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CURRENT ACADEMIC APPOINTMENTS

Ford Foundation Professor of Economics, Yale University, 2005–present

Research Staff, Cowles Foundation for Research in Economics, 2003–present

Research Associate, National Bureau of Economic Research, 2007–present

International Fellow, Centre for Microdata Methods and Practice, University College, London, 2014–present

PRIOR ACADEMIC APPOINTMENTS

Visiting Scholar, Stanford University, 2008–2009

Faculty Research Fellow, National Bureau of Economic Research, 2001–2007

Professor of Economics, Yale University, 2003–2005

Professor of Economics, University of Wisconsin-Madison, 2002–2003

Visiting Assistant Professor of Economics, University of Chicago, 2001–2002

Assistant Professor of Economics, University of Wisconsin-Madison, 1996–2002

EDUCATION

Northwestern University, Ph.D. (Economics), 1996

Duke University, A.B. (Economics), 1988

RESEARCH GRANTS

National Science Foundation grant SES-0849336, 2009–2014, “Identification, Estimation, and Applications in Auction and Differentiated Products Markets”

National Science Foundation grant SES-0112047, 2001–2005, “Empirical Analysis of Auctions”

National Science Foundation grant SBR-9809082, 1998–2001, “Analysis of Auctions”

Wisconsin Alumni Research Foundation Grant, University of Wisconsin, 1997–1998

Dissertation Fellowship, Ameritech Foundation/Consortium for Research on Telecommunications Policy, 1995

PROFESSIONAL HONORS AND AWARDS

Fellow of the International Association for Applied Econometrics, elected 2019

Fellow of the Econometric Society, elected 2008

Vilas Associate, University of Wisconsin, 2003

Alfred P. Sloan Foundation Research Fellowship, 2002-2006

Shoemaker Fellowship, University of Wisconsin, 2002-2003

McKenzie Prize, Department of Economics, University of Wisconsin, 2001

REFEREED ARTICLES AND CHAPTERS

“Foundations of Demand Estimation,” with Steve Berry, in *Handbook of Industrial Organization*, Vol. 4, Kate Ho, Ali Hortaçsu, and Alessandro Lizzeri, eds., Elsevier, 2021, ch. 1, 3–62.

“Common Values, Unobserved Heterogeneity, and Endogenous Entry in U.S. Offshore Oil Lease Auctions,” with Giovanni Compiani and Marcelo Sant’Anna, *Journal of Political Economy*, 128, October 2020, 3872–3912.

“Unobserved Heterogeneity in Auctions,” with Yuichi Kitamura, *The Econometrics Journal*, 22, January 2019, C1-C19.

“Identification of Nonparametric Simultaneous Equations Models with a Residual Index Structure,” with Steve Berry, *Econometrica*, 86, January 2018, 289–215.

“Complementarity without Superadditivity,” with Steve Berry, Mark Israel, and Michael Katz, *Economics Letters*, 151, February 2017, 28–30.

“Identification in Differentiated Products Markets,” with Steve Berry, *Annual Review of Economics*, 8, October 2016, 27–52.

“Identification in Differentiated Products Markets Using Market Level Data,” with Steve Berry, *Econometrica*, 82, September 2014, 1749–1798.

“Connected Substitutes and Invertibility of Demand,” with Steve Berry and Amit Gandhi, *Econometrica*, 81, September 2013, 2087–2111.

“Recent Offshore Oil and Gas Lease Bidding: A Progress Report,” with Kenneth Hendricks and Robert Porter, *International Journal of Industrial Organization*, 28, July 2010, 390–396.

“On the Empirical Content of Quantal Response Equilibrium,” with Ali Hortaçsu and Grigory Kosenok, *American Economic Review*, 98(1), March 2008, 180–200.

“Nonparametric Approaches to Auctions,” with Susan Athey, *Handbook of Econometrics*, Vol. 6A, J. Heckman and E. Leamer, eds., Elsevier, 2007, ch. 60, 3847–3966.

