

Matthew R. Grennan

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Positions

University of Pennsylvania, Wharton School
Assistant Professor of Health Care Management July 2013 – present

National Bureau of Economic Research
Faculty Research Fellow May 2015 – present

Leonard Davis Institute for Health Economics Research
Senior Fellow July 2013 - present

University of Toronto, Rotman School of Management
Assistant Professor of Strategic Management July 2010 – June 2013

Education

Ph.D., Strategy/Economics, *New York University, Stern School of Business*, 2010
(Committee: Adam Brandenburger, Michael Katz, Bernie Yeung, John Asker, Allan Collard-Wexler)

M.S., Applied Economics, *University of Minnesota*, 2005

B.S., Industrial Engineering, *Iowa State University*, 2002

Research Areas

Areas: empirical industrial organization, health care, innovation, competitive strategy

Published and Forthcoming Papers

“Price Discrimination and Bargaining: Empirical Evidence from Medical Devices”
(*American Economic Review*, Volume 103, Number 1, February 2013, pp. 145-177(33))

“Bargaining Ability and Competitive Advantage: Empirical Evidence from Medical Devices”
(*Management Science*, Volume 60, Number 12, December 2014, pp. 3011-3025)

Working Papers

“Regulating Innovation with Uncertain Quality: Information, Risk, and Access in Medical Devices”
(with Bob Town. R&R at *American Economic Review*.)

“Transparency and Prices: The Value of Information in Hospital-Supplier Bargaining”
(with Ashley Swanson. Resubmitted to *Journal of Political Economy*)

“Firm Dominance Across Product Markets: Evidence from Medical Devices”
(with Charu Gupta and Mara Lederman)

“Quantifying the Sources of Price Dispersion: Evidence from Hospital Supplies”
(with Ashley Swanson)

“Welfare Effects of Physician-Industry Interactions: Evidence from Patent Expiration”
(with Ronnie Chatterji, Kyle Myers, and Ashley Swanson)

“Mergers and Hospital Costs”
(with Stuart Craig and Ashley Swanson)

Projects in Progress

“Do We Need an FDA for That? Public vs. Private Incentives for Product Testing”

(with Allan Collard-Wexler, Andrew Steck, and Bob Town)

“Public and Private Funding of R&D: Evidence at the Scientist Level”

(with Kyle Myers)

Teaching Experience

Health Care Data Analytics (MBA, Wharton 2018)

Health Care Entrepreneurship (Undergraduate, Wharton 2013-18) *(mean rating: 4.6/5)*

Management and Strategy in Medical Devices and Technology (MBA, Wharton 2016-18) *(mean rating: 4.1/5)*

Health Care Marketing (MBA, Wharton 2013-15) *(mean rating: 3.9/5)*

Health Care Economics (MBA, Indian School of Business 2012-14) *(mean rating: 6.5/7)*

Entrepreneurship (Undergraduate, Toronto Rotman 2011-13) *(mean rating: 6.6/7)*

Models and Methods (PhD, Toronto Rotman 2012-13)

TA, NYU Stern: Implementing Strategy (MBA), Firms and Markets (MBA), IO (PhD)

Professional Activities

Invited Seminar and Conference Presentations:

2018 (including scheduled): ASSA Annual Meetings, Yale IO, Toulouse, HEC Paris, IFS Vertical Markets Conference;

2017: Bates White Life Sciences Conference, Universidad de Chile, Stanford IO, McGill Economics;

2016: ASSA Annual Meetings, Tulane Health Care Conference, UCLA Anderson, Strategy Research Forum (discussant), Bates White Life Sciences Conference, ASHEcon (discussant), US Department of Justice, Maryland Economics, Wash U Olin, UNC Kenan-Flagler;

2015: ASSA Annual Meetings, Dartmouth Winter IO Conference, Johns Hopkins Economics, Queens, Cornell Economics, NBER Winter Health Care, Penn Medicine, Bates White, Queens Innovation Conference, US Food & Drug Administration, HEC Montreal Summer IO Conference (discussant), NBER Summer IO, Harvard Strategy, Georgia Tech Strategy;

2014: Houston/Rice Economics, Minnesota Carlson & Economics, NUS Strategy, Yale Economics, Federal Trade Commission, Kellogg Conference on Healthcare Markets, iHEA, HEC Montreal Summer IO Conference, NBER Summer IO, NBER Summer Health Care, Bureau of Economic Analysis, Triangle Health Economics Workshop, Penn State Economics, Chicago Economics, Berkeley Economics, Indian School of Business;

2013: Utah WBEC (discussant), HEC Health Care IO Conference (discussant), Strategy Research Forum, NYU Stern Economics of Strategy Conference, CELS (discussant), UCLA Anderson & Economics;

2012: Strategy Research Forum (discussant), Queens Innovation Conference (discussant), FTC Micro Conference (discussant);

