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Current Appointments

2018– Columbia University
Paul J. Evanson Professor of Law
2012– National Bureau of Economic Research
Faculty Research Associate

Past Appointments

Fall 2017 Columbia University
Samuel Rubin Visiting Professor of Law
2013–14 European Central Bank (Banco de España)
Economist
2010–18 University of California, Berkeley
Professor of Law
2008–10 Assistant Professor of Law
2014–17 Director, Social Sciences Data Laboratory (D-Lab)
2003–07 University of Michigan
Assistant Professor, Gerald R. Ford School of Public Policy
2003–07 Assistant Professor, Department of Economics (courtesy)
2006–12 National Bureau of Economic Research
Faculty Research Fellow
1996–98 Federal Reserve Bank of New York
Assistant Economist

Government Service

2022– Securities and Exchange Commission
Signatory, Intergovernmental Personnel Agreement
2013–14 European Central Bank (Banco de España)
Economist
2000–16 Equal Employment Opportunity Commission
Signatory, Intergovernmental Personnel Agreement
1996–98 Federal Reserve Bank of New York
Assistant Economist

Education

Ph.D. Economics, University of California, Berkeley, 2003
A.B. Public Policy, Princeton University, 1996

Working Papers

Tiny Trades, Big Questions: Fractional Shares (with Robert P. Bartlett and Maureen O'Hara)

A Fractional Solution to a Stock Market Mystery (with Robert P. Bartlett and Maureen O'Hara)

The Market Inside the Market: Odd-lot Quotes (with Robert P. Bartlett and Maureen O'Hara)
Under review

Articles

Valid t -ratio Inference for IV (with David S. Lee, Jack Porter, and Marcelo Moreira)
American Economic Review, Volume 112, Number 10, October 2022

A Practical Proactive Proposal for Dealing with Attrition: Alternative Approaches and an Empirical Example
(with John DiNardo, Jordan Matsudaira, and Lisa Sanbonmatsu)
Journal of Labor Economics, Volume 39, Number S2, April 2021

The Impact of the Coronavirus Lockdown on Domestic Violence (with Sarath Sanga)
American Law and Economics Review, Volume 23, Issue 1, Spring 2021

Copyright and Economic Viability: Evidence from the Music Industry (with Kristelia Garcia and James Hicks)
Journal of Empirical Legal Studies, Volume 14, Issue 4, December 2020

Subsidizing Liquidity with Wider Ticks: Evidence from the Tick Size Pilot Study (with Robert P. Bartlett)
Journal of Empirical Legal Studies, Volume 17, Issue 2, June 2020

Why We Need Police (with Deepak Prekumar)
Chapter 3 in *Cambridge Handbook of Policing in the United States*, Cambridge University Press, June 2019

A Reconsideration of Copyright's Term (with Kristelia A. Garcia)
Alabama Law Review, Volume 71, Issue 2, 2019, pp. 351-406

How Rigged Are Stock Markets?: Evidence from Microsecond Timestamps (with Robert P. Bartlett)
Journal of Financial Markets, Volume 45, September 2019

Dark Trading at the Midpoint: Does SEC Enforcement Policy Encourage Stale Quote Arbitrage? (with Robert P. Bartlett)
Journal of Law, Finance, and Accounting, Volume 4, Issue 2, 2019

Are U.S. Cities Underpoliced?: Theory and Evidence (with Aaron Chalfin)
Review of Economics and Statistics, Volume 100, Number 1, March 2018

Unmarked?: Criminal Record Clearing and Employment Outcomes (with Jeff Selbin and Joshua Epstein)
Journal of Criminal Law and Criminology, Volume 108, Issue 1, 2018

Criminal Deterrence: A Review of the Literature (with Aaron Chalfin)
Journal of Economic Literature, Volume 55, Number 1, March 2017 (lead article)

