16)

Barcelona GSE–Science &

Innovation (6/16)

NYU (Data Science)⁺ (5/16)

(7) Do Pharmaceutical Company Payments to Physicians Influence Prescribing Behavior and Patient Outcomes?
Predicting Malpractice Risk Using Microdata on Treatment Choices

Herzliya (6/20) NYU (Data Science)[†] (5/17) Toulouse⁺ (12/16)

(8) Social Preferences at Scale

Sciences Po[†] (11/21)

IV. DISTINGUISHING SACRED VALUES FROM SOCIAL PREFERENCES: THEORY, EVIDENCE, AND RELEVANCE OF DEONTOLOGICAL MOTIVATIONS

[Keynote, oTree Conference – Zurich⁺ \(11/18\)](#)

[2018 Heremans Lectures in Law & Economics – KU Leuven \(3/18\)](#)

[16th Spring School: Institutional and Organizational Economics Academy – Corsica \(5/17\)](#)

[Controversies in Game Theory: Homo Oeconomicus Versus Homo Socialis – ETH Zurich \(Sociology\) \(9/14\)](#)

(1) [oTree: An Open Source Platform for Online, Lab, and Field Experiments](#)

The 21st Century Mechanical Turk: A True Automaton for Running Experimental Games

20+ independent workshops at Mainz, TIBER, etc.; Hackathon at Berlin (10/17)	Oxford [*] (11/17) Toulouse [*] (11/17) ESA [*] (6/17)	Amsterdam [*] (2/16) EUI [*] (2/16) Lyon [*] (1/16)
Princeton (5/18)	Cologne [*] (9/16)	Nuremberg [*] (2/16)
Stanford [*] (5/18)	EADM Summer School (7/16)	Innsbruck [*] (2/16)
Michigan [*] (5/18)	Kandersteg (6/16)	Trento [*] (2/16)
Purdue [*] (5/18)	Seoul [*] (5/16)	Nice [*] (1/16)
GfK [*] (4/18)	Kochi [*] (4/16)	Zaragoza [*] (Comp Sci) (1/16)
Tilburg [*] (4/18)	Royal Economic Society (3/16)	Zurich Lab Design [*] (10/14)
Utrecht [*] (4/18)	Michigan (3/16)	ESA [*] (6/14)
Milan [*] (4/18)	Toulouse (3/16)	ETH Zurich [*] (5/14)
Dusseldorf [*] (4/18)	Bonn [*] (2/16)	Hamburg [*] (1/14)
Bonn [*] (4/18)	Sciences Po [*] (2/16)	Kauffman Foundation (7/09)
Exeter [*] (4/18)	Mannheim [*] (Neuro) (2/16)	Berkman Center [*] (5/09)
Aarhus [*] (11/17)	Vienna [*] (2/16)	

(2) [A Theory of Experiments: Invariance of Equilibrium to the Strategy Method of Elicitation and Implications](#)

Barcelona GSE–Bounded Rationality, Cognition, and Strategic Uncertainty (6/19)	Bonn (11/15) SIOE (6/15) ETH Zurich (Sociology) Social Norms & Inst ⁺ (5/15)	NCBEE [*] (9/14) ETH Zurich (9/14) EEA [*] (8/14)
Econometric Society (8/17)	Royal Economic Society [*] (4/15)	Zurich Design Workshop (9/13)
IOEA (5/17)	Zurich [*] (2/15)	ESA (9/12)
NYU-CESS (2/17)	European University Institute (11/14)	
ESA (11/16)		

(3) [Social Preferences or Sacred Values? Theory and Evidence of Deontological Motivations](#)

IOEA (5/17)	Oslo (Philosophy) (9/13)	Hebrew (5/13)
SIOE (6/16)	Oslo (9/13)	American Law & Econ [*] (5/13)
ASREC (9/14)	Econometric Society (8/13)	MPSA (4/13)
Social Choice & Welfare (6/14)	EADM (8/13)	Zurich Design Workshop (2/13)
Society of Labor Econ [*] (5/14)	SAET [†] (7/13)	Basel (12/12)
Lausanne (3/14)	ESA [*] (7/13)	ESA (11/12)
ETH Zurich (3/14)	Bar Ilan (6/13)	ETH Zurich (10/12)
Bonn [*] (12/13)	Tel Aviv (5/13)	
NHH (11/13)	Haifa (5/13)	

(4) [Non-Confrontational Extremists](#)

Munich [*] (10/18)	ASREC [*] (9/17)	TSE Norms Games (6/16)
Stockholm [*] (10/18)	ASREC (2/17)	NYU-Abu Dhabi Behavioral Political Economy (12/15)
Copenhagen [*] (11/17)	Kandersteg (6/16)	

