

Nathan H. Miller

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Research Interests

Industrial organization, antitrust economics

Positions

Georgetown University

Salah Romeih Associate Professor, 2019-present, McDonough School of Business
Affiliated Professor, 2019-present, Economics Department
Senior Policy Scholar, Center for Business and Public Policy, 2017-present
Associate Professor, 2017-2019, McDonough School of Business
Assistant Professor, 2013-2017, McDonough School of Business

Toulouse School of Economics

Visiting Professor, 2019-2020

U.S. Department of Justice, Antitrust Division

Staff Economist, 2008-2013

Degrees

Ph.D., Economics, University of California at Berkeley, 2008.

B.A., Economics and History, University of Virginia, 2000.

Refereed Publications

“Understanding the Price Effects of the MillerCoors Joint Venture” (with Matthew Weinberg). *Econometrica*, Vol. 85, No. 6, 1763-1791 (2017).

“Pass-Through in a Concentrated Industry: Empirical Evidence and Regulatory Implications” (with Matthew Osborne and Gloria Sheu). *RAND Journal of Economics*, Vol. 48, No. 1, 69-93 (2017).

“Upward Pricing Pressure as a Predictor of Merger Price Effects” (with Marc Remer, Conor Ryan and Gloria Sheu). *International Journal of Industrial Organization*, Vol. 52, 216-247 (2017).

“Pass-Through and the Prediction of Merger Price Effects” (with Marc Remer, Conor Ryan and Gloria Sheu). *Journal of Industrial Economics*, Vol. 64, December, 684-709 (2016).

“Spatial Differentiation and Price Discrimination in the Cement Industry: Evidence from a Structural Model” (with Matthew Osborne), *RAND Journal of Economics*, Vol. 45, No. 2, 221-247 (2014, lead article).

- “Modeling the Effects of Mergers in Procurement,” *International Journal of Industrial Organization*, Vol. 37, November, 201-208 (2014).
- “Automakers’ Short-Run Responses to Changing Gasoline Prices” (with Ashley Langer), *Review of Economics and Statistics*, Vol. 95, No. 4, 1198-1211 (2013).
- “Why Do Borrowers Pledge Collateral? New Empirical Evidence on the Role of Asymmetric Information” (with Allen Berger, Marco Espinosa-Vega, and Scott Frame), *Journal of Financial Intermediation*, Vol. 20, No. 1, 55-70 (2011).
- “Strategic Leniency and Cartel Enforcement,” *American Economic Review*, Vol. 99, No. 3, 750-768 (2009).
- “Debt Maturity, Risk, and Asymmetric Information” (with Allen Berger, Marco Espinosa-Vega, and Scott Frame), *Journal of Finance*, Vol. 60, No. 6, 2895-2923 (2005).
- “Does Functional Form Follow Organizational Form? Evidence from the Lending Practices of Large and Small Banks” (with Allen Berger, Mitchell Petersen, Raghuram Rajan, and Jeremy Stein), *Journal of Financial Economics*, Vol. 76, No. 2, 237-269 (2005, lead article).
- “Credit Scoring and the Availability, Price, and Risk of Small Business Credit” (with Allen Berger and Scott Frame), *Journal of Money, Banking, and Credit*, Vol 37, No. 2, 191-222 (2005, lead article).

Shorter Refereed Articles

- “Bias in Reduced-Form Estimates of Pass-Through” (with Alexander MacKay, Marc Remer and Gloria Sheu), *Economics Letters*, Vol. 123, No. 2, 200-202 (2014).
- “Consistency and Asymptotic Normality for Equilibrium Models with Partially Observed Outcome Variables” (with Matthew Osborne), *Economics Letters*, Vol. 123, No. 1, 70-74 (2014).
- “Using Cost Pass-Through to Calibrate Demand” (with Marc Remer and Gloria Sheu), *Economics Letters*, Vol. 118, No. 3, 451-454 (2013).
- “The Entry Incentives of Complimentary Producers: A Simple Model with Implications for Antitrust Policy” (with Juan Lleras), *Economics Letters*, Vol. 110, No. 2, 147-150 (2011).

Book Chapters and Non-Refereed Publications

- “How the MillerCoors Joint Venture Changed Competition in U.S. Brewing” (with Matthew Weinberg), *Microeconomic Insights*, 2017.
- “Ex Post Merger Evaluation: How Does It Help Ex Ante?” (with Daniel Hosken and Matthew Weinberg), *Journal of European Competition Law & Practice*, 2016.
- “Choosing Appropriate Control Groups in Merger Evaluations” (with Aditi Mehta), in More Pros and Cons of Merger Control, Konkurrensverket 2012.