The Deterrence Effect of Prison: Dynamic Theory and Evidence (with David S. Lee)
Advances in Econometrics, Volume 38, Chapter 3, 2017
2018 Emerald Literati Award, Outstanding Author Contribution

The Ph.D. Rises in American Law Schools, 1960-2011: What Does It Mean for Legal Education?
(with Joy Milligan and James Phillips)
Journal of Legal Education, Volume 65, Number 543, Spring 2016

Conservative Tests Under Satisficing Models of Publication Bias (with Garret Christensen and Daniele Fanelli)
PLOS One, Volume 11, Number 2, February 22, 2016

New Evidence on the Finite Sample Properties of Propensity Score Matching and Reweighting Estimators (with Matias Busso and John DiNardo)
Review of Economics and Statistics, Volume 96, Number 5, December 2014

Measuring Benchmark Damages in Antitrust Litigation (with Daniel L. Rubinfeld)

Journal of Econometric Methods, Volume 3, January 2014

Do Sexually Violent Predator Laws Violate Double Jeopardy or Substantive Due Process: An Empirical Inquiry (with Tamara Lave)

Brooklyn Law Review, Volume 78, Summer 2013, Number 4, 1391–1439

General Equilibrium Effects of Prison on Crime: Evidence From International Comparisons (with Sarath Sanga)

Cato Papers on Public Policy, Volume 2, 2012

The Effect of Female Education on Fertility and Infant Health: Evidence from School Entry Laws Using Exact Date of Birth (with Heather Royer)

American Economic Review, Volume 101, Number 1, February 2011

Comment on “Free to Punish? The American Dream and the Harsh Treatment of Criminals”, by Rafael di Tella and Juan Dubra

Cato Papers on Public Policy, Volume 1, 2011

Dynamic Perspectives on Crime

in *Handbook of the Economics of Crime*, Chapter 4, Edward Elgar, 2010

Incomes in South Africa Since the Fall of Apartheid (with Murray Leibbrandt and James Levinsohn)

Journal of Globalization and Development, Volume 1, Issue 1, January 2010

Following Germany’s Lead: Using International Monetary Linkages to Estimate the Effect of Monetary Policy on the Economy (with Julian di Giovanni and Till von Wachter)

Review of Economics and Statistics, Volume 91, Number 2, May 2009

Manipulation of the Running Variable in the Regression Discontinuity Design: A Density Test

Journal of Econometrics, Volume 142, Issue 2, February 2008

The Effect of Court-Ordered Hiring Quotas on the Composition and Quality of Police

American Economic Review, Volume 97, Number 1, March 2007

Using Electoral Cycles in Police Hiring to Estimate the Effect of Police on Crime: Comment

American Economic Review, Volume 92, Number 4, September 2002

Books

Controlling Crime: Strategies and Tradeoffs (co-edited with Phil Cook and Jens Ludwig), Chicago: University of Chicago Press, 2011.

Courses Taught

Columbia

2021-2022 L6293: Antitrust (Fall, Spring); L6917: Litigation, Economics, and Statistics (Fall); L2631: Corporations (Fall)
 2020-2021 L6293: Antitrust (Fall); L6917: Litigation, Economics, and Statistics (Fall); L2631: Corporations (Spring)
 2019-2020 L6293: Antitrust (Fall); L6917: Litigation, Economics, and Statistics (Fall); EL7010: American Corporate Law (Summer)
 2018-2019 L6917: Litigation, Economics, and Statistics (Fall); L2631: Corporations (Spring)
 2017-2018 L2631: Corporations (Fall)

