Nathan Hammer 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.nathanhmiller.org

PROFESSIONAL EXPERIENCE

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

EDUCATION

Ph.D., Economics, University of California at Berkeley, 2008. B.A., Economics and History, University of Virginia, 2000.

REFEREED PUBLICATIONS

- "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, 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

- "Who Bears the Burden of Cap-and-Trade? Evidence from an Emissions-Intensive Industry" (with Matthew Osborne and Gloria Sheu), 2014.
- "On the First Order Approximation of Counterfactual Price Effects in Oligopoly Models" (with Marc Remer, Conor Ryan and Gloria Sheu), 2014.
- "Forward Contracting and the Welfare Effects of Mergers," EAG Working Paper 13-1 (2013).
- "Cumulative Innovation and Competition Policy" (with Alex Raskovich), EAG Working Paper 10-5 (2010).
- "Competition when Consumers Value Firm Scope," EAG Working Paper 08-7 (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

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, "Strategic Leniency and Cartel Enforcement," 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 PRESENTATIONS SINCE 2008

Strategic Leniency and Cartel Enforcement
Duke University (Fuqua School of Business), 2008
University of Iowa, 2008
University of North Carolina at Chapel Hill, 2008
Department of Justice Antitrust Division, 2008
Federal Trade Commission, 2008

Competition when Consumers Value Firm Scope
International Industrial Organization Conference, 2008
Department of Justice Antitrust Division, 2008
Johns Hopkins University, 2008
Georgetown University (McDonough School of Business), 2009

Automakers' Short-Run Responses to Changing Gasoline Prices George Washington University, 2008 College of William and Mary, 2009 Bureau of Labor Statistics, 2009 Georgetown University (McDonough School of Business), 2013

Spatial Differentiation and Price Discrimination in the Cement Industry Georgetown University, 2009
Bureau of Economic Analysis, 2009
International Industrial Organization Conference, 2009
University of British Columbia (Sauder School of Business), 2010
FTC Microeconomics Conference, 2010
University of Virginia, 2011
Southern Economic Association Conference, 2011

Choosing Appropriate Control Groups in Merger Evaluations Department of Justice Antitrust Division, 2013

First Order Approximation of Counterfactual Price Effects
Department of Justice Antitrust Division, 2012
Michigan State University, 2012
Stony Brook University, 2013
Hal White Antitrust Conference, 2013
Searle Conference on Antitrust Economics, 2013
Drexel University, 2013
University of Virginia, 2014

Bias in Reduced-Form Estimates of Pass-Through International Industrial Organization Conference, 2013

Pass-Through in a Concentrated Market
Hal White Antitrust Conference, 2014
FTC Microeconomics Conference, 2014
UCLA, 2014
University of California, Berkeley, 2014
Department of Justice Antitrust Division, 2014

Tacit Coordination in a Consolidating Market Indiana University (Kelley School of Business), 2015 (scheduled)

TEACHING

Firm Analysis and Strategy, MBA Core Curriculum, 2013-2014 Strategic Pricing, MBA Elective, 2013, 2015 (scheduled)

SERVICE

Georgetown University Graduate School Curriculum and Standards Committee, 2013-2014 Undergraduate research mentor for Erika Lim, 2014.

Other Service NSF Reviewer, 2013 Referee reports for:

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

Updated October 2014