

Mark G. Duggan
Curriculum Vita

Business Address

Stanford University
Department of Economics
579 Serra Mall
Stanford, CA 94305-6072
Email: mgduggan@stanford.edu

Personal

Birth Date: November 13, 1970
Citizenship: United States
Married; two children

Work Experience

The Trione Director, Stanford Institute for Economic Policy Research (SIEPR), 2015 - present.

The Wayne and Jodi Cooperman Professor, Department of Economics, Stanford University, 2014 – present.

Senior Fellow, Stanford Institute for Economic Policy Research, 2014 - present.

Chair, Department of Business Economics and Public Policy, the Wharton School, University of Pennsylvania, 2012 – 2014.

Rowan Family Foundation Professor, the Wharton School, University of Pennsylvania, 2012 - 2014.

Faculty Director, Penn Wharton Public Policy Initiative, 2012 – 2014.

Professor, Department of Business Economics and Public Policy, Department of Health Care Management, the Wharton School, University of Pennsylvania, 2011 – 2014.

Professor, University of Maryland, Department of Economics, 2007- 2011.

Senior Economist, Council of Economic Advisers, Executive Office of the President, 2009 – 2010.

Associate Professor, University of Maryland, Department of Economics, 2003 – 2007.

Visiting Fellow, Brookings Institution, 2006 – 2007.

Assistant Professor, University of Chicago, Department of Economics, 1999 – 2003.

Visiting Assistant Professor, MIT, Department of Economics, 2001 – 2002.

Teaching Fellow, Harvard University, Department of Economics, 1996-98.

Research Assistant, Harvard University, Department of Economics, 1994-96.

Teaching Assistant, M.I.T. Department of Electrical Engineering and Computer Science, 1993-94.

Education

Ph.D., Economics, June 1999, Harvard University.

M.S., Electrical Engineering, June 1994, M.I.T.

B.S., Electrical Engineering, June 1992, M.I.T.

Journal Publications:

Mark Duggan. "Hospital Ownership and Public Medical Spending" *Quarterly Journal of Economics*, 115:4 (November 2000) 1343-1374.

Mark Duggan. "More Guns, More Crime" *Journal of Political Economy*, 109:5 (October 2001), 1086-1114.

Mark Duggan. "Hospital Market Structure and the Behavior of Not-for-Profit Hospitals" *RAND Journal of Economics*, 33:3 (Autumn, 2002) 433-446.

Mark Duggan and Steven Levitt. "Winning Isn't Everything: Corruption in Sumo Wrestling" (with Steven Levitt), *American Economic Review*, 92:5 (December, 2002) 1594-1605.

David Autor and Mark Duggan. "The Rise in the Disability Rolls and the Decline in Unemployment" *Quarterly Journal of Economics*, 118:1 (February, 2003) 157-206.

Mark Duggan. "Does Contracting Out Increase the Efficiency of Government Programs? Evidence from Medicaid HMOs" *Journal of Public Economics*, 88:12 (December 2004), 2549-2572.

Mark Duggan. "Do New Prescription Drugs Pay for Themselves? The Case of Second-Generation Antipsychotics" *Journal of Health Economics*, 24:1 (January, 2005), 1-31.

David Autor and Mark Duggan. "The Growth in the Social Security Disability Rolls: A Fiscal Crisis Unfolding" *Journal of Economic Perspectives* 20, Summer, 2006, 71-96.

Mark Duggan and Fiona Scott Morton. "The Distortionary Effects of Government Procurement: Evidence for Medicaid Prescription Drug Purchasing" *Quarterly Journal of Economics* 121:1 (February, 2006) 1-31.

