

MICHAEL L. ANDERSON

CONTACT INFORMATION

University of California, Berkeley
Department of Agricultural and Resource Economics
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MAIN ACADEMIC APPOINTMENT

University of California, Berkeley
Professor of Agricultural and Resource Economics (2020-)
Associate Professor of Agricultural and Resource Economics (with tenure) (2013-2020)
Assistant Professor of Agricultural and Resource Economics (2008-2013)

OTHER CURRENT ACADEMIC APPOINTMENTS

University of California, Berkeley
Affiliate Faculty, Health Services and Policy Analysis Program (2008-)
Affiliate Faculty, University of California Center for Energy and Environmental Economics (2011-)
Affiliate Faculty, Institute of Transportation Studies (2012-)
National Bureau of Economic Research
Research Associate (2014-)
Faculty Research Fellow (2012-2014)
Journal of Health Economics
Editor (2021-2023)

EDUCATION

Massachusetts Institute of Technology
Ph.D. in Economics, 2006. Fields in Labor and Econometrics.
Dissertation: *Essays in Public Health and Early Education*
Swarthmore College
B.A. in Economics with Highest Honors, 1999

PREVIOUS POSITIONS

Journal of Human Resources
Associate Editor (2016-2020)
Stanford University
Visiting Scholar (2017-2018)
Journal of the European Economic Association
Associate Editor (2013-2018)
University of California, Berkeley
Robert Wood Johnson Scholar in Health Policy Research (2006-2007)
Federal Reserve Bank of New York
Research Associate/Assistant Economist, Domestic Research Function (1999-2001)

PUBLICATIONS

[“Uber and Traffic Fatalities.”](#) Joint with Lucas Davis. Forthcoming, *Review of Economics and Statistics*.

[“As the Wind Blows: The Effects of Long-Term Exposure to Air Pollution on Mortality.”](#) 2020. *Journal of the European Economic Association*. 18(4): pp. 1886-1927.

[“An Empirical Test of Hypercongestion in Highway Bottlenecks.”](#) Joint with Lucas Davis. 2020. *Journal of Public Economics*. 187: 104197.

[“The Effect of Influenza Vaccination for the Elderly on Hospitalization and Mortality: An Observational Study With a Regression Discontinuity Design.”](#) Joint with Carlos Dobkin and Devon Gorry. 2020. *Annals of Internal Medicine*. 172(7): pp. 445-452.

[“Physical activity and weight following car ownership in Beijing, China: quasi-experimental cross sectional study.”](#) Joint with Fangwen Lu and Jun Yang. 2019. *BMJ*. 367: l6459.

[“School Meal Quality and Academic Performance.”](#) Joint with Justin Gallagher and Elizabeth Ramirez Ritchie. 2018. *Journal of Public Economics*. 168: pp. 81-93.

[“How to Beat the Traffic.”](#) 2017. *Science*. 357(6346): pp. 36-37.

[“Learning to Manage and Managing to Learn: The Effects of Student Leadership Service.”](#) Joint with Fangwen Lu, Renmin University. 2017. *Management Science*. 63(10): pp. 3246-3261.

[“The Benefits of College Athletic Success: An Application of the Propensity Score Design with Instrumental Variables.”](#) 2017. *Review of Economics and Statistics*. 99(1): pp. 119-134.

[“Superstitions, Street Traffic, and Subjective Well-Being.”](#) Joint with Fangwen Lu, Yiran Zhang, and Ping Qin, Renmin University, and Jun Yang, Beijing Transportation Research Center. 2016. *Journal of Public Economics*. 142: pp. 1-10.

[“Peer Effects in Microenvironments: The Benefits of Homogeneous Classroom Groups.”](#) Joint with Fangwen Lu, Renmin University. 2015. *Journal of Labor Economics*. 33(1): pp. 91-122.

[“Subways, Strikes, and Slowdowns: The Impacts of Public Transit on Traffic Congestion.”](#) 2014. *American Economic Review*. 104(9): pp. 2763-2796.

[“Pounds That Kill: The External Costs of Vehicle Weight.”](#) Joint with Max Auffhammer, UC Berkeley. 2014. *Review of Economic Studies*. 81(2): pp. 535-571.

[“The Effect of Health Insurance on Emergency Department Visits: Evidence from an Age-Based Eligibility Threshold.”](#) Joint with Carlos Dobkin, UC Santa Cruz, and Tal Gross, Columbia University. 2014. *Review of Economics and Statistics*. 96(1): pp. 189-195.

[“Learning from the Crowd: Regression Discontinuity Estimates of the Effects of an Online Review Database.”](#) Joint with Jeremy Magruder, UC Berkeley. 2012. *Economic Journal*. 122(563): pp. 957-989.