Berkeley

2016-2017 Law 216: Law, Economics, and Business Workshop (Fall); Law 218.6: Law and Economics of Discrimination (Fall); Law 244.4: Litigation and Statistics (Fall); Law 286.2: Race, Policing, and Data Science (Spring)
 2015-2016 Law 250: Business Associations (Fall); Law 244.4: Litigation and Statistics (Fall); Letters and Science 39D: Race, Policing, and Data Science (Fall)
 2014-2015 Law 250: Business Associations (Fall); Law 250S: Business Associations (Summer)
 2013-2014 Law 250S: Business Associations (Summer)
 2012-2013 Law 250: Business Associations (Fall); Law 250S: Business Associations (Summer); Law 209.3: Introductory Statistics (Fall)
 2011-2012 Law 250: Business Associations (Fall); Law 250S: Business Associations (Summer); Law 209.3: Introductory Statistics (Fall); Law 251.31: Introduction to Law, Economics, and Business (Spring); Legal Studies 145: Law and Economics I (undergraduate)
 2010-2011 Law 250: Business Associations (Fall); Law 250S: Business Associations (Summer); Law 216: Law and Economics Workshop (Fall and Spring); Legal Studies 145: Law and Economics I (undergraduate); Law 209.6: Topic in Quantitative Methods (JSP); Econ 250C: Labor Economics (graduate, shared course with 209.6)
 2009-2010 Law 216: Law and Economics Workshop (Fall and Spring); Law 209.32: Quantitative Methods II (JSP)
 2008-2009 Legal Studies 145: Law and Economics I (undergraduate); Law 209.3: Quantitative Methods I (JSP); Law 209.32: Quantitative Methods II (JSP)
 2007-2008 Legal Studies 145: Law and Economics I (undergraduate); Law 209.3: Quantitative Methods I (JSP)

Michigan

Introduction to Quantitative Methods (policy), First Econometrics Field Course (economics), Advanced Economic Theory (policy)

Service

Columbia

2021-2022 Member, Entry-Level Appointments Committee
 2020-2021 Co-chair, Intellectual Life Committee
 2019-2020 Member, Library Committee

Berkeley

2014-2017 Faculty Director, D-Lab (Campus)

2008-2017 Member, Jurisprudence and Social Policy Program

2014-2017 Faculty Advisor, Matrix (Campus)

2016-2017 Chair, Law and Economics Reading Group

2015-2016 Member, Graduate Council (Campus)

2012- Member, Berkeley Center for Law, Business, and the Economy

2009-2014 Faculty Co-Director, Law and Economics Program

2015-2016 Chair, Financial Aid Committee

2015-2016 Member, Law and Economics Reading Group

2015-2016 Member, Chancellor's Campus Ad Hoc Review Committee (Campus)

2014-2015 Chair, Campus Data Working Group (Campus)

2014-2015 Member, JSP Graduate Program Committee

2014-2015 Member, JSP Program Committee

2014-2015 Member, Student Affairs Committee

2012-2013 Co-Chair, Law and Political Economy Ph.D. Program Strategy Group

2012-2013 Member, JSP Fellowships Committee

2011-2012 Member, Faculty Appointments Committee

2011-2012 Member, JSP Admissions Committee

2010-2011 Member, Academic Placement Committee

2010-2011 Member, Financial Aid Committee

2010-2011 Member, Ad Hoc Review Committee for Legal Studies Program

2009-2010 Faculty Director, Berkeley Center for Criminal Justice

Grants and Fellowships

2007-2010 NIH, Constructive Proposals for Dealing With Attrition (with John DiNardo)

2009 Committee on Research, Junior Faculty Research Grant, UC Berkeley

2006-2009 NIH, The Effect of Female Education on Fertility and Infant Health (with Heather Royer, Grant # R03 HD051713)

2006-2011 NSF, New Instrumental Variables Estimates of the Effects of Schooling and Military Service: Empirical Strategies Using Non-Public-Use Data (with Josh Angrist and Stacey Chen)

2005 RWJ Foundation Health and Society Scholars Program, Small Grant Program

2004 Rackham Interdisciplinary Grant, University of Michigan

2004 CLOSUP Grant, University of Michigan

2004 National Poverty Center Grant, University of Michigan

2002-2003 Chancellor's Dissertation Year Fellowship, UC Berkeley

Presentations

Prior to 2007–2008, presentations are at departments of economics, unless otherwise noted