- David Autor and Mark Duggan. "Distinguishing Between Income and Substitution Effects in Disability Programs" *American Economic Review: Papers and Proceedings*, May 2007.
- Mark Duggan and Melissa Kearney. "The Impact of Child SSI Enrollment" *Journal of Policy Analysis and Management*. 26 (Autumn 2007), 861-886.
- Mark Duggan, Perry Singleton, and Jae Song. "Aching to Retire? The Rise in the Full Retirement Age and its Impact on the Disability Rolls" *Journal of Public Economics*. 91: 7 (August 2007), 1327-50.
- Mark Duggan and Bill Evans. "Estimating the Impact of Medical Innovation: A Case Study of HIV Antiretroviral Treatments" *Forum for Health Economics and Policy*. 11:2 (2008).
- Mark Duggan, Patrick Healy, and Fiona Scott Morton. "Providing Prescription Drug Coverage to the Elderly: America's Experiment with Medicare Part D" *Journal of Economic Perspectives*, 22:4 (Fall, 2008), 69-92.
- Mark Duggan and Fiona Scott Morton. "The Impact of Medicare Part D on Pharmaceutical Prices and Utilization" *American Economic Review*, 100:1 (March 2010), 590-607.
- Mark Duggan, Robert Rosenheck, and Perry Singleton. "Federal Policy and the Rise in Disability Enrollment: Evidence for the VA's Disability Compensation Program" *Journal of Law and Economics*, 53:2 (May 2010), 379-398.
- David Autor and Mark Duggan, "Battle Scars: Declining Employment and Rising Disability Receipt among Vietnam-Era Veterans" *American Economic Review: Papers and Proceedings*, May 2011.
- Mark Duggan and Fiona Scott Morton, "The Medium-Term Impact of Medicare Part D on Pharmaceutical Prices" *American Economic Review: Papers and Proceedings*, May 2011.
- Mark Duggan, Randi Hjalmarsson, and Brian Jacob. "The Short-Term and Localized Effect of Gun Shows: Evidence from California and Texas" *Review of Economics and Statistics* 93(3) (August 2011), 786-799.
- Leemore Dafny, Mark Duggan, Subramaniam Ramanarayan. "Paying a Premium on Your Premium? Consolidation in the Health Insurance Industry" *American Economic Review*, 102:2 (April 2012), 1161-1185.
- Mark Duggan and Tamara Hayford. "Has the Shift to Managed Care Reduced Medicaid Spending? Evidence from State and Local-Level Mandates" *Journal of Policy Analysis and Management*, 32:3 (Summer 2013), 505-535.
- Rachel Werner, Mark Duggan, Elizabeth Stuart, Katia Duey, Jingsan Zhu, Lin Yang. "The Patient-Centered Medical Home: An Evaluation of a Single Private Payer Demonstration in New Jersey" *Medical Care*. 51:6 (June 2013), 487-493.

- Abby Alpert, Mark Duggan, and Judith Hellerstein. “Perverse Reverse Price Competition: Average Wholesale Prices and Medicaid Pharmaceutical Spending” *Journal of Public Economics*, 108 (December 2013), 44-62.
- David Autor, Mark Duggan, and Jon Gruber “Claims Deterrence and Moral Hazard in Private Disability Insurance” *American Economic Journal: Applied Economics*, October 2014.
- Jason Brown, Mark Duggan, Ilyana Kuziemko, and William Woolston. “How Does Risk Selection Respond to Risk Adjustment? Evidence from the Medicare Advantage Program” *American Economic Review*. October 2014.
- Courtney Coile, Mark Duggan, and Audrey Guo “The Decline in Labor Force Participation among America’s Veterans: Could the VA’s Disability Compensation Program be the Cause?” *American Economic Review: Papers and Proceedings*, May 2015.
- Mike Dickstein, Mark Duggan, Joe Orsini, and Pietro Tebaldi. “The Effect of Market Structure on Health Insurance Premiums: Evidence from the ACA’s Insurance Exchanges.” *American Economic Review: Papers and Proceedings*, May 2015.
- Mark Duggan, Craig Garthwaite, and Aparajita Goyal. “The Market Impacts of Product Patents in Developing Countries: Evidence for India.” *American Economic Review*. January 2016.
- David Autor, Mark Duggan, Kyle Greenberg, and David Lyle. “The Impact of Disability Benefits on Labor Supply: Evidence from the VA’s Disability Compensation Program.” *American Economic Journal: Applied Economics*. July 2016.
- Mark Duggan, Amanda Starc, and Boris Vabson. “Who Benefits when the Government Pays More? Evidence from the Medicare Advantage Program.” *Journal of Public Economics*, October 2016.
- Mark Duggan, Jon Gruber, and Boris Vabson. “The Efficiency Consequences of Health Care Privatization: Evidence from Medicare Advantage Exits” forthcoming in *American Economic Journal: Economic Policy*.