[“The Effects of Promotions on Heart Disease: Evidence from Whitehall”](#) Joint with Sir Michael Marmot, UCL. 2012. *Economic Journal*. 122(561): pp. 555-589.

[“The Effect of Health Insurance Coverage on the Use of Medical Services”](#) Joint with Carlos Dobkin, UC Santa Cruz, and Tal Gross, Columbia University. 2012. *American Economic Journal: Economic Policy*. 4(1): pp. 1-27.

[“Are Restaurants Really Supersizing America?”](#) Joint with David Matsa, Northwestern. 2011. *American Economic Journal: Applied Economics*. 3(1): pp. 152-188.

[“Multiple Inference and Gender Differences in the Effects of Early Intervention: A Reevaluation of the Abecedarian, Perry Preschool, and Early Training Projects.”](#) 2008. *Journal of the American Statistical Association*

Association. 103(484): pp. 1481-1495.

[“Safety For Whom? The Effects of Light Trucks on Traffic Fatalities.”](#) 2008. *Journal of Health Economics*. 27(4): pp. 973-989.

WORKING PAPERS

[“Highly Powered Analysis Plans.”](#) Joint with Jeremy Magruder. NBER Working Paper 29843.

[“Bounds, Benefits, and Bad Air: Welfare Impacts of Pollution Alerts.”](#) Joint with Minwoo Hyun and Jaecheol Lee. NBER Working Paper 29637.

[“Split-Sample Strategies for Avoiding False Discoveries.”](#) Joint with Jeremy Magruder. NBER Working Paper 23544.

OTHER PUBLICATIONS

[“Reviews of ‘Causal Evidence that Herpes Zoster Vaccination Prevents a Proportion of Dementia Cases.’”](#) 2023. *Rapid Reviews Infectious Diseases*.

[“In Response to Donzelli.”](#) 2020. *Annals of Internal Medicine*. 173(4): pp. 322-323.

[“Subways, Strikes, and Slowdowns.”](#) 2017. *ACCESS Magazine*. 51.

[“How Leadership Experience Affects Students.”](#) Joint with Fangwen Lu. 2017. *Harvard Business Review*.

[“Pounds that Kill.”](#) Joint with Max Auffhammer. 2014. *ACCESS Magazine*. 45.

[“Does Yelp Affect Restaurant Demand?”](#) Joint with Jeremy Magruder. 2013. *ARE Update*. 16(5): pp. 1-4.

[“Reply to Barnett.”](#) 2010. *Journal of the American Statistical Association*. 105(492): pp. 1634-1635.

[“Restaurants, Regulation, and the Supersizing of America.”](#) Joint with David Matsa. 2010. *Regulation*. 33(3): pp. 40-47.

HONORS, SCHOLARSHIPS, FELLOWSHIPS, AND GRANTS

- 2019: California Air Resources Board Award 18RD022: “Estimating Induced Travel from Capacity Expansions on Congested Corridors”
- 2015: National Science Foundation Award 1461491: “Improved Methodologies for Field Experiments: Maximizing Statistical Power While Promoting Replication”
- 2012: Hellman Family Faculty Fund Recipient
- 2011: Center on the Economics and Demography of Aging Pilot Grant
- 2010: Fisher Center for Real Estate Faculty Grant
- 2010: Regents Junior Faculty Fellowship
- 2008-9: UC Energy Institute Grant
- 2007: Robert Wood Johnson Joint Fellow-Faculty Research Pilot Project Grant
- 2006-7: Robert Wood Johnson Scholar in Health Policy Research
- 2005-6: NBER Pre-Doctoral Fellowship in Aging and Health Economics
- 2001-5: National Science Foundation Graduate Research Fellowship
- 1999: Phi Beta Kappa, Swarthmore College