“Empirical Models of Auctions,” with Susan Athey, *Advances in Economics and Econometrics, Theory and Applications: Ninth World Congress, Volume II*, Richard Blundell, Whitney Newey, and Torsten Persson, eds., Cambridge University Press, 2006, ch. 1, 1–45.

- “Inference with an Incomplete Model of English Auctions,” with Elie Tamer, *Journal of Political Economy*, 111 (1), February 2003, 1–51.
- “Auctions with Private Uncertainty and Resale Opportunities,” *Journal of Economic Theory*, 108 (1), January 2003, 72–110.
- “Identification of Standard Auction Models,” with Susan Athey, *Econometrica*, 70(6), November 2002, 2107–2140.
- “Managed Care Incentives and Inpatient Complications,” with Rebecca M. Stein, *Journal of Economics and Management Strategy*, 11(1), Spring 2002, 37–79.
- “Symmetric Separating Equilibria in English Auctions,” with Sushil Bikhchandani and John G. Riley, *Games and Economic Behavior*, January 2002, 38(1), 19–27.
- “Auctions with Resale Markets: An Application to U.S. Forest Service Timber Sales,” *American Economic Review*, June 2001, 91(3), 399–427.
- “Partial Pooling at the Reserve Price in Auctions with Resale Opportunities,” *Games and Economic Behavior*, November 2000, 33(2), 231–248.

WORKING PAPERS

- “Nonparametric Identification of Differentiated Products Demand Using Micro Data,” with Steve Berry, 2020.
- “Identification of a Nonparametric Generalized Regression Model with Group Effects,” with Steve Berry, 2010.
- “Nonparametric Tests for Common Values at First-Price Sealed-Bid Auctions,” with Han Hong and Matthew Shum, 2003.
- “Auctions with Resale,” 1999.

INVITED LECTURES (SELECTED)

- AEA Continuing Education course on Industrial Organization, January 2021.
- Juli Plant Grainger Distinguished Speaker, University of Wisconsin-Madison, 2018.
- The Econometrics Journal Special Session, Conference of the Royal Economic Society, 2017.
- Paired-Invited Session, European Meeting of the Econometric Society, 2012
- Lectures on Microeconomic Methods, Renmin University School of Economics, 2011
- Keynote Speaker, EC² Conference: Identification in Econometrics, Toulouse School of Economics, 2010
- Paired-Invited Session, Latin American Meeting of the Econometric Society, 2008
- Johnson Distinguished Lecturer, Duke University, 2007
- Paired-Invited Session, Ninth World Congress of the Econometric Society, 2005
- CEMMAP/ELSE Masterclass, Institute for Fiscal Studies, University College London, 2004

EDITORIAL/ADVISORY POSITIONS

Associate Editor, *The Econometrics Journal*, 2014–present

Associate Editor, *Econometrica*, 2007–2019

Board of Editors, *American Economic Journal: Microeconomics*, 2012–2016

Editor, *RAND Journal of Economics*, 2004–2010

Associate Editor, *RAND Journal of Economics*, 2003–2004

Associate Editor, *Journal of Industrial Economics*, 2002–2005

OTHER PROFESSIONAL SERVICE (SELECTED)

Co-organizer: Cowles Foundation Conference on Models and Measurement (2021), Cowles Foundation Conference on Structural Microeconomics, (multiple years); Conference in Honor of Robert Porter, 2017; NBER Winter Industrial Organization Program Meeting, 2016 ; Yale “Marketing-IO” Conference, 2013, 2015; Guanghua School of Management - Cowles Foundation - CEMMAP conference, “Advancing Applied Microeconometrics,” 2010; Cowles Foundation Conference, “Identification of Economic Models,” 2008 ; NBER Summer Institute IO Program Meeting, 2003

Scientific Committee: FTC Microeconomics Conference, 2020

Program Chair: Econometric Society Winter Meetings, 2008

Program Committee: Econometric Society Summer Meetings, 2007; Econometric Society Winter Meetings, 2007; Econometric Society World Congress, 2005