Other Publications:

- Mark Duggan. “Guns and Suicide: Correlation or Causation?” in *Evaluating Gun Policy*, edited by Philip Cook and Jens Ludwig, Brookings Institution Press, 2003.
- Mark Duggan. Comment on Steven Raphael and Michael Stoll’s “The Effect of Prison Releases on Regional Crime Rates” for the *Brookings-Wharton Papers on Urban Affairs*, 2004.
- Mark Duggan and Scott Imberman. “Why Are the DI Rolls Skyrocketing? The Contribution of Population Characteristics, Program Changes, and Economic Conditions” *Health at Older Ages*, edited by David Cutler and David Wise, University of Chicago Press, Chicago, IL, 2009.

Mark Duggan and Bob Kocher, “The Economics, Opportunities, and Challenges of Health Insurance Exchanges” *The Economists’ Voice*, 2010.

David Autor and Mark Duggan, “Supporting Work: A Proposal for Modernizing the U.S. Disability Insurance System” Center for American Progress and The Hamilton Project, 2010.

Craig Garthwaite and Mark Duggan. “Empirical Evidence on the Value of Pharmaceuticals” in *The Oxford Handbook of the Economics of the Pharmaceutical Industry*, 2012.

Mark Pauly and Mark Duggan. “Employer Insurance under Employer Mandates and Subsidized Exchanges: Time to Dump or Stay?” *Health Management, Policy, and Innovation*, January 2013.

Mark Duggan, Melissa Kearney, and Stephanie Rennane. “The Supplemental Security Income Program” forthcoming in *Means-Tested Transfer Programs in the U.S.* National Bureau of Economic Research. Editor: Robert Moffitt.

Working Papers

“The Labor Market Effects of the Affordable Care Act” (with Gopi Shah Goda and Emilie Jackson).

“To Work for Yourself, for Others, or Not at All? How Disability Benefits Affect the Employment Decisions of Older Veterans.” (with Courtney Coile and Audrey Guo), revise-and-resubmit at *Journal of Public Economics*.

Research-in-Progress

“The Impact of the Affordable Care Act on Hospital Utilization: Evidence from California” (with Atul Gupta and Emilie Jackson).

“The Effects of Competition on Market Outcomes: Evidence for Defense Procurement in the U.S.” (with Rodrigo Carrill).

“What Drives Geographic Variation in Health Care Utilization? The Case of Pharmaceutical Treatments.” (with Katherine Meckel).

“The Impact of Private Contracting on Health Care for the Disabled: Evidence from California’s Medicaid Program” (with Adelina Wang).

“Chinese Firm Management and Performance” (with Nicholas Bloom, Hong Cheng, Hongbin Li, and Franklin Qian).

Congressional Testimony

“Ensuring Success for the Social Security Disability Insurance Program and its Beneficiaries” testimony before the Joint Economic Committee, November 4, 2015.

“The Coming Crisis: Social Security Disability Insurance Trust Fund Insolvency” testimony before the Senate Budget Committee, February 11, 2015.

“The Rise in SSDI Enrollment, the Impact on the Labor Market, and the Need for Reform,” testimony before the Social Security Subcommittee of the U.S. House Committee on Ways and Means, June 19, 2013.

Research Grants

Laura and John Arnold Foundation. Strengthening Economic Policy Relevant Research at SIEPR. 2016-2018.

Alfred P. Sloan Foundation. The Labor Market Effects of the Affordable Care Act. 2016-2018 (Co-PI: Gopi Shah Goda).

Alfred P. Sloan Foundation. The Labor Market Effects of the VA’s Disability Compensation Program. 2015-2017 (Co-PI: Courtney Coile).

National Institute on Aging. P01 AG00584 Project 7: Disability Programs, Health, and Work at Older Ages around the World. Co-Investigator (PI: David Wise). 2011-2015.

Social Security Administration, Public Health Expenditures on the Working Age Disabled: Assessing Medicare and Medicaid Utilization of SSDI and SSI Recipients. Co-principal investigator (Co-PIs: David Autor and Amitabh Chandra), 2008-2010.

Social Security Administration. How Has the Growth of the Disability Compensation program affected the SSI and OASDI Programs? Co- principal investigator (Co-PI: David Autor), 2007– 2008.

National Science Foundation. Government Procurement of Pharmaceuticals. 0518858. Co-Principal investigator (PI: Fiona Scott Morton), 2005 – 2011.

