

Douglas L. Miller

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Department of Policy Analysis and Management
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Positions

July 2016- Professor of Policy Analysis and Management, Cornell University
July 2018- Associate Chair, Department of Policy Analysis and Management, Cornell University
October 2019- Professor of Economics, Cornell University
Nov 2018- Co-Editor, Journal of Human Resources
July 2019- Associate Editor, Quantitative Economics

2015-2016 Professor of Economics, University of California, Davis

2014-present Research Associate, National Bureau of Economic Research

2011-2013 Visiting Associate Professor, Woodrow Wilson School of Public Policy, Princeton University
Visiting Lecturer, Woodrow Wilson School of Public Policy, Princeton University
Visiting Fellow, Center for Health and Well-Being, Princeton University

2008-2015 Associate Professor of Economics, University of California, Davis

2006-2014 Faculty Research Fellow, National Bureau of Economic Research

2005-2006 Visiting research fellow in the Economics of Aging, NBER

2002-2008 Assistant Professor of Economics, University of California, Davis

2000-2002 Robert Wood Johnson Postdoctoral Scholar in Health Policy Research, University of California, Berkeley

Education

Princeton University
Ph.D., Economics, 2000, M.A., Economics, 1997
Advisers: Angus Deaton, Christina Paxson, Bo E. Honoré

University of California, Santa Cruz
B.A., Mathematics and Economics, 1995, *Highest Honors in Economics, Honors in Mathematics, College Honors*

Research Interests Applied Econometrics, Labor, Public, Health, Development

Publications and Forthcoming Papers

- “Caution Drivers! Children Present. Autos, Pollution, and Infant health,” with Chris Knittel and Nick Sanders. May 2016, *The Review of Economics and Statistics*. 98(2): 350-366.
- “The Best of Times, the Worst of Times: Understanding Pro-cyclical Mortality” with Mateusz Filipiński, Marianne Page, and Ann Stevens. November 2015, *American Economic Journal: Economic Policy*. 7(4): 279-311.
- “A Practitioner’s Guide to Cluster-Robust Inference,” with A. Colin Cameron. March 2015, *Journal of Human Resources*.
- “Income, the Earned Income Tax Credit, and Infant Health,” with Hilary W. Hoynes and David Simon. February 2015, *American Economic Journal: Economic Policy*.
- “Head Start Origins and Impacts” with Chloe Gibbs and Jens Ludwig. 2013. Chapter 2 in *Legacies of the War of Poverty*, Bailey and Danziger, eds, Russell Sage Foundation.
- “The effects of housing and neighborhood conditions on child mortality”, with Brian A. Jacob and Jens Ludwig. *Journal of Health Economics*. January 2013, 32(1), pp 195-206.
- “Who suffers during recessions?” with Hilary W. Hoynes and Jessamyn Schaller. *Journal of Economic Perspectives*, Summer 2012, 26(3), pp 27-48
- “Robust inference with Multiway Clustering,” with A. Colin Cameron and Jonah B. Gelbach. *Journal of Business and Economic Statistics*. April 2011, Vol. 29. No. 2. pp 238-249.
- “Robust inference with clustered data,” with A. Colin Cameron. Chapter 1, *Handbook of Empirical Economics and Finance*, Ullah and Giles, eds., 2010, pp. 1-28.
- “Why are recessions good for your health?” with Marianne Page, Ann Stevens, and Mateusz Filipiński. *American Economic Review Papers and Proceedings*, May 2009, 99:2, 122–127.
- “Bootstrap-Based Improvements for Inference with Clustered Errors,” with A. Colin Cameron and Jonah. B. Gelbach. August 2008. *Review of Economics and Statistics*, Vol 90, No 3, 414-427.
- “Does Head Start improve children’s outcomes? Evidence from a regression discontinuity design,” with Jens Ludwig. *Quarterly Journal of Economics*, February 2007. Vol 122, No. 1.
- “Relative income, race, and mortality,” with Christina Paxson. *Journal of Health Economics*, 2006. Vol 25. pp. 979-1003.
- “Social capital and health in Indonesia,” with Richard Scheffler, Suong Lam, Rhonda Rosenberg, and Agnes Rupp. *World Development*, June, 2006, Vol 34, No. 6.
- “Rearranging the family? Income Support and Elderly Living Arrangements in a Low-Income Country,” *Journal of Human Resources*, 40(1), pages 186-207, Winter 2005, with Eric V. Edmonds and Kristin Mammen.

