

# Nathan H. Miller

Georgetown University  
McDonough School of Business  
37th and O Streets, NW  
Washington, DC 20057

Work: (202) 687-0953  
Cell: (510) 735-6411  
nhm27@georgetown.edu  
www.nathanhmler.org

Updated July 2015

## Research Interests

Industrial organization, antitrust enforcement, environmental 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.

## Publications

- “Pass-Through and the Prediction of Merger Price Effects” (with Marc Remer, Conor Ryan and Gloria Sheu). *Journal of Industrial Economics*, accepted.
- “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).
- “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).
- “Automakers’ Short-Run Responses to Changing Gasoline Prices” (with Ashley Langer), *Review of Economics and Statistics*, Vol. 95, No. 4, 1198-1211 (2013).
- “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).

- “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).

### **Working Papers and Research Projects**

- “Mergers Facilitate Tacit Collusion: Empirical Evidence from the U.S. Brewing Industry” (with Matthew Weinberg), 2015. Revisions requested from *Econometrica*.
- “Pass-Through in a Concentrated Industry: Empirical Evidence and Regulatory Implications” (with Matthew Osborne and Gloria Sheu), 2014.
- “Monopolization Through Product Design: Is a Balancing Rule Administrable?” (with Alexander Raskovich), 2015.
- “Forward Contracting and the Welfare Effects of Mergers,” EAG Working Paper 13-1 (2013).
- “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).

### **Book Chapters**

- “Choosing Appropriate Control Groups in Merger Evaluations” (with Aditi Mehta), in More Pros and Cons of Merger Control, Konkurrensverket 2012.

### **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 at 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 Virginia; University of California, Berkeley; UCLA
- 2015: Clemson University (scheduled); Indiana University (Kelley School of Business); Federal Trade Commission; University of Colorado, Boulder (scheduled); Yale University (scheduled)

### **Conference Presentations**

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

### **Teaching**

Firm Analysis and Strategy, MBA Core Curriculum: 2013, 2014.

Strategic Pricing, MBA Elective: 2013, 2015.

GU-Nanyang Business and Public Policy Program, Executive Education: 2015.

### **Service**

*Georgetown University*

Graduate School Curriculum and Standards Committee, 2013-present.

Undergraduate research mentor for Erika Lim, 2014.

*Other Service*

Program Committee, DC Industrial Organization Conference, 2015.

Referee reports for:

*American Economic Review; Econometrica; 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; RAND Journal of Economics; Review of Economic Studies; Review of Industrial Organization; Quarterly Journal of Economics, others.*