TSE Political Economy (6/15)

American Law & Econ (5/15)

Oslo* (4/15)

(5) [Who Cares? Measuring Attitude Strength in a Polarized Environment](#)

[A Decision-Theoretic Approach to Understanding Survey Response: Likert vs. Quadratic Voting for Attitudinal Research](#)

RadXChange* (6/20)

Georgetown* (1/19)

APSA* (8/17)

Michigan* (4/20)

Oxford* (1/19)

Toulouse (11/17)

Duke* (11/19)

Columbia* (12/18)

Toulouse (10/16)

Princeton* (10/19)

Chicago (11/18)

V. IMPOSSIBILITY OF OBJECTIVE JUDGMENTS? PRIMING, GAMBLER'S FALLACY, MOOD, VOICE, AND PEER EFFECTS IN U.S. COURTS

Expert Forum on Expert Judgment – Swiss Re+ (6/18)

2018 Heremans Lectures in Law & Economics – KU Leuven (3/18)

Distinguished Lecture, Vienna – Inauguration for Law and Economics Center (12/14)

(1) [Priming Ideology: Why Presidential Elections Affect U.S. Judges](#)

[Electoral Cycles Among U.S. Courts of Appeals Judges](#)

Kandersteg (6/16)

Econometric Society (8/13)

University of Chicago (10/11)

SIOE (6/15)

EADM (8/13)

Duke (9/11)

Toulouse (4/15)

MPSA (4/13)

SITE Psych & Econ (9/11)

Royal Economic Society (4/15)

INSEAD (4/13)

GWU (9/11)

ASREC (3/15)

Harvard (2/13)

Seattle Politics Law Bus (8/11)

Vienna (Demography) (12/14)

Maryland (11/12)

NBER SI Political Econ (7/11)

Lausanne (10/14)

George Mason (11/12)

American Law & Econ (5/11)

Notre Dame (12/13)

Canadian Law & Econ (9/12)

Duke (Political Science) (1/11)

EUI (11/13)

Zurich (9/12)

Italian Law & Econ (12/10)

Stockholm IIES (11/13)

Hebrew (11/11)

Duke (9/10)

Vienna Behav Pub Econ (9/13)

Cyprus (11/11)

Southeast Law Scholars (9/10)

Lucerne (9/13)

CELS (11/11)

(2) [Mood and the Malleability of Moral Reasoning: The Impact of Irrelevant Factors on Judicial Decision-Making](#)

Kandersteg (6/16)

American Law & Econ* (5/14)

UCLA* (4/14)

NYU (Data Science)+ (5/16)

Northwestern* (4/14)

Virginia* (1/14)

CELS (11/14)

Berkeley* (4/14)

Harvard* (1/14)

(3) [Decision-Making Under the Gambler's Fallacy: Evidence From Asylum Courts, Loan Officers, and Baseball Umpires](#)

Found of Utility & Risk (6/16)

McGill* (3/15)

Dartmouth* (10/14)

Kandersteg (6/16)

Fin Research Assn (12/14)

Washington University* (10/14)

American Law & Econ (5/16)

Mannheim* (12/14)

NCBEE (9/14)

AEA (1/16)

Frankfurt* (12/14)

Oklahoma* (9/14)

CELS (10/15)

Miami Behavioral Fin* (12/14)

SITE Psych & Econ* (8/14)

Gerzensee* (7/15)

NBER Behavioral Fin* (11/14)

Econometric Society (8/14)

Yale Behav Finance* (6/15)

Cornell* (11/14)

UNSW* (6/14)

Northeastern Corp Fin* (5/15)

Rochester* (10/14)

ANU* (6/14)

NHH (4/15)

Rice* (10/14)

SIOE (6/14)

Texas Finance Festival* (4/15)

Indiana* (10/14)

Chicago* (5/14)

UNC Corporate Finance* (4/15)

Zurich (10/14)

(4) [Covering: Mutable Characteristics and Perceptions of Voice in the U.S. Supreme Court](#)

[Perceived Masculinity Predicts U.S. Supreme Court Outcomes](#)

[Is Justice Really Blind? And Is It Also Deaf?](#)

[The Perils of Sounding Manly: A Look at Vocal Characteristics of Lawyers Before the U.S. Supreme Court](#)

Harvard (10/20)

Sante Fe Institute (12/17)

York* (11/16)

SIOE (6/19)

EEA (8/17)

Midwest Law & Econ (9/16)

CELS (11/18)

Econometric Society (6/17)

Tilburg Psych & Econ (8/16)

ExLing (8/18)

Rochester* (12/16)

Kandersteg (6/16)

Society of Labor Econ+ (5/18)