2011: IIOC, CRES Foundations of Strategy Conference (discussant), Atlanta Competitive Advantage Conference, Northwestern Kellogg, Rochester Simon, FTC Micro Conference, UPenn Wharton Management;

2010: Yale SOM Economics, Analysis Group Boston, Georgia Terry Economics, Toronto Rotman Strategy, Columbia Economics, LSE Economics, Arizona Eller Economics, CRES Foundations of Strategy Conference, Cowles Structural Micro Conference, Harvard Strategy Conference (discussant), HEC Montreal;

2009: BPS Doctoral Consortium (AoM Meetings), Consortium for Cooperation and Competition (hosted at Copenhagen Business School), NYU Economics;

Peer Reviewer: American Economic Review, AEJ: Applied, AEJ: Micro, AEJ: Policy, American Journal of Healthcare Economics, Austrian Science Fund, Econometrica, Economic Journal, Health Care: The Journal of Delivery Science and Innovation, International Economic Review, International Journal of Health Care Finance and Economics, International Journal of Industrial Organization, Journal of Health Economics, Journal of Industrial Economics, Journal of Political Economy, Management Science, National Science Foundation, RAND Journal of Economics, Review of Economic Studies, Strategic Management Journal, Strategy Science

Professional Affiliations: Academy of Management (BPS and TIM divisions), American Economic Association, Econometric Society, International Health Economics Association, Strategy Research Forum

Professional Service: EDEN Doctoral Seminar on Competitive Strategy, 2014,16

University Service: Wharton MBA Executive Committee, 2016-18, Wharton HCMG Recruitment, 2015-17; Wharton HCMG PhD Admissions, 2013-18; Wharton HCMG Preliminary Exam Writer, 2013-18; Toronto Rotman Recruiting Committee, 2011-12; Toronto Rotman Strategy Seminar, Coordinator, 2010-11

Doctoral Student Advising:

Charu Gupta, Wharton 2020 (expected)

Kyle Myers, Wharton 2017 – Asst. Professor, HBS (TOM Unit, following NBER Post-Doc)

Octavio Martinez, Toronto 2015 (committee member) – Asst. Professor, INCAE

MBA Student Advising: Ani Vemprala, Penn 2014 (health insurance exchanges); Hee-Won Kang, Penn 2014 (mHealth); Jinyong Lee, Penn 2017 (molecular diagnostics); Animesh Agarwal, Penn 2017 (value investing in medical devices)

Undergraduate Student Advising: Aaron Goldstein and William Duckworth, Penn 2016 (*FeverSmart*, President's Innovation Prize 2016); Shriya Mantry, Penn 2017 (senior project advisor); Ikshita Singh, Penn 2017 (senior project advisor); Shawn Srolovitz, Penn 2018 (senior project advisor);

Honors

Professional:

NSF Grant for “Empirical Analysis of Business-to-Business Bargaining: Evidence from Hospital Input Markets” (2016-19, joint with Ashley Swanson).

Teaching Excellence Award: Wharton (2016); Toronto Rotman (2011, 2012, 2013)

Graduate: C.W. Nichols Foundation Fellowship (2009-10); Willensky Dissertation Fellowship (2009-10)

Undergraduate: Cardinal Key (Pres. 2001); Order of Omega (Pres. 2001); National Merit Scholar (1997-2001)

Grant Funding

“Empirical Analysis of Business-to-Business Bargaining: Evidence from Hospital Input Markets” (*Co-PI with Ashley Swanson*), National Science Foundation ~\$400,000 (2016-19).

“Technology Adoption and Pass-Through to Medical Device Suppliers” (*Co-PI with Ashley Swanson*), Leonard Davis Institute Pilot Grant \$15,000 (2016).

“Do We Need an FDA for That? Public vs. Private Incentives for Product Testing” (*with Allan Collard-Wexler, Andrew Steck, and Bob Town*), Mack Institute for Innovation \$7,000 (2016)

“Physician-Industry Ties: Impacts on Innovation and Treatment Patterns” (*Co-PI with Ronnie Chatterji and Ashley Swanson*), Wharton Dean’s Research Fund \$10,000 (2015)

“Transparency and Prices: the Value of Information in Hospital-Supplier Bargaining” (*Co-PI with Ashley Swanson*), Wharton Dean’s Research Fund \$10,000 (2014)

“Regulating Innovation with Uncertain Quality: Information, Risk, and Access in Medical Devices” (*Co-PI with Bob Town*), Mack Center for Innovation \$7,000 (2014); Wharton Dean’s Research Fund \$10,000 (2013)

“The Multiproduct Advantage: Evidence from Regulatory Delay in Medical Devices” (*Co-PI with Mara Lederman*), Mack Center for Innovation \$8,000 (2013)

Personal

Born: January, 1979. Dixon, IL, United States

Family: Married to Jillian (Popadak) Grennan. Daughter Jorie (b. 2015); son Grant (b. 2017)

Hobbies: basketball, cooking (and eating), football (a.k.a. soccer), reading, travel