- 2020–2021 University of Munich, Economics Department
- 2019–2020 Columbia University, School of Law
- 2018–2019 Columbia University, School of Law
- 2017–2018 Columbia University, School of Law
- 2016–2017 George Mason University, School of Law; University of Michigan, Economics Department (Summer, Fall); Equities Leaders Summit; University of Zürich, Department of Economics; ETH (Swiss Federal Institute of Technology) Zürich, Law and Economics; Northwestern University, School of Law; Duke University, School of Law; Duke University, Information Initiative
- 2015–2016 University of Virginia, School of Law; University of California, Berkeley, School of Law; National Bureau of Economic Research, Summer Institute
- 2014–2015 Duke University; Federal Reserve Bank of New York; Equal Employment Opportunity Commission (EEO-DataNet); American Law and Economics Association (discussant); New York University (NYU / Penn Law and Finance Conference); National Bureau of Economic Research, Summer Institute (discussant); Goldman Sachs
- 2013–2014 University of Southern California, School of Law; London School of Economics; Bank of Spain; CEMFI; Carlos III; University of Zaragoza; University of Rotterdam; University of Maastricht; University of Göteborg
- 2012–2013 University of California, Los Angeles, School of Law
- 2011–2012 University of Oregon, Department of Economics; University of British Columbia, Department of Economics; Brown University, Department of Economics; University of Rochester, Department of Economics; Cato Institute; National Bureau of Economic Research, Summer Institute; Harvard Law School
- 2010–2011 Northwestern, School of Law; University of Wisconsin, Department of Economics; Brookings Institution; Cato Institute
- 2009–2010 University of Chicago, School of Law; Cornell University, School of Law and Department of Economics; University of Michigan, School of Law and Department of Economics; University of Virginia, School of Law, Olin Conference
- 2008–2009 University of California, Los Angeles, School of Law; University of Arizona, School of Law and Department of Economics; Stanford University, School of Law and Department of Economics; University of Miami, Department of Economics
- 2007–2008 Northwestern University, School of Law; University of Michigan, Department of Economics; National Bureau of Economic Research, Summer Institute; Florida State University
- 2006–2007 University of Michigan, Program in Survey Methodology; Public Policy Institute of California; Brown University
- 2005–2006 University of Michigan; University of California, Irvine; University of California, Santa Barbara; University of California, Santa Cruz; California State University, Long Beach; University of Western Ontario; University of Toronto; University of Illinois, Chicago; University of Chicago, Graduate School of Business; APPAM; University of Florida; University of California, Berkeley, School of Law; Princeton University; RAND; Hebrew University (conference in honor of Reuben Gronau); Stanford University, University of Wisconsin, Madison; Northwestern University; Crime and Economics Summer Workshop, University of Maryland
- 2004–2005 Federal Reserve Bank of Chicago; University of Illinois, Urbana-Champaign; University of Michigan, William Davidson Institute; University of Maryland; Urban Institute; American Economics Association Meetings; City University of New York Health Economics Seminar; University of Wisconsin, Madison; Stanford University; University of California, Davis; University of California, Berkeley, Labor Lunch; NBER Summer Institute, Education/Labor Studies

- 2003–2004 University of Michigan; APPAM; NBER Labor Studies Meeting (Fall); Massachusetts Institute of Technology; Harvard University, Kennedy School; University of California, Los Angeles; University of California, San Diego; Columbia University; University of California, Berkeley; NBER Summer Institute, Monetary Policy; NBER Summer Institute, Labor Studies
- 2002–2003 University of California, San Diego; University of California, Los Angeles; RAND Institute; University of Chicago, Graduate School of Business; University of Chicago, Harris School of Public Policy; University of Michigan, Ford School of Public Policy; Columbia University; Dartmouth College; Federal Reserve Bank of New York; Boston University

Last updated: March 21, 2023