SAMPLE OF MEDIA COVERAGE OF RESEARCH

[Science](#), January 31, 2020, 367(6477) "[Causal evidence for effects of driving on health](#)"
[The New York Times](#), June 5, 2017, "[Feeding Young Minds: The Importance of School Lunches](#)"
[The Atlantic](#), March 22, 2017, "[Do Healthy Lunches Improve Student Test Scores?](#)"
[The Atlantic: CityLab](#), September 28, 2015, "[How Chinese Superstition About the Number 4 Makes Beijing Traffic Worse](#)"
[National Post](#), July 31, 2015, "[Big cars kill: 'Monster' vehicles may make Canadians feel safer, but they're more likely to cause fatal collisions](#)"
[The Atlantic](#), December 13, 2012, "[How Children Could Suffer From a Weaker Safety Net](#)"
[The Huffington Post](#), September 6, 2012, "[Yelp Study Shows Extra Half-Star Nets Restaurants 19% More Reservations](#)"
[The Atlantic](#), September 4, 2012, "[Slight Changes in Yelp Ratings Can Mean Huge Losses for Small Businesses](#)"
[NBC News](#), September 4, 2012, "[Yelp Restaurant Reviews Can Make or Break Eateries, Study Finds](#)"
[TechCrunch](#), September 2, 2012, "[Berkeley Study: Half-Star Change in Yelp Rating Can Make or Break a Restaurant](#)"
[The Guardian](#), September 1, 2012, "[How Online Reviews Are Crucial to a Restaurant's Takings](#)"
[KNBR 680/1050, The Sports Leader](#), July 20, 2012, "[The Damon Bruce Show](#)"
[Austin American-Statesman](#), July 6, 2012, "[Economists' Study: Winning at Football Can Help a University's Academic Reputation](#)"
[The Chronicle of Higher Education](#), July 3, 2012, "[Big-Time Football Success Yields Improvements Among Students](#)"
[The Telegraph](#), June 8, 2012, "[Promotion 'Good for the Heart'](#)"
[The Guardian](#), June 2, 2012, "[Job Promotions 'Reduce the Risk of a Heart Attack'](#)"
[Slate](#), June 27, 2011, "[Your Big Car Is Killing Me](#)"
[The Telegraph](#), October 24, 2010, "[Fast Food Restaurants 'Not to Blame' for American Obesity](#)"
[The Washington Post](#), March 24, 2010, "[A Generous Dose of Caution on Health Reform](#)"
[Chicago Tribune](#), January 30, 2009, "[Portions—Not Fast Food—May Lead to Wider Waistline, Study Shows](#)"
[The Globe and Mail](#), January 16, 2009, "Flabby Thinking Behind Fast-food Crackdown"
[US News and World Report](#), January 5, 2009, "[Nope, McDonald's Isn't Making Us Fat](#)"

PROFESSIONAL ACTIVITIES

REFEREE EXPERIENCE

American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, American Economic Journal: Microeconomics, American Economic Review, American Economic Review: Insights, American Journal of Agricultural Economics, B.E. Journal of Economic Analysis & Policy, British Journal of Industrial Relations, Demography, Energy Economics, Econometrics Journal, Economic Inquiry, Economic Journal, Economics and Human Biology, Evaluation and Program Planning, Health Economics, Industrial Relations, International Journal of Health Care Finance and Economics, International Journal of Obesity, Journal of Agricultural Economics, Journal of Applied Econometrics, Journal of the Association of Environmental and Resource Economists, Journal of Business and Economic Statistics, Journal of Environmental Economics and Management, 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 Policy Analysis and Management, Journal of Political Economy, Journal of Public Economics, Journal of Sports Economics, Journal of Urban Economics, Labour Economics, Management Science, Milbank Quarterly, Quarterly Journal of Economics, Obesity, Oxford Bulletin of Economics and Statistics, PNAS, RAND Journal of Economics, Research in Transportation Economics, Review of Economic Studies, Review of Economics and Statistics, Science, Transportation Research Part A, World Bank Economic Review

PRESENTATIONS

University of California, Berkeley (Economics) - May 2023
 NBER Summer Institute Development Economics Program - Jul 2022

