

# Nathan H. Miller

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## Research Interests

Industrial organization, antitrust, regulation

## Positions

Georgetown University, McDonough School of Business  
Assistant Professor, 2013-present  
Adjunct Professor, Spring 2013  
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

- “Upward Pricing Pressure as a Predictor of Merger Price Effects” (with Marc Remer, Conor Ryan and Gloria Sheu). *International Journal of Industrial Organization*, accepted.
- “Pass-Through in a Concentrated Industry: Empirical Evidence and Regulatory Implications” (with Matthew Osborne and Gloria Sheu). *RAND Journal of Economics*, accepted.
- “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).
- “Modeling the Effects of Mergers in Procurement,” *International Journal of Industrial Organization*, Vol. 37, November, 201-208 (2014).
- “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).
- “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 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**

- “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**

- “Understanding the Price Effects of the MillerCoors Joint Venture” (with Matthew Weinberg), 2016. Conditionally accepted at *Econometrica*.
- “Finding Mr. Schumpeter: An Empirical Study of Competition and Technology Adoption” (with Jeffrey Macher and Matthew Osborne), 2016.
- “Forward Contracts, Market Structure, and the Welfare Effects of Mergers” (with Joseph Podwol), 2017.
- “Identification of Demand Parameters with Ordinary Least Squares” (with Alexander MacKay), in progress.
- “Transportation Costs” (with Ferdinando Monte), in progress.
- “Pass-Through Consistent Structural Estimation” (with Matthew Osborne and Gloria Sheu), 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).

### **Fellowships and Awards**

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 Antitrust Division; Duke University (Fuqua School of Business); Federal Trade Commission; George Washington University; Johns Hopkins University; University of Iowa; University of North Carolina, Chapel Hill

2009: Bureau of Economic Analysis; Bureau of Labor Statistics; College of William and Mary; Georgetown University

2010: University of British Columbia (Sauder School of Business)

2011: University of Virginia

2012: DOJ Antitrust Division; Michigan State University

2013: DOJ Antitrust Division; Drexel University; Georgetown University (McDonough School of Business); Stony Brook University

2014: DOJ Antitrust Division; University of California, Berkeley; UCLA; University of Virginia

2015: Clemson University; Federal Trade Commission; Indiana University (Kelley School of Business); 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 School of Business); University of Texas, Austin; University of Toronto (Rotman School of Management)

2017: Federal Trade Commission (scheduled); University of Kentucky (scheduled); University of Pennsylvania (Econ/Wharton, scheduled); University of Wisconsin–Madison (scheduled)

### **Conference Presentations**

FTC Microeconomics Conference (2010, 2014); Hal White Antitrust Conference (2013, 2014); International Industrial Organization Conference (2008, 2009, 2013, 2015, 2016); Southern Economic Association Conference (2013); Searle Conference on Antitrust Economics (2013, 2015); IEF Applied Microeconomics Conference (2016); Triangle Microeconomics Conference (2016)

## Conference Discussions

American Economic Association (2015); International Industrial Organization Conference (2008, 2009, 2013, 2015, 2016); Southern Economic Association Conference (2013); DC Industrial Organization Conference (2015)

## Teaching

Firm Analysis and Strategy, MBA Core Curriculum  
Strategic Pricing, MBA Elective  
Microeconomics, Executive Education

## Service

*Georgetown University*

Graduate School Curriculum and Standards Committee: 2013-present.

Strategy Area Recruiting Committee: 2015, 2016

Undergraduate research mentor: 2014.

*Other Service*

Program Committee, DC Industrial Organization Conference: 2015, 2016.

Organizer, DC Industrial Organization Conference: 2017.

Referee reports for:

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