UNDERGRADUATE TEACHING

COURSES

Industrial Organization, Yale University; *Firms, Markets, and Competition*, Yale University; *Industrial Organization and Imperfect Competition*, University of Wisconsin-Madison; *Introduction to Industrial Organization*, University of Chicago; *Principles of Microeconomics*, University of Wisconsin-Madison; *Introduction to Microeconomics*, Northwestern University

AWARDS

Merton J. Peck Prize for excellence in undergraduate teaching, Department of Economics, Yale University, 2019

Undergraduate Teaching Award, Economics Student Association, University of Wisconsin-Madison, 2002

GRADUATE TEACHING AND ADVISING

COURSES

Industrial Organization, Yale University; *Topics in Empirical Economics and Public Policy*, Yale University; *Empirical Analysis of Industrial Organization and Public Policy*, University of Wisconsin-Madison; *Empirical Industrial Organization*, University of Chicago; *Prospectus Workshop in Industrial Organization*, Yale University

AWARDS

Best Teacher, Yale Economics Graduate Students, 2012, 2015, 2018

Best Dissertation Advisor, Yale Economics Graduate Students, 2014

Christensen Award for Empirical Economics, University of Wisconsin, 1997-98 (with Marc Rysman), 2002-03 (with Unjy Song)

PH.D. DISSERTATION SUPERVISION (WITH INITIAL APPOINTMENTS)*

Christopher Adams (University of Vermont)

Jorge Balat (Johns Hopkins University)

Chris Conlon (Columbia University)

Giovanni Compiani (UC-Berkeley)

Brian Dineen (McKinsey and Co.)

Alon Eizenberg (University of Pennsylvania)

Ying Fan (University of Michigan)

Maria Ferreyra (Carnegie Mellon University)

Jacob Gramlich (Georgetown University)

Martin Hackmann (Pennsylvania State University)

Costas Hadjiannis (University of Cypress)

Matthew Hom (Charles River Associates)

Panle Jia (M.I.T.)

Myrto Kalouptsi (Princeton University)

Adam Kapor (Columbia University)

Donghyuk Kim (Iowa State University)

Jinwoo Kim (University of Southern California)

Grigory Kosenok (New Economic School, Moscow)

Richard Langford (Bates White)

Josh Lustig (Boston University)

Lorenzo Magnolfi (University of Wisconsin-Madison)

Marleen Marra (Sciences Po)

Chris Neilson (Princeton University)

Jeff Qiu (U.S. Department of Justice)

Camilla Roncoroni (University of Warwick)

Ted Rosenbaum (U.S. Federal Trade Commission)

Marc Rysman (Boston University)

* This list includes former students for whom I was a primary, secondary, or external dissertation advisor

Gerardo Ruiz Sanchez (Trinity College)
Philipp Schmidt-Dengler (London School of Economics)
Elizabeth Schneirov (U.S. Federal Trade Commission)
Suk Joon Son (University of Tokyo)
Unjy Song (University of British Columbia)
Marcelo Sant'Anna (EPGE Brazilian School of Economics and Finance)
Oren Sarig (Diagnostic Robotics)
Nicholas Snashall-Woodhams (University of Texas-Austin)
Oscar Soler Sanchez (Charles River Associates)
Eduardo Souza-Rodrigues (University of Toronto)
John Straub (Texas A&M University)
Thi Hai Yen Tran (Charles River Associates)
Yuzhou Wang (Amazon)
Ge Zhang (Amazon)
Xiaolan Zhou (Shanghai University of Finance and Economics)

UNIVERSITY SERVICE (SELECTED)

Director, Cowles Foundation for Research in Economics, Yale University, 2005–2011
Standing Advisory and Appointments Committee, Yale School of Management, 2007-2008, 2009-2010, 2010-2011, 2013-2014, 2014–2015, 2015–2016, 2016–2017, 2017-2018
Yale Social Sciences Divisional Committee/Tenure Appointments Committee, 2004–2005

CONSULTING

Senior Consultant, Compass Lexecon, 2015-present
Economics Consultant to AT&T, 2012-2015
Economics Consultant to National Association of State Attorneys General, 2003, 2008
Associate, Fishkind & Associates, Inc., 1989-1992