London School of Economics - Feb 2022
NBER Health Economics Program - Dec 2021
Montana State University (Economics) - Nov 2021
AEA Meetings (Discussant) - Jan 2021
Indiana University Bloomington (School of Public and Environmental Affairs) - Oct 2019
Cheung Kong Graduate School of Business (CKGSB) - Jul 2019
National University of Singapore (Economics) - Apr 2019
Inter-American Development Bank - Dec 2018
American Society of Health Economists Conference (Discussant) - Jun 2018
Stanford University (Economics) - Jun 2018
Vanderbilt University (Economics) - Apr 2018
University of Melbourne (Economics) - Mar 2018
University of Sydney (Economics) - Mar 2018
University of New South Wales (Economics) - Mar 2018
University of Illinois at Urbana-Champaign (Economics) - Mar 2018
University of Connecticut (Economics) - Mar 2018
AEA Meetings (Discussant) - Jan 2018
Neyman Seminar, UC Berkeley (Statistics) - Oct 2017
AEA Meetings - Jan 2017
7th Stanford Institute for Economic Policy Research Scholars Conference (Discussant) - Sep 2016
4th IZA Conference on Labor Market Effects of Environmental Policies - Sep 2016
NBER Summer Institute Health Economics Program - Jul 2016
American Society of Health Economists Biennial Conference - Jun 2016
University of California, Irvine (Economics) - May 2016
9th Annual West Coast Experiments Conference - May 2016
Georgia State University (Economics) - Apr 2016
Hong Kong University of Science and Technology - Feb 2016
University of Toronto (Economics) - Nov 2015
Lund University (Economics) - Apr 2015
Uppsala University (Economics) - Apr 2015
University of Washington (Economics) - Apr 2015
University of Arizona (Economics) - Mar 2015
American Society of Health Economists Biennial Conference - Jun 2014
University of California, San Diego (Economics) - May 2014
University of Oregon (Economics) - May 2014
Inaugural Goldman School of Public Policy Econometrics Workshop, UC Berkeley - Dec 2013
University of British Columbia, Vancouver (Economics) - Nov 2013
NBER Summer Institute Environmental and Energy Economics Program - Jul 2013
2nd NE Conference on Energy Policy and Environmental Economics - May 2013
NYU (Public Policy) - Mar 2013
University of California, Merced (Economics) - Mar 2013
University of California, Berkeley (ARE) - Feb 2013
University of California, Berkeley (Institute of Transportation Studies) - Feb 2013
University of Houston (Economics) - Jan 2013
AEA Meetings (Discussant) - Jan 2013
Texas A&M (Economics) - Oct 2012
American Society of Health Economists Biennial Conference (Discussant) - Jun 2012
Association of Environmental and Resource Economists Summer Conference - Jun 2012
17th Annual Meetings of the Society of Labor Economists - May 2012
University of California, Berkeley (Environmental Science, Policy, & Management) - Mar 2012
13th Occasional California Workshop on Environmental and Resource Economics - Feb 2012
Erasmus University (Economics) - Oct 2011
Tilburg University (Econometrics) - Oct 2011
Tinbergen Institute (Economics) - Oct 2011

London School of Economics (Economics) - Oct 2011
Association of Environmental and Resource Economists Summer Conference - Jun 2011
RAND - May 2011
31st Meeting of the Spanish Health Economics Association - May 2011
University of California, Davis (Economics) - Apr 2011
Cornell University (Applied Economics) - Apr 2011
University of California, Berkeley (ARE) - Apr 2011
NBER Public/Environmental and Energy Economics Meetings - Apr 2011
12th Occasional California Workshop on Environmental and Resource Economics - Nov 2010
University of Mannheim (Economics) - Oct 2010
Netspar Conference on Health and Income - Oct 2010
Tilburg University (Econometrics) - Oct 2010
World Congress of Environmental and Resource Economists - Jun 2010
American Society of Health Economists Biennial Conference - Jun 2010
University of California, Irvine (Economics) - May 2010
NBER Public Economics Meetings - Apr 2010
University of California, Berkeley (ARE) - Mar 2010
University of California, Santa Barbara Human Capital Conference - Feb 2010
University of California, Berkeley (Demography) - Feb 2010
University of California, Santa Cruz (Economics) - Feb 2010
Columbia University (Economics) - Oct 2009
Indiana University-Purdue University Indianapolis (Economics) - Oct 2009
All-UC Labor Conference - Sep 2009
NBER Summer Institute Health Economics Program - Jul 2009
University of California, Berkeley (ARE) - Apr 2009
AEA Meetings - Jan 2009
University of Illinois, Chicago (Economics) - Nov 2008
NBER Conference on the Economic Aspects of Obesity (Discussant) - Nov 2008
NBER Summer Institute Health Economics Program - Jul 2008
American Society of Health Economists Biennial Conference - Jun 2008
RWJF Scholars in Health Policy National Meeting - May 2008
University of California, Berkeley (UC Energy Institute) - May 2008
University of California, Berkeley (ARE) - Mar 2008
AEA Meetings (Discussant) - Jan 2008
University of California, Berkeley (Economics) - Oct 2007
University of California, Berkeley (Public Policy/IGERT Seminar) - Sep 2007
University of California, Berkeley (Health Economics Workshop) - Apr 2007
AEA Meetings (Discussant) - Jan 2007
University of California, Davis (Economics) - Nov 2006
University of Maryland, College Park (AREC) - Oct 2006
University of Minnesota/Minneapolis Fed Applied Micro Workshop - Oct 2006
NBER Economics of Education Program Meetings - Apr 2006
University of Maryland, College Park (Economics) - Feb 2006
University of Washington, Seattle (Economics) - Feb 2006
Carnegie Mellon University (Economics) - Jan 2006
Brown University (Economics) - Jan 2006
University of California, Berkeley (ARE) - Jan 2006
MIