

## LEILA AGHA

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### EMPLOYMENT

2016- Assistant Professor  
Economics Department, Dartmouth College  
2012-2016 Assistant Professor of Markets, Public Policy and Law  
Questrom School of Business, Boston University  
2011-2012 Postdoctoral Fellow in Health and Aging  
National Bureau of Economic Research

### ACADEMIC AFFILIATIONS

2013- Faculty Research Fellow, National Bureau of Economic Research

### EDUCATION

2006-2011 Ph.D., Economics, Massachusetts Institute of Technology  
2002-2006 S.B., Economics, Massachusetts Institute of Technology

### PUBLISHED PAPERS

"Insurance Design and Pharmaceutical Innovation" (with Soomi Kim and Danielle Li). NBER Working Paper #27563. Forthcoming in *American Economic Review: Insights*.

"Drug Diffusion through Peer Networks: The Influence of Industry Payments" (with Dan Zeltzer). NBER Working Paper #26338. Forthcoming in *American Economic Journal: Economic Policy*.

"Team Relationships and Performance: Evidence from Healthcare Referral Networks" (with Keith Marzilli Ericson, Kimberley Geissler, and James Rebitzer). NBER Working Paper #24338. Forthcoming in *Management Science*.

"Fragmented Division of Labor and Healthcare Costs: Evidence from Moves Across Regions" (with Brigham Frandsen and James Rebitzer). *Journal of Public Economics*, January 2019, Vol. 169, p.144-159.

"The Influence of Pioneer Investigators on Technology Adoption: Evidence from New Cancer Drugs" (with David Molitor), *The Review of Economics and Statistics*, March 2018, Vol. 100, No. 1, p. 29-44.

"Trends and Variation in the Utilization and Diagnostic Yield of Chest Imaging for Medicare Patients with Suspected Pulmonary Embolism in the Emergency Department" (with Arjun K. Venkatesh, Jason Abaluck, Craig Rothenberg, Christopher Kabrhel and Ali Raja), *American Journal of Roentgenology*, March 2018: Vol. 210, No. 3, p. 572-577.

"Determinants of Productivity in Medical Testing: Intensity and Allocation of Care" (with Jason Abaluck, Christopher Kabrhel, Ali Raja, and Arjun Venkatesh), *American Economic Review*, December 2016, Vol. 106, No. 12, p. 3730-64.

"Big Names or Big Ideas: Do Peer-Review Panels Select Top Science Proposals?" (with Danielle Li), *Science*, 24 April 2015, Vol. 348 no. 6233 p. 434-438.

"The Effects of Health Information Technology on Costs and Quality of Medical Care," *Journal of Health Economics*, Vol. 34, March 2014, p. 19-30.

### **WORKING PAPERS AND RESEARCH IN PROGRESS**

"The Impact of Organizational Boundaries on Healthcare Coordination and Utilization" (with Keith Ericson and Xiaoxi Zhao). *Revision requested at American Economic Journal: Economic Policy*.

"Fixing Misallocation with Guidelines: Awareness vs. Adherence" (with Jason Abaluck, David Chan, Daniel Singer, and Diana Zhu). NBER Working Paper #27467.

"Diffusion of Probiotics in the NICU and Very Low Birthweight Infant Outcomes" (with Doug Staiger, Erika Edwards, Jeffrey Horbar, and Roger Sol).

### **OTHER PUBLICATIONS**

"Location Matters: The Adoption of New Medical Technologies" (with David Molitor), *Stanford Institute for Economic Policy Research Policy Brief*, June 2013.

"New evidence on the broad reach of pharmaceutical payments" (with Dan Zeltzer), *VoxEU.org*, November 2019.

### **TEACHING**

2016-2021	Economics 10 Introduction to Statistical Methods, Dartmouth College
2016-2018	Foundations of Population Health, The Dartmouth Institute
2013-2015	QM222 Modeling Business Decisions, BU Questrom School of Business
2009	14.33 Research & Communication in Economics, Teaching Assistant, MIT
2009	14.74 Development Economics, Teaching Assistant, MIT
2008	Evaluating Social Programs, Teaching Fellow, MIT Poverty Action Lab Exec. Educ.