Social Security Administration. #10-P-98363-1-04. How Does the Design of Social Security Affect Work and Retirement Decisions? Disability Insurance and Labor Supply Forecasts. Co-Principal investigator (Co-PI: David Autor), 2006 – 2007.

National Institute of Child Health and Development. The Impact of Child SSI Enrollment. R03HD050441. Principal Investigator (Co-PI: Melissa Kearney), 2005 – 2008.

Robert Wood Johnson Foundation. The Effect of HMO Contracting on Government Spending and Health Care Quality. Principal Investigator, 2002 – 2004.

Sandell Center for Retirement Research. The Rise in the Disability Rolls and the Decline in Unemployment. Co-principal investigator (Co-PI: David Autor), 2001 – 2002.

Fellowships and Awards

National Institute for Health Care Management Research Award (with Fiona Scott Morton), 2011.

ASHEcon Medal awarded once every two years to “Economist Age 40 and under who has Made the Most Significant Contributions to the Field of Health Economics”, 2010.

Raymond Vernon Prize (with Melissa Kearney) for Best Article in the *Journal of Policy Analysis and Management*, 2007.

University of Maryland Undergraduate Student Teaching Award, 2006.

University of Maryland Graduate Student Teaching Award, 2005, 2006.

Alred P. Sloan Foundation Research Fellow, 2004 - 2006.

Journal of Political Economy Griliches Award, Honorable Mention, 2002.

University of Chicago Faculty Appreciation Award, 2000 (awarded by economics Ph.D students)

Alfred P. Sloan Foundation Doctoral Dissertation Fellowship, 1998-99.

Harvard’s Derek Bok Center Award for Excellence in Undergraduate Teaching, 1997 and 1998.

NBER Not-for-Profit Fellowship, 1997-98.

Harvard University Positive Political Economy Fellowship, 1996-97.

Harvard University Economics Department Fellowship, 1994-98.

Harvard University Albert J. Lynch Fellowship, 1994-98.

M.I.T. Frederick Hennie Award for Excellence in Undergraduate Teaching, 1994.

William T. Grant Foundation Fellowship, 1993-94.

Professional Activities

Advisory Board, Nuna Health, 2015 – present.

National Institutes of Health, Health and Retirement Study Data Monitoring Committee, 2014 - present.

American Economic Association, Committee on Government Relations, 2013 – present.

National Bureau of Economic Research IRB Committee, 2012 – 2015.

U.S. Bureau of Economic Analysis, Health Experts Advisory Group, 2012 – present.

Leonard Davis Institute, Senior Fellow, 2011 – 2014.

Penn Fellow (one of 8 faculty selected university-wide), 2011-13.

Social Security Advisory Board, Technical Panel on Assumption and Methods, 2010 – 2011.

Food and Drug Administration, Special Government Employee, 2011.

Advisory Board Member, McKinsey Center for U.S. Health System Reform, 2010 - 2012.

Research Associate, National Bureau of Economic Research, 2007–present.

Faculty Research Fellow, National Bureau of Economic Research, 2000-2007

Research Associate, Maryland Population Research Center, 2003-2011.

Co-organizer (with Amy Finkelstein) of NBER Public Economics Program meeting, Spring 2007.

Organizer of NBER Health Care meeting, Autumn 2007.

Member of Committee to Select Editor of *American Economic Journal: Applied Economics*, 2006-07.

Member of Social Security Administration’s Technical Advisory Panel for Modeling the Effect of Social Security Reform on the SSDI Program, 2004-05.

Program Committee Member for the Econometric Society's 2005 World Congress.

Co-organizer (with Steven Levitt) of NBER Universities’ Research Conference “The Economic Analysis of Government Expenditure Programs,” 2002.

Member of American Economic Association and American Society of Health Economists.

Editorial and Referee Service

Board of Editors, *American Economic Journal: Economic Policy*, 2007-2012, 2015 – present.

Co-Editor, *American Economic Journal: Economic Policy*, 2012 – 2015.

Co-Editor, *Journal of Public Economics*, 2010-2013.

Associate Editor, *Journal of Public Economics*, 2007-2010.

Board of Editors, *Demography*, 2005-2007.