“Public policy and extended families: Evidence from South Africa,” *The World Bank Economic Review*, Volume 17, Number 1, pages 27-50, 2003 with Marianne Bertrand and Sendhil Mullainathan.

“Exploring the health-wealth nexus,” *Journal of Health Economics*, Volume 22, pages 713-730, 2003, with Jonathan Meer and Harvey S. Rosen.

Working Papers

“Event Study Models,” February 2021

“Selection into Identification in Fixed Effects Models, with Application to Head Start,” with Na’ama Shenhav and Michel Grosz. January 2021. Revisions submitted.

“Matching on Noise: Bias in the Synthetic Controls Estimator” with Joseph Cummins, David Simon, and Brock Smith

“The South African pension program and the health of the elderly and their families: Evidence from October Household Surveys,” with Deanna Gordon, updated June 2012.

“Does Head Start do any Lasting Good?” with Chloe Gibbs and Jens Ludwig. September 2011. NBER Working paper #17452.

“What underlies the black-white infant mortality gap? The importance of birthweight, behavior, environment, and health care,” updated December 27, 2010.

“Informal insurance and moral hazard: Gambling and remittances in Thailand,” with Anna Paulson, updated June 2007.

“Income inequality and mortality in the US: Aggregate data and micro relationships,” UC Berkeley, November 2001.

Work in Progress

“Event study Models”

“Dynamic Treatment Effects for Empirical Microeconomists: Local Projections and Quasi-Experimental Research Designs,” with Gaetano Basso and Jessamyn Schaller

“Robust Inference with Dyadic Data” with A. Colin Cameron

“COPS evaluation using regression discontinuity” with Max Kapustin, Jens Ludwig and Phil Cook

“Can high-frequency data and non-experimental research designs recover causal effects? Validation using an electricity usage experiment” with Katrina K. Jessoe and David S. Rapson.

Fellowships and Grants

Cornell Center for the Study of Inequality, 2017-2019 “The Long Run Impacts of Head Start: Creating a new funding panel dataset, and new evidence on the program’s effectiveness in promoting equality of opportunity”

Cornell Population Center Grant Development Program 2017-2018 “The Long Run Impacts of Head Start: Creating a new funding panel dataset, and new evidence on the program’s effectiveness in promoting equality of opportunity”

National Science Foundation: “Why are recessions good for your health?” 2009-2012, (with Ann Stevens and Marianne Page), SES-0922551.

Institute for Governmental Affairs, Junior Faculty Research Grant, UC Davis, 2003, 2004, 2006

Center for Economics and Demography of Aging, UC Berkeley, Pilot Project Grant, 2000, 2003, 2008

Robert Wood Johnson Foundation: Scholars in Health Policy Postdoctoral Fellowship Program, UC Berkeley, 2000-2002

National Science Foundation: Graduate Student Fellowship, 1996-1997 and 1998-2000

Social Science Research Council: International Predissertation Fellowship Program, Thailand, 1997-1998

Invited Presentations

2020-2021

University of Delaware

2019-2020

University of Toronto

UC Davis

Upstate Population Workshop, Syracuse University

University of Delaware (planned)

2018-2019

University of Illinois Urbana-Champaign, November 2018

University of Kentucky, January 2019

Brandeis University March 2019

University of Buffalo April 2019

Federal Reserve Bank of New York June 2019

2000-2018

All-UC Labor Economics Conference

ASSA Winter meetings (x4)

BU/Harvard/MIT Health Seminar

California Department of Health Services, Maternal and Child Health Division

Carleton University

Case Western Reserve University
Claremont McKenna College
Cornell Population Center – CAPS Upstate Population Workshop, October 2016
Cornell University, Policy Analysis and Management (x2)
Dartmouth College, Department of Economics
Federal Reserve Bank of Chicago
Federal Reserve Bank of San Francisco
Harvard Labor seminar
Institute for Research on Poverty Summer Conference, Madison WI
McGill University
MIT, Labor/Development Seminar
NBER Spring meetings of the Economics of Children
NBER Summer Institute, Economics of Aging
NBER Summer Institute, joint Childrens and Labor economics
NBER Labor Studies Spring meetings, San Francisco Fed
Northeastern Universities Development Consortium
Princeton University Center for Health and Wellbeing (x3)
Princeton University development seminar
Public Policy Institute of California
Queen’s Univeristy
RAND (x2)
RWJF Scholars in health policy annual meeting
Simon Fraser University
Stanford, Department of Economics (x2)
Syracuse University, Social Policy conference
Univeristy of British Columbia
UC Berkeley, Agricultural and Resource Economics
UC Berkeley Demography brown bag
UC Berkeley development seminar
UC Berkeley labor lunch (x2)
UC Berkeley, Public Policy
UC Center Sacramento
UC Davis Center for Health Services Research in Primary Care
UC Davis Department of Economics
UC Davis Institute for Social Sciences
UC Davis War on Poverty Conference (2014)
UC Irvine, Department of Economics (x2)
UC Santa Barbara conference “Quasi-Experimental Methods in Health”
UCLA , Applied Microeconomics Seminar (x2)
UC Riverside (x3)
UC Santa Cruz, Department of Economics (x2)
UCSD, Applied Microeconomics Seminar
University of Chicago, Department of Health Studies
University of Chicago Demography workshop
University of Colorado, Boulder, Economics
University of Conneticut
University of Illinois at Urbana-Champaign (x2)
University of Maryland
University of Oregon
USC, Development Seminar