Toronto* (11/16)

CELSE+ (6/16)

NYU (Data Science) [†] (5/16)	Michigan (3/16)	Glasgow [*] (Linguistics) (8/15)
Paris (5/16)	EUI (2/16)	CEA [*] (5/15)
ASREC (5/16)	Stockholm (2/16)	Linguistics Society [*] (1/15)
Chicago (Linguistics) (4/16)	Amsterdam (2/16)	Toronto [*] (10/14)
Chicago (4/16)	Toulouse (1/16)	Laboratory Phonology [*] (7/14)

(5) [Mimicry: Phonetic Accommodation Predicts U.S. Supreme Court Votes](#)
[Individual Fluctuations in Sibilant Coarticulation in a Longitudinal Corpus](#)
[A Longitudinal Examination of Individual Variation in Sibilant Coarticulation and Change](#)
[Investigating Variation in English Vowel-to-Vowel Coarticulation in a Longitudinal Phonetic Corpus](#)

ExLing (8/18)	Sante Fe Institute (12/17)	Phonetic Sciences (8/15)
Linguistics Society [*] (1/18)	Kandersteg (6/16)	Linguistics Society [*] (1/15)
Computation Linguistics [*] (1/15)	NYU (Data Science) [†] (5/16)	

(6) [Implicit Egoism in Sentencing Decisions: First Letter Name Effects with Randomly Assigned Defendants](#)

SPUDM [*] (8/19)	European Law & Econ (9/17)	Lund Identity, Image, Economic Behavior (10/16)
Toulouse (1/19)	CELS (11/16)	

(7) [Sclerotization of the Judiciary: Judicial Exits from the U.S. Courts of Appeals are Politically Motivated](#)

CELS (11/16)

(8) [Clash of Norms: Judicial Leniency on Defendant Birthdays](#)

CELS (11/19)	Toulouse [*] (11/17)	Toulouse [*] (6/17)
--------------	-------------------------------	------------------------------

(9) [Implicit Bias in Supreme Court Speech: Inferences of Gender Attitudes from Vocal Patterns Predict Judicial Decisions](#)

ExLing [*] (8/18)	Sante Fe Institute (12/17)	NYU (Data Science) [†] (5/17)
----------------------------	----------------------------	--

(10) [Tone of Voice Predicts Political Attitudes: Evidence from U.S. Supreme Court Oral Arguments](#)

Sante Fe Institute (12/17)	NYU (Data Science) [†] (5/17)
----------------------------	--

(11) [Law vs. Fact: Motivated Reasoning and Judicial Fact Discretion](#)

NYU (Data Science)^{*} (5/17)

(12) [Best to be Last: Serial Position Effects in Legal Decisions in the Field and in the Lab](#)

Technion [*] (11/19)	CELS [*] (11/19)
-------------------------------	---------------------------

VI. JUDICIAL ANALYTICS AND BEHAVIORAL FOUNDATIONS OF POLARIZATION

[AI and Complex Decision Making](#) – Airbus (5/19)

[Microsoft Data Science and Law Forum](#) (9/18)

2018 Heremans Lectures in Law & Economics – KU Leuven (3/18)

[Computational Legal Studies](#) – Sante Fe Institute (12/17)

[Machine Learning, Law, and Judicial Analytics](#) – Bloomberg Law (4/17)

(1) [Affirm or Reverse? Using Machine Learning To Help Judges Write Opinions](#)

[Precedent vs. Politics? Case Similarity Predicts Supreme Court Decisions Better Than Ideology](#)

[Predicting Reversals: Judicial Innovation and Fact Discretion](#)

NYU (Data Science) [†] (5/17)	Harvard (11/08) [†]
--	------------------------------

(2) [Is Ambiguity Aversion a Preference?](#)

[Testing Axiomatizations of Ambiguity Aversion](#)

Econometric Society [*] (6/14)	ESA (6/14)	ETH Zurich (4/14)
Social Choice & Welfare (6/14)	Found of Utility & Risk (6/14)	Zurich Lab Design (10/13)

(3) [What Matters: Agreement Between U.S. Courts of Appeals Judges](#)

NeurIPS [*] (12/16)	Kandersteg (6/16)	Barcelona GSE–Science & Innovation (6/16)
CELS (11/16)		

NYU (Data Science)[†] (5/16)

(4) [Mapping the Geometry of Law using Document Embeddings](#)

Predicting Punitiveness and Disparities in Sentencing from Judicial Corpora

Sante Fe Institute* (12/17)

NYU (Data Science)[†] (5/17)

(5) [Learning Policy Levers: Toward Automated Policy Classification Using Judicial Corpora](#)

Hong Kong* (7/18)

NYU (Data Science)[†] (5/17)