Referee for: *American Economic Journal: Economic Policy*, *American Economic Review*, *B.E. Journals in Economic Analysis and Policy*, *Demography*, *Econometrica*, *Economic Inquiry*, *Economic Journal*, *Economics Letters*, *European Economic Review*, *Health Affairs*, *Health Economics*, *Health Services Research*, *Industrial and Labor Relations Review*, *Journal of the American Medical Association*, *Journal of Applied Econometrics*, *Journal of Development Economics*, *Journal of Economics and Management Strategy*, *Journal of Economic Literature*, *Journal of the European Economic Association*, *Journal of Health Economics*, *Journal of Human Resources*, *Journal of Labor Economics*, *Journal of Law and Economics*, *Journal of Legal Studies*, *Journal of Policy Analysis and Management*, *Journal of Political Economy*, *Journal of Public Economics*, *Labour Economics*, *National Institute of Health*, *National Science Foundation*, *Quarterly Journal of Economics*, *Review of Economics and Statistics*, *Review of Economic Studies*, *Review of Industrial Organization*, *Southern Economic Journal*.

Stanford University Service

Senate of the Academic Council, 2016 - present.

Stanford Fellows program, 2016 – present.

Faculty Athletic Fellow, Stanford Cross-Country and Track and Field Teams, 2016 - present.

Faculty Advisory Board, Haas Center for Public Service, 2015 – present.

Executive Committee Chair, Public Policy Program, 2015 – present.

Pre-Major Advisor, 2015 – present.

Wharton Service

Member of Executive Committee, Leonard Davis Institute for Health Economics, 2012-14.

Chair of Business and Public Policy Department's Junior Recruiting Committee, 2011-12.

Member of Wharton Personnel Committee, 2011-12.

University of Maryland Service

Member of Economics Department Executive Committee, 2004-06, 2008-09.

Chair of Economics Department Junior Recruiting Committee, 2004-05, 2007-08.

Member of Economics Department Junior Recruiting Committee, 2004-06, 2007-08.

Member of Economics Department Senior Recruiting Committee, 2006-07, 2008-09.

Member of Economics Department Salary Committee, 2006-09.

Presentations:

2013-present: Arizona State University, ASSA Annual Meetings, University of British Columbia (scheduled), Brookings Institution, Brown University, University of California at Berkeley, University of California at Irvine, University of California at Los Angeles, University of California at Santa Barbara, University of Chicago (scheduled), Columbia University, Congressional Budget Office, Duke University, Federal Reserve Board of Governors, University of Illinois at Urbana-Champaign, London School of Economics, M.I.T., Michigan State, University of Minnesota, NBER, University of Oregon, Princeton University, RAND, Stanford University.

2010-2012: ASSA Annual Meetings, Boston University, Brown University, University of California at Berkeley, University of Chicago, Columbia University, Cornell University, Harvard University, University of Illinois at Chicago, Institute for Fiscal Studies, Johns Hopkins University, M.I.T., National Tax Association, NBER, Northwestern University, Princeton University, Renaissance Technologies, University of Pennsylvania (Wharton), Rice University, University of Southern California, Stanford University, Warwick University, Yale University.

2007-2009: American Enterprise Institute, American Society of Health Economists, American University, ASSA Annual Meetings, Brown University, Bureau of Economic Analysis, Centers for Medicare and Medicaid Services, Columbia University, Dartmouth College, Duke University, Georgetown University, Georgia State, Harvard University, University of Houston, University of Illinois at Urbana-Champaign, NBER, RAND, Stanford University, Syracuse University, University of Houston, University of Maryland, U.S. Department of Veterans Affairs.

2006-2007: ASSA Annual Meetings, Brigham Young University, Brookings Institution, University of California at Berkeley, CINP 2006 Chicago Congress, Federal Trade Commission, Free University of Amsterdam, Harvard University (KSG), University of Illinois at Chicago, NBER, National Center of Health Statistics, University of Pittsburgh / Carnegie Mellon, Population Association of America, Social Security Administration, Southern Economic Association, Yale University.

2005-2006: American Society of Health Economists, Boston University, Brookings Institution, University of California at Berkeley, Georgetown University, George Washington University, NBER-CCER Conference in Beijing, University of North Carolina at Chapel Hill, University of Pennsylvania (Wharton), Population Association of America, Princeton University, University of Rochester, Stanford Graduate School of Business, Washington University.