University of Victoria
Wellesley College
World Bank Development Economics Research Group

Courses Taught at Cornell

Multivariate Regression (PAM 3100)
Applied Econometrics I, PhD (PAM 6090 / ECON 6590)
Applied Multivariate Statistics for Public Administration, MPA (PADM 5310)

Courses Taught at UC Davis

Intermediate Microeconomics (ECN 100)
Introduction to Data Analysis (ECN 102)
Labor Economics (ECN 151A)
Senior Honors Thesis (ECN 194H)
PhD Seminar Preparation (ECN 207)
PhD Empirical Methods in Public and Labor (ECN 230B)

Courses Taught at Princeton University

MPP level Microeconomics, Accelerated (WWS 511d)

PhD Dissertation committee member

Julia Zhu (dissertation chair) Cornell, Policy Analysis and Management
Shiyi Zhang (dissertation chair), Cornell, Economics
Rene Crespin, Cornell, Policy Analysis and Management
Stephenson Strobel, Cornell, Policy Analysis and Management
Grace Phillips, Cornell, Policy Analysis and Management
Giulia Olivero (dissertation chair) Cornell, Policy Analysis and Management
Amanda Eng, Cornell, Economics
Muye Chen, Cornell, Economics
Zihan Hu, Cornell, Economics
Katelyn Heath, Cornell, Policy Analysis and Management, Cornell PhD 2020, Postdoc at Rice University
Armand Sim, Cornell, Applied Economics, Cornell PhD 2020,
Jun Hyun Yun, Cornell, Economics, Cornell PhD 2020, Korean Labor Institute
Maulik Jagani, Cornell, Applied Economics, Cornell PhD 2019, Postdoc with Rohini Pande, Yale University Economics
Angela Cools, Cornell, Economics, Cornell PhD 2019, Davidson College
Chuan He (dissertation co-chair), UCD PhD 2018, Huazhong University of Science and Technology
Esra Kose (dissertation chair) UCD PhD 2017, Bucknell University
Ariel Pihl (dissertation chair) UCD PhD 2017, postdoc at Gothenburg University, Sweden
Zhe Yang (dissertation chair) UCD PhD 2017, Institute of Economic and Social research, Jinan University, China
Vasco Yasenov (dissertation co-chair) UCD PhD 2017, postdoc at UC Berkeley Goldman School of Public Policy
Na'ama Shenhav (dissertation co-chair), UCD PhD 2016, Dartmouth College
Gaetano Basso, UCD PhD 2016, Bank of Italy
Andrew Foote, UCD PhD 2015, Census
Xiaohan Zhang, UCD PhD 2015, Cal State University, Los Angeles
Joseph R. Cummins (dissertation co-chair), UCD PhD 2014, UC Riverside
David Simon (dissertation co-chair), UCD PhD 2013, University of Connecticut