(6) [Judicial Inattention: Machine Prediction of Appeal Success in U.S. Asylum Courts](#)

Gothenberg (11/19)

Barcelona GSE–Forecasting Crisis
(6/19)

AFED (10/18)

[Quantitative Evaluation of Factors Affecting Tumor Size Reduction on Wide Angle Fundus Camera following Retinoblastoma Chemosurgery](#)

Society of NeuroInterventional Surgery* (7/19)

VII. DETER OR SPUR? BRITISH EXECUTIONS DURING WORLD WAR I

2018 Heremans Lectures in Law & Economics – KU Leuven (3/18)

[Inaugural Lecture](#), ETH Zurich (10/13)

(1) [The Deterrent Effect of the Death Penalty? Evidence from British Commutations During World War I](#)

American Law & Econ (5/17)

Stockholm (9/15)

Amsterdam (9/12)

Oxford (Criminology) (2/17)

Notre Dame (9/15)

AEA (1/12)

Warwick (2/17)

Stanford (11/14)

APPAM (11/11)

King's (10/16)

Kent (3/14)

Chicago (10/11)

Vanderbilt (9/16)

Zurich (11/13)

Transatlantic Economics of Crime

Midwest Law & Econ (9/16)

Bar Ilan (6/13)

Workshop (10/11)

Econometric Society (6/16)

Hebrew (5/13)

Duke (9/11)

Kandersteg (6/16)

Society of Labor Econ (5/13)

European Law & Econ (9/11)

CELSE (6/16)

Royal Economic Society (4/13)

American Law & Econ (5/09)

Oxford (5/16)

MPSA (4/13)

Harvard[†] (11/08)

ASREC (3/16)

Bonn (11/12)

Harvard[†] (10/08)

Boston College (11/15)

George Mason (11/12)

Harvard[†] (10/08)

Berkeley (10/15)

USC (11/12)

CELS (9/08)

Chapman (10/15)

Irvine (10/12)

Harvard[†] (4/08)

Toulouse (10/15)

Mannheim (10/12)

International CELS⁺

VIII. DIFFERENCE IN INDIFFERENCE: LEGITIMACY, LAW, AND RECOGNITION-RESPECT

[DE JURE Data and Evidence for Justice Reform](#) (World Bank, South Korea, DFID, India, France, American Bar Association) (9/20, 10/20, 11/20, 12/20⁺, 1/21, 9/21)

[Chile Judiciary](#)⁺ (3/20)

[Microsoft Data Science and Law Forum](#)⁺ (3/20)

[World Bank Bureaucracy Lab Launch](#) (10/19)

[European Court of Justice](#) (3/19)

[Keynote](#), French Law and Economics Association (10/18)

[Keynote](#), European Law and Economics Association (9/18)

Princeton, Kahneman-Treisman Center for Behavioral Science & Public Policy (5/18)

2018 Heremans Lectures in Law & Economics – KU Leuven (3/18)

(1) [Tastes for Desert and Placation: A Reference Point-Dependent Model of Social Preferences](#)

[Hard and Soft Betrayals](#)

ESA* (7/09)

Kauffman Foundation (7/09)

Berkman Center* (5/09)

(2) [The Economics of Crowdsourcing: A Theory of Disaggregated Labor Markets](#)

Confusing Average and Marginal Tax Rates: Experimental Evidence

Kauffman Foundation (7/09)

(3) Designing Incentives for Inexpert Human Raters

Are Online Labor Markets Spot Markets for Tasks? A Field Experiment on the Behavioral Response to Wages Cuts

ESA (6/12)

ACM Computer Supported
Cooperative Work (3/11)

Kauffman Foundation (7/09)

(4) 'Not that Smart': Sonia Sotomayor and the Construction of Merit

White Privilege in Law? The Reproduction of Racial Hierarchy in Sentencing Disparities

Duke (9/11)

(5) Early Predictability of Asylum Court Decisions

Can Machine Learning Help Predict the Outcome of Asylum Adjudications?