- 2004-2005: Centers for Medicare and Medicaid Services, Cornell University, Federal Trade Commission, Harvard University, MIT, University of Michigan, HEC Montreal, NBER, Northwestern University (Kellogg), RAND, Stanford University, SUNY-Buffalo, Urban Institute, World Bank, Yale School of Public Health.
- 2003-2004: ASSA Annual Meetings, Baruch College, Brookings Institution, Case Western Reserve University, University of Chicago, Columbia University, George Mason University, NBER, University of Pennsylvania (Wharton), Social Security Administration, University of Virginia.
- 2002-2003: University of British Columbia, Brown University, University of California at San Diego, Case Western Reserve University, University of Chicago GSB, University of Colorado at Denver, Columbia University, Harvard University, NBER, Princeton University, University of Texas at Austin, University of Wisconsin at Madison.
- 1998-2002: ASSA Annual Meetings, University of California at Berkeley, University of California at Los Angeles, University of Chicago, Duke University, Harvard University, Mathematica, MIT, University of Michigan, NBER, Northwestern University, Princeton University, Stanford University, University of Wisconsin at Madison.

University of Chicago Ph.D. Advisees (with first job placement)

Rodrigo Garcia-Verdu, 2000, Mexico Central Bank
 Rena Rosenberg, 2000, McKinsey and Company
 Joseph Doyle, 2001, M.I.T. Sloan School
 Ming-Jen Lin, 2001, National Taiwan University
 Deborah Healy, 2002, U.S. Department of Justice
 Grecia Marrufo, 2002, Stanford post-doctoral fellowship
 Raphael de Coninck, 2003, NYU post-doctoral fellowship
 Damien de Walque, 2003, World Bank
 Chris Rohlfs, 2006, Syracuse University

University of Maryland Ph.D. Advisees (with first job placement, ** indicates Chair or Co-Chair)

Jennifer Goodwin, 2004, Duke post-doctoral fellowship
 Rubiana Chamabagwala, 2005, Indiana University
 Julian Cristia, 2006, Congressional Budget Office
 Beomsoo Kim, 2006, University of North Carolina at Greensboro
 Gaobo Pang, 2006, Watson Wyatt
 Heng Wei, 2006, Price Waterhouse Coopers
 Alex Whalley, 2006, University of California at Merced
 Janet Hao, 2007, Conference Board
 Scott Imberman **, 2007, University of Houston
 Emily Owens, 2007, Cornell University, Public Policy and Management

Perry Singleton **, 2007, Syracuse University
Aparajita Goyal **, 2008, World Bank
Melissa Powell McInerney, 2008, College of William and Mary
Melinda Sandler, 2008, North Carolina State University
Meltem Daysal, 2009, Tillburg University
Craig Garthwaite **, 2009, Northwestern University (Kellogg)
Tamara Hayford **, 2009, Congressional Budget Office
Jessica Hennessey, 2009, Furman University
Yeon Soo Kim, 2010, Korea Development Institute
Lingsheng Meng **, 2010, Tsinghua University
Quynh Nguyen, 2010, World Bank
Li Tang, 2010, Inter-American Development Bank
Abby Alpert **, 2011, RAND
Diether Beuermann **, 2011, IADB
Keith Kranker **, 2011, Mathematica
Timothy Moore, 2012, George Washington University

Wharton Ph.D. Advisees (with first job placement, ** indicates Chair or Co-Chair)

Adam Isen, 2013, U.S. Department of the Treasury
Jillian Popadak, 2014, Duke University (Fuqua)
Daniel Sacks, 2014, Indiana University (Kelley)
Victoria Perez, 2015, Indiana University (SPEA)
Boris Vabson **, 2016, Nuna Health.
Andrew Johnston **, 2016, University of California at Merced.

Stanford Ph.D. Advisees (with first job placement)

Joe Orsini, 2016, Nuna Health
Pietro Tebaldi, 2016, University of Chicago
Monica Bhole, 2017 (expected), Pandora
Atul Gupta, 2017 (expected), University of Pennsylvania (Wharton)
Kevin Nguyen, 2017 (expected), Amazon

Popular Press Coverage

Boston Globe, Business Week, CNN, Christian Science Monitor, Economist, Financial Times, Los Angeles Times, NPR, New York Times, Wall Street Journal, and others.