T.J. McCarthy (dissertation chair), UCD PhD 2012, Assistant Teaching Professor, USC Public Policy
Ankur Patel, UCD PhD 2012, US Treasury
Danielle Sandler, UCD PhD 2012, Freddie Mac
Jessamyn Schaller, UCD PhD 2012, University of Arizona
Rebecca Reed-Arthurs, UCD PhD 2012, Berkeley Research Group
Kim Singer Babiarz (UCD Agricultural and Resource Economics), PhD 2011.
Charles Stoecker, UCD PhD 2011, Centers for Disease Control
Nick Sanders (dissertation co-chair), UCD PhD 2010, PostDoc at Stanford Institute for Economic and Policy Research
Mike Grabner (dissertation chair), UCD PhD 2009, PostDoc with University of Maryland Baltimore School of Pharmacy
Peter Huckfeldt (dissertation co-chair), UCD PhD 2009, RAND Corp.
Shahar Sansani (dissertation chair), UCD PhD 2009, College of Management Academic Studies, Rishon Lezion, Israel
Jason Lindo, PhD UCD 2009, University of Oregon
Matthew C. Pearson, UCD PhD 2009, Ashenfelter and Ashmore
Jonathan Hughes (UCD Transportation Technology and Policy), PhD 2009, U Colorado - Boulder
Alan Barreca (dissertation co-chair) UCD PhD 2008, Tulane University
Juan Du, UCD PhD 2008, College of New Jersey
DaeHwan Kim, UCD PhD 2008, Korean Insurance Research Institute
Michelle Amaral, UCD PhD 2007, University of the Pacific
Melanie Guldi, UCD PhD 2006, Mount Holyoke College

Cornell Department and University Service

Associate Chair, Policy Analysis and Management, 2018-current (Interim 2018-2019)
Co-Training-Director, Cornell Population Center, 2018-current
Co-chair, Economics Superdepartment Committee, 2020-2021
Member, PAM Working Group on Diversity, Equity, and Inclusion, 2020-2021
Chair of PAM search committee, 2019-2020, co-chair 2020-2021
Member of Econ search committee, 2019-2020
Chair of department Chair search committee, Policy Analysis and Management, 2018-2019
Economics graduate student selection committee, AY 2016-2020
PAM graduate student selection committee, AY 2019-2020
Mann Library Committee, 2017-2020

UC Davis Department and University Service

Chair, Graduate Studies Committee (2013-2016)
Chair, Development Economics recruiting subcommittee (2015-2016)
Center for Poverty Research executive committee (2013-2014)
Davis Honors Challenge advisor (Winter 2004; Spring 2005; Winter 2007, Spring 2014)
Applied Microeconomics seminar coordinator (Spring 2003, Fall 2013)
Applied Microeconomics Brown Bag co-coordinator (2003-2004, 2006-2007, 2008-2010, Fall 2013)
Hellman Fellowship Review Panel (2010-2011)
Chair, Department undergraduate studies committee (2010-2011)
Undergraduate Council (2008-2010)
Undergraduate Council General Education Committee (2009-2010)
Graduate Advising Committee (2009-2010)
IGA Junior Faculty Grant review committee (2009-2010)
Undergraduate Advising committee (2002-2005, 2006-2007)
Computer committee (2004-2005, 2006-2007)

Co-organizer, UCD conference, "Income and Health" (May 2004)
Teaching evaluation committee (2006-2007)
Advisor for Philip Khan's UCD undergraduate research project (2003-2004)
Undergraduate Senior Thesis secondary advisor, Tangel Chang
Letters and Sciences Assembly Representative (2003-2005)
Social Sciences committee (2003-2004)
Economy, Justice, and Society committee (2003-2004)
Dean's Advisory committee (2004-2005)
Dean's computer lab steering committee (2004-2005)

Referee & review service

I have completed approximately 370 referee reports (recent pace about 18 / year), for the following journals:

Quarterly Journal of Economics (x45), American Economic Journals – Economic Policy (x24), American Economic Review (x22), Journal of Human Resources (x19), American Economic Journal – Applied Economics (x19), Journal of Public Economics (x17), Review of Economics and Statistics (x15), Journal of Development Economics (x12), Journal of Health Economics (x11), Social Science and Medicine (x11), Economic Development and Cultural Change (x10), National Science Foundation (x9), Journal of Business and Economics Statistics (x8), Berkeley Electronic Journals of Economic Analysis and Policy (x7), Journal of Econometrics (x7), Journal of Labor Economics (x7), Contemporary Economic Policy (x5), Empirical Economics (x5), Industrial Labor Relations Review (x5), Journal of Political Economy (x5), Journal of Policy Analysis and Management (x5), Demography (x4), Journal of Applied Econometrics (x4), Scandinavian Journal of Economics (x4), The Economic Journal (x4), European Economic Review (x3), Quantitative Economics (x3), Review of Economic Studies (x3), Proceedings of the National Academy of Sciences (x2), American Economic Review Insights (x2), International Economic Review, Journal of the Royal Statistical Society, Journal of the American Statistical Association, NIH, National Academy of Sciences, PLOS One, Sloan Foundation, and approximately 47 other journals or funding organizations.

Excellence in Refereeing Award, American Economic Review, 2016, 2017.