Endogenous Information Acquisition: Using Wikileaks State Department Cables to Predict Asylum Decisions

NYU (Data Science)[†] (5/17)

Kandersteg (6/16)

ICAIL (6/17)

NYU (Data Science)[†] (5/16)

(6) Algorithms as Prosecutors: Lowering Rearrest Rates Without Disparate Impacts and Identifying Defendant Characteristics 'Noisy' to Human Decision-Makers

How Prosecutors Exacerbate Racial Disparities: Screening Gaps, Race Effects, and Courtrooms Interactions

ICAIL^{*} (6/19)

CELSE (6/18)

Toulouse (9/17)

TSE (Machine Learning) (9/18)

Southampton (5/18)

NYU (Data Science)[†] (5/17)

Found of Utility & Risk^{*} (6/18)

Digital Economics (TSE) (1/18)

Lund Identity, Image, Economic

Barcelona GSE–Digital Economy
(6/18)

Sante Fe Institute (12/17)

Behavior (10/16)

SIOE (6/18)

NeurIPS[†] (12/17)

UPenn (10/17)

(7) The Strategic Display of Emotions

Law and Literature: Theory and Evidence on Empathy and Guile

Toulouse^{*} (11/18)

Vienna^{*} (3/18)

Amsterdam^{*} (7/17)

UCSD^{*} (3/18)

Tilburg^{*} (3/18)

(8) Incremental AI

European Commission (10/19)

Israel (6/20)

IX. DEMOGRAPHY OF IDEAS

Keynote, Max Planck Institute Games, Experiments, and Philosophy Conference (1/08)

(1) Income Distribution Dynamics with Endogenous Fertility

IIASA (7/06)

NBER Fluct & Growth^{*} (2/00)

AEA^{*} (1/99)

European Young Economist's
Conference (4/00)

Oxford[†] (10/99)

Chicago, MIT, Michigan^{*}

Federal Reserve Board (6/99)

(2) Can Countries Reverse Fertility Decline? Evidence from France's Marriage and Baby Bonuses, 1929-1981

MIT[†] (8/01)

(3) Trading Off Reproductive Technology and Adoption: Do IVF Subsidies Decrease Adoption Rates?

Stanford-Yale Junior Faculty Forum
(6/10)

Law & Society (6/10)
CELS (11/09)

Harvard[†] (3/08)

Conference on Adoption Law^{*}

(4) How Does Science Progress? A Statistical Approach to Postmodern Theories of Knowledge

Barcelona GSE–Science &
Innovation (6/16)

Harvard HPAIR (4/08)
Pittsburgh[†] (Philosophy)

National University of Mongolia[†]

(5) The Genealogy of Ideology: Identifying Persuasive Memes and Predicting Agreement in the U.S. Courts of Appeals Is Ideology Infectious? Evidence from Repeated Random Exposure in the U.S. Courts of Appeals

Mitosis of Ideology: Integration and Assimilation or Dis-integration, Radicalization, Other-ing, and Egotism?

ICAIL (6/17) CELS (11/16) NYU (Data Science)[†] (5/16)
TSE Big Data (12/16) Kandersteg (6/16)

(6) Motivated Reasoning in the Field: Polarization of Precedent, Prose, Vote, and Retirement in U.S. Circuit Courts, 1800-2013

Supreme Court Vacancies and Discretionary Opinion Writing in Federal Circuit Courts

SPUDM* (8/19) American Law & Econ (5/19) Canadian Law & Econ* (9/18)
European Economic Association (8/19) Oslo—Machine Learning and Toulouse (7/18)
Econometric Society (6/19) Network Analysis in Law (10/18) Toronto[‡] (3/18)
European Law & Econ (9/18) APSA* (8/17)

(7) Cluster Analysis Using Genetic Algorithms

Edinburgh Parallel Computing Centre (8/97)

(8) Morphological Segmentation in Virtual Bronchoscopy

National Institutes of Health (8/96)

(9) A Problem of Spectral Factorization

MIT Research Science Institute (7/94)

(10) An Empirical Study Comparing the Controlled Random Search Procedure and the General Simulated Annealing Method for Function Optimization

National Center for Supercomputing Applications (7/93)

(2021) World Bank, Institute for Advanced Study in Toulouse, New Economic School, Aix-Marseille

[†] Student workshop, [‡] Contributor, ^{*} Unable to present

OTHER POSITIONS

Harvard University

Brigham and Woman's Hospital, Collaborator, 2018–2020
Wertheim Fellow, Harvard Law School, Labor and Worklife Program, 2015–2018
Visiting Scholar, Economics Department, Winter 2012–2013

UCSD

Visitor, Economics Department and Rady School, 2019–2020

Justice Innovation Lab

Partner, 2020–

NBER

Visitor, Winter/Summer, 2012– U.S. Census Special Sworn Researcher, 2012–2017

Amsterdam, Tinbergen Institute

Center for Research on Experimental Economics and Political Decision-Making, Summer 2016

Hebrew University

Visiting Professor of Law, May 2013

ETH Zurich

Center for Law and Economics, 2012–2015

Duke University

Population Research Institute Affiliate, 2010–2012

University of Chicago

Kauffman Fellow, Law School, 2009–2010 Lecturer, Economics Department, 2004–2005
Postdoctoral Fellow, 2004–2006 Population Research Center Affiliate, 2005–2006