Working Papers and Research Projects

- “Demand Estimation in Models of Imperfect Competition” (with Alexander MacKay), 2018.
- “Competition and Technology Adoption: Evidence from Precalciner Kilns in the Cement Industry” (with Jeffrey Macher and Matthew Osborne), 2018.
- “Forward Contracts, Market Structure, and the Welfare Effects of Mergers” (with Joseph Podwol), 2018.
- “Oligopolistic Price Leadership: An Empirical Model of the U.S. Beer Industry” (with Gloria Sheu and Matthew Weinberg), 2019.
- “The Tuna Cartel” (with Marc Remer and Matthew Weinberg), in progress.
- “Pass-Through Consistent Structural Estimation” (with Matthew Osborne and Gloria Sheu), in progress.
- “Risk and Capital Investments in the U.S. Railroad Industry 1970-1995” (with Mark Burton and John Mayo), in progress.
- “Cumulative Innovation and Competition Policy” (with Alexander Raskovich), EAG Discussion Paper 10-5 (2010).
- “Competition when Consumers Value Firm Scope,” EAG Discussion Paper 8-7 (2008).

Grants and Awards

- NSF SES 1824318, \$57,000, 2018-2020.
- Best Paper Award, Association of Competition Economics, 2017.
- Robert F. Lanzillotti Prize for Best Paper in Antitrust Economics, 2015.
- Award of Distinction for work at DOJ on AT&T/T-Mobile merger, 2013.
- Jerry S. Cohen Award for Antitrust Scholarship, Honorary Mention, 2009.
- COMPASS Prize for Best Paper in Antitrust Economics by Graduate Students, 2007.
- UC Berkeley Dean’s Normative Time Fellowship, 2006-2007.
- Competition Policy Center Dissertation Award, 2006.
- Institute of Business and Economic Research Mini-Grant, 2006.

Invited Seminar Presentations

- 2008: DOJ; Duke (Fuqua); FTC; George Washington University; Johns Hopkins University; University of Iowa; University of North Carolina, Chapel Hill
- 2009: BEA; BLS; College of William and Mary; Georgetown University
- 2010: University of British Columbia (Sauder)
- 2011: University of Virginia
- 2012: DOJ; Michigan State University
- 2013: DOJ; Drexel University; Georgetown University (McDonough); Stony Brook University
- 2014: DOJ; University of California, Berkeley; UCLA; University of Virginia
- 2015: Clemson University; FTC; Indiana University (Kelley); University of Colorado, Boulder; Yale University

2016: Boston College; Columbia University; Federal Reserve Board; Harvard University; London School of Economics; University of British Columbia (Sauder); University of Texas, Austin; University of Toronto (Rotman)
 2017: FTC; University of Kentucky; University of Pennsylvania (Econ/Wharton); University of Wisconsin–Madison
 2018: FTC; MIT; Texas A&M; Penn State University
 2019: Harvard (HBS); Toulouse School of Economics (scheduled)

Conference Presentations

APIOS (2018); Association of Competition Economics (2018); Barcelona GSE Summer Forum (2018); ESEM (2019); FTC Microeconomics (2010, 2014); Hal White Antitrust (2013, 2014, 2017, 2019); IEF Applied Microeconomics (2016); IIOC (2008, 2009, 2013, 2015, 2016, 2018); NASMES (2019); SEA (2013, 2018); Searle Antitrust (2013, 2015); Triangle Microeconomics (2016)

Conference and Panel Discussions

AEA (2015); Concurrences Global Antitrust Conference (2018); DC IO Day (2015); HEC Montreal–RIIB Conference on IO (2018); IIOC (2008, 2009, 2013, 2015, 2016, 2018); Roundtable with CCB (2017); SEA (2013, 2018); Searle Antitrust (2019)

Teaching

Firm Analysis and Strategy, MBA Core Curriculum
 Industrial Organization, PhD Economics
 Strategic Pricing, MBA Elective
 Microeconomics, Executive Education

Service

Georgetown University

Graduate School Curriculum and Standards Committee: 2013-present

Strategy Area Recruiting Committee: 2015-16, 2016-17

Undergraduate research mentor: 2014

Other Service

DC IO Day: Program Committee 2015-2019, Organizer 2017

IIOC: Program Committee, 2019

Referee reports for:

American Economic Journal–Microeconomics; American Economic Review; Econometrica; European Economic Review; International Journal of Industrial Organization; Journal of Economics & Management Strategy; Journal of the European Economics Association; Journal of Finance; Journal of Industrial Economics; Journal of Law and Economics; Management Science; National Science Foundation; The RAND Journal of Economics; Review of Economic Studies; Review of Industrial Organization; Quarterly Journal of Economics, others.