### **GRANTS & FELLOWSHIPS**

2019-2020	Rockefeller/Haney Faculty Fellowship, Dartmouth College
2018-2020	National Institute for Health/National Institute for Aging, Co-Investigator on PO1 AG19783
2018-2019	National Institute for Health/National Institute for Aging, Co-Investigator on P30 AG012810
2016-2017	National Institute for Health/National Institute for Aging, Co-Investigator on UO1 AG046840

2015 Boston University Hariri Institute for Computing Junior Fellow  
 2011-2012 National Institute for Health/National Institute for Aging, Postdoctoral fellow on T32-AG000186  
 2007-2011 National Science Foundation Graduate Research Fellowship  
 2006-2008 MIT Economics Department Castle Krob Graduate Fellowship  
 2006-2007 MIT Ida M. Green Graduate Fellowship

**AWARDS**

2017 National Institute for Health Care Management Research Award: Honorable Mention  
 2011 Young Researcher Award, Workshop on Health IT and Economics  
 2006 Phi Beta Kappa (MIT)  
 2006 Association of MIT Alumnae Senior Academic Award  
 2006 Galbraith Scholar, Harvard Kennedy School of Government

**INVITED SEMINARS & CONFERENCE PRESENTATIONS**

2020-2021 Princeton University, Ohio State University, University of New Hampshire, Berlin Applied Microeconomics Seminar, University of Massachusetts-Amherst, University of Duisberg-Essen, American Society of Health Economists.  
 2019-2020 Stanford University, Northeastern University, University of Hong Kong, Allied Social Sciences Associations Meeting (discussant), University of Chicago Booth Health Economics Summit, Max Planck and National Bureau of Economic Research Conference on Aging (cancelled due to COVID), NBER Summer Institute.  
 2018-2019 Rensselaer Polytechnic Institute, MIT Sloan, NBER Machine Learning in Health Care Workshop, NBER Summer Institute  
 2017-2018 Emory University, University of Toronto Rotman School, Yale School of Public Health, University of Virginia Batten School, MIT Economics & Sloan, Allied Social Sciences Associations Meeting, Caribbean Health Economics Symposium, American Society of Health Economists Conference, Society for Institutional & Organizational Economics, NBER Summer Institute  
 2016-2017 University of Pennsylvania Leonard Davis Institute for Health Economics, Caribbean Health Economics Symposium, Allied Social Sciences Associations Meeting, Economics of Entrepreneurship and Innovation Conference  
 2015-2016 Rice University, Dartmouth College, Northwestern Kellogg, NBER Health Care Workshop  
 2104-2015 Georgia State University, RAND, American Society of Health Economics (discussant)  
 2013-2014 Northwestern Kellogg, Massachusetts General Hospital, American Economic Association Annual Meeting, NBER Summer Institute

- 2012-2013 Boston University/Harvard/MIT Health Economics Seminar, NBER Productivity Seminar, Stanford Graduate School of Business, American Economics Association Annual Meeting, American Health Economics Conference (discussant), National Tax Association
- 2011-2012 University of Illinois College of Business, American Society for Health Economics Conference, NBER Summer Institute (discussant), Roundtable on Engineering Entrepreneurship Research at Georgia Tech (discussant), Workshop on Health IT and Economics
- 2010-2011 Boston University School of Management, Cornell Policy Analysis & Management; Harvard Business School, Northwestern Kellogg, RAND; University of Michigan Ross School of Business, University of Pennsylvania Wharton, University of California-Irvine Merage School of Business; University of California-Los Angeles School of Public Affairs, U.S. Department of Health and Human Services, Yale School of Management

### **PROFESSIONAL ACTIVITIES**

Referee: *American Economic Journal: Applied Economics; American Economic Journal: Economic Policy; American Economic Journal: Macroeconomics; American Economic Review; American Economic Review: Insights; American Journal of Health Economics; eLife; Empirical Economics; Health Economics; Health Systems; Industrial Relations; Inquiry; Journal of Economic Behavior and Organizations; Journal of Health Economics; Journal of Labor Economics; Journal of Law, Economics and Organization; Journal of Medical Systems; Journal of Political Economy; Journal of Public Economics; Management and Information Systems Quarterly; Management Science; Nonprofit Quarterly; Quarterly Journal of Economics; RAND Journal of Economics; Review of Economics and Statistics; Review of Economic Studies; Science; Scientific Advances.*

Grant review: Jameel Poverty Action Lab North America, Sloan Foundation, US-Israel Binational Science Foundation.

Updated: July 2021