UCLA

Global Fellow, 2005

Oxford University

Visitor, Nuffield College, 1999–2000

Work Experience (Summer)

Skadden, Arps, Slate, Meagher, & Flom LLP, 2008 NERA Economic Consulting, 2006

International Child Support Africa, 1999

World Bank, 1998

Cornerstone Research, 1997

Short-term Visits

Rice, 8/18; Princeton, 5/18; Microsoft Research–NYC, 9/16; Amsterdam, 2/16; Toronto, 12/15; Bonn, 11/15

EXPERIENCE

Research Assistant for Andrei Shleifer (2006–2009)

Disclosure by Politicians, [American Economic Journal: Applied Economics](#)

The Evolution of a Legal Rule, [Journal of Legal Studies](#)

Research Assistant for Eric Maskin (Summer 2000)

Sequential Innovation, Patents, and Innovation, [RAND Journal of Economics](#)

Markov Perfect Equilibrium, I: Observable Actions, [Journal of Economic Theory](#)

Research Assistant for Michael Kremer (1998–2001)

Randomized control trials with schools in Kenya:

Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities, [Econometrica](#)

Peer Effects and the Impacts of Tracking: Evidence from a Randomized Evaluation in Kenya,

[American Economic Review](#)

Many Children Left Behind? Textbooks and Test Scores in Kenya, [American Economic Journal: Applied Economics](#)

School Governance, Teacher Incentives, and Pupil-Teacher Ratios: Experimental Evidence from Kenyan Primary Schools,

[Journal of Public Economics](#)

Research Assistant for Andrew Metrick (1996–1998)

Institutional Investors and Equity Prices, [Quarterly Journal of Economics](#)

Research Assistant for Ronald Summers (1996)

Virtual Bronchoscopy: Segmentation Method for Real-Time Display, [Radiology](#)

Pro Bono, Williams Institute, UCLA (2008)

Evidence of Persistent and Pervasive Workplace Discrimination Against LGBT People, [Loyola Law Review](#)

Austrian Academy of Sciences (July 2006)

White House Council of Economic Advisors, Staff Economist (2000) [declined]

Founder, Boston Refugee Youth Enrichment Extension (1998–1999) (math-sciences program)

Director and Teacher, Boston Refugee Youth Enrichment (1996–1998)

- AmericaReads Community Service Award (1999)

INVITED DISCUSSIONS (last update 2019)

MIT (10/19) Political Behavior of Development Conference, E. Ash, F. Shen-Bayh, R. Kitagawa

APSA (8/19) Decision Making Among Political Elites, J. Dunaway, B. Bakker, S. Soroka, K. Arceneaux, P. Waggoner, S. Li

TSE (6/18) [Loyalty and Agency in Economic Theory](#), R. Brooks

TSE (6/18) [Optimized Reference-Dependent Utility](#), P. Wikman

CELSE (6/18) [Judicial Decisions of the European Court of Human Rights: Looking into the Crystal Ball](#), M. Medveda, M. Vols, M. Wieling

TSE (5/18) [Reputation for Competence: An Empirical Analysis of FOMC Deliberations](#), M. Iaryczower, G. Lopez-Moctezuma

TSE (6/17) Inequality, Resources, and Social Relations, M. Fleurbaey

AEA (1/17) [Religion and Depression in Adolescence](#), J. Cooley, S. Iyer, [Journal of Political Economy](#)

CELSE (6/16) [Refugee Roulette Revisited: Judicial Preference Variation and Aggregation on the Swiss Federal](#)

[Administrative Court 2007-2012](#), D. Hangartner, B. Lauderdale, J. Spirig

TSE (6/16) [Social Media and Political Donations: Evidence from Twitter](#), M. Petrova, A. Sen, and P. Yildirim, [Management Science](#) RR

TSE Mapping Political Preferences (3/16) The Political Legacy of American Slavery, A. Acharya, M. Blackwell, and M. Sen, *Journal of Politics*; Why did the Democrats Lose the South? Using New Data to Resolve an Old Debate, I. Kuziemko and E. Washington, *American Economic Review*

TSE Intellectual Property Conference (1/16) *Economics of the Right to be Forgotten*, B. Kim and J. Kim, *Journal of Law and Economics*

CELS (10/15) *The Glass Cliff: Are Women Disproportionately Appointed to Run Troubled Firms?*, K. Litvak

ALEA (5/15) *Intrinsic Motivation in Public Service: Theory and Evidence from State Supreme Courts*, E. Ash and W. B. MacLeod, *Journal of Law and Economics*

ASREC (3/15) Clerics and Sermons: An Experiment on the Effect of Religious Authority on Giving in Afghanistan, L. Condra, M. Isaqzadeh, S. Linardi

CELS (11/14) *Does Immigration Enforcement Reduce Crime? Evidence from Secure Communities*, A. Cox and T. Miles, *Journal of Law and Economics*

MPSA (4/13)

AEA (1/12) *Religious Identity and Economic Behavior*, D. Benjamin, J. Choi, and G. Fischer, *Review of Economics and Statistics*

Transatlantic Workshop on the Economics of Crime (10/11) *The Effect of Arrest on Income*, O. Marie

ELEA (12/11)

MPI New Institutional Economics (6/11) Does Contract Disclosure Matter?, F. Marotta-Wurgler, *Journal of Institutional and Theoretical Economics*

ASREC (3/11)

NBER Law & Econ (3/11) *On the Optimality of Shareholder Control: Evidence from the Dodd-Frank*, J. Cohn, S. Gillan, and J. Hartzell, *Journal of Finance*

CELS (11/10) *The Misunderstood Consequences of Shelley v. Kraemer*, Y. Kucheva and R. Sander, *Social Science Research*

CELS (11/09) *The Economics of Rape: Will Victims Pay for Police Involvement?*, J. Matsudaira and E. Owens

MEA (3/08)

AEA⁺ (1/08) Segregation, Rent Control and Riots: The Economics of Religious Conflicts in an Indian City, E. Field, R. Pande, and S. Visaria, *American Economic Review* PP

NEUDC (9/05)

CESifo Political Economy and Development (7/05)

OTHER

Languages: Fortran/HPF, C/C++, LISP, Perl, Matlab, SAS, S-plus, Mathematica, Limdep, Basic/VB, R, Assembly, Pascal, Stata, AVS	American Computer Science League top score, 1994 Maryland Piano Concerto Competition Winner, 1994 Maryland All-State Violinist, 1993
USA Math Olympiad Qualifier, 1993, 1994, 1995	NSF Supercomputing Competition Winner, 1993

ADVISING (former research group members by cohort)

High School (Montgomery Blair):
Tom Chi (Google X Co-Founder)
David Rosenberg (Sense Networks and YP Mobile Labs Chief Scientist, Bloomberg, Chief Data Scientist at Hawkfish)

Undergraduate (Harvard, MIT, UPenn, Toronto, Zurich):
Michael Boutros (Duke Economics PhD, Bank of Canada)
Daniel Brenner (Harvard Applied Mathematics MS)
Brian Chen (Harvard Economics PhD, Goldman Sachs)
David Costigan (AQR, Harvard Law JD, Harvard Statistics MS)
Colin Cross (Google)
Cheng Gao (Harvard Business School PhD, Michigan Business School tenure-track)
Will Gaybrick (Yale JD, Hunch Founder, Thrive Capital Partner, Stripe CFO/CPO)
Ronald Kamdem (Morgan Stanley)
Scott Kominers (Harvard Business School PhD, Chicago Becker Friedman, Junior Society of Fellows, Harvard Business School tenure-track)
Da Lin (Harvard Applied Mathematics MS, Harvard JD, Harvard Climenko, Richmond Law tenure-track)
Raphael Nehmer (LSE Mathematical Economics MSc)
Eric Reinhart (Harvard Social Anthropology PhD, University of Chicago MD, Chicago Psychoanalytic Institute, School of the Art Institute of Chicago lecturer, Northwestern Psychiatry)
Natalia Rigol (MIT Economics PhD, Harvard Business School tenure-track)
Tarun Singh (Google)

Chris Wickens (Microsoft, oTree)
 Chengzi Xu (Harvard Economics PhD, Stanford Business School tenure-track)
 Josh Zagorsky (Zagaron Founder/CEO)

Pre-doc (DE JURE, ETH, Michigan):
 Luca Braghieri (Stanford Economics PhD, LMU Munich tenure-track)
 Stefan Bucher (NYU Economics PhD)
 Brian Daza (Michigan Economics PhD)
 Sarah Eichmeyer (Stanford Economics PhD, LMU Munich tenure-track)
 Jimmy Graham (NYU Political Science PhD)
 Linfeng Li (Michigan Information PhD)
 Kelly Reeves (ETH Zurich Biostatistics MS)
 Beatriz Ribeiro (LSE Economics PhD)
 Alexander Sandukovskiy (biotech startup)
 Florian Schneider (Zurich Economics PhD)
 Kartik Srivastava (Harvard Kennedy PhD)
 Michal Zator (Northwestern MEDS PhD, University of Notre Dame tenure-track)

Master (Chicago, Duke, ENS-Cachan, NYU, Toulouse, Zurich):
 Aroha Bahuguna (World Bank)
 Matthew Dunn (LivePerson Chief Data Scientist)
 Benjamin Jakubowski (NYU Computer Science PhD)
 Manish Kumar (Google Brain)
 Matthew Mauer (IvySys)
 Vishal Motwani (Salesforce AI)
 Li Li (Duke Economics PhD)
 Shuya Li (Carnegie Mellon Economics PhD)
 Yutong Li (Boston University Business PhD)
 Wei Lu (Toronto Business PhD)
 Martin Mugnier (ENS Ecole Polytechnique Econometrics PhD)
 Adithya Parthasarathy (Facebook)
 Shivam Verma (Twitter)
 Phil Yeres (Nvidia)
 Yichong Zhang (Duke Economics PhD, Singapore Management University tenure-track)

Law (Duke):
 Alberto Araiza (Morrison & Foerster)
 Taylor Auten (Sullivan & Cromwell)
 Marc Collier (Gibson Dunn)
 Ned Dix (Covington & Burling)
 Michael Mooney (Eleventh Circuit Clerkship)
 Jennifer Swearingen (Southern District of New York Clerkship, Quinn Emmanuel)

Doctoral (Berkeley, ETH, Georgetown, Harvard, MIT, NYU, Stanford, Washington):
 Carlos Berdejo (Loyola Law tenure)
 Jens Frankenreiter (Harvard LLM, Max Planck Institute, Columbia Law Fellow, Washington University Law tenure-track)
 John Horton (NYU Stern tenure-track, MIT Sloan tenure-track)
 Vardges Levonyan (Zurich Economics post-doc)
 David Rand (Yale Psychology/Economics/Cognitive Science tenure, MIT Sloan tenure)
 Levent Sagun (Simons Collaboration on Cracking the Glass Problem, Facebook AI)
 Jasmin Sethi (Tenth Circuit Clerkship, Securities and Exchange Commission, Blackrock)
 Aaron Shaw (Northwestern Sociology/Communications tenure-track)

Post-doc (Chicago, Duke, ETH, EUI, Harvard, Princeton, Toulouse, Warwick):
 David Abrams (University of Pennsylvania Law, Business Economics, Public Policy tenure)
 Elliott Ash (Warwick Economics tenure-track, ETH Zurich Law, Economics, Data Science tenure-track)
 Boris Babic (Toronto Philosophy and Statistics tenure-track)
 Glenn Cohen (Harvard Law tenure)
 Damian Kozbur (Zurich Economics tenure-track)
 Markus Loecher (Berlin HWR Statistics tenure)
 Sultan Mehmood (New Economic School tenure-track)
 Moti Michaeli (Haifa Economics tenure-track)
 Arianna Ornaghi (British Academy, Berlin School of Economics)

Arnaud Philippe (Bristol Economics tenure-track)
Martin Schonger (Lucerne tenure-track)
Michal Soltes (CERGE-EI Law tenure-track)
Glen Taksler (Cleveland Clinic tenure-track)
Susan Yeh (George Mason Law tenure-track, Charles River Associates)

OTREE (last update in 2016)

oTree is used in Australia (Melbourne, Newcastle, Perth, Queensland), Austria (Innsbruck, Vienna), Belgium (Leige), Canada (Guelph, Toronto), China (Beijing), Czech (Prague), Finland (Aalto), France (CReA Defense, Lille, Montpellier, Nice, Toulouse), Germany (GfK Marketing Research, Mannheim, Munich), Hungary (Academy of Sciences), Italy (Bologna, European University Institute), Japan (Tokyo), Kenya (Nairobi), Korea (Seoul), Netherlands (Amsterdam, Maastricht, Nijmegen, Tilburg, United Nations University, Utrecht), Norway (Norwegian School of Economics), Russia (RANEP), South Africa (Pretoria), Spain (Madrid, Malaga, Valencia, Zaragoza), Sweden (Gothenburg, Stockholm), Switzerland (ETH, Geneva, Lausanne, Zurich), U.K. (Cambridge, Lancaster, Oxford), and U.S. (Boston College, Carnegie-Mellon, Colby, Columbia, Google, Iowa State, Michigan State, Northwestern, NYU, Ohio State, Princeton, Treasury Department, UC-Irvine, UCSC, UCSD, University of Chicago, Vanderbilt, Stanford, Yale), in conjunction with [ERC Horizon 2020](#) project to design software for large-scale networks, voting, macroeconomics, and mixed agent-based experiments in economics and psychology, and used with subject recruitment platform for [global experiments](#). <https://groups.google.com/forum/#!forum/otree>; <https://github.com/oTree-org>; <https://pypi.python.org/pypi/otree-core/0.5.0.dev5>

Date of birth: December 14, 1977
Last [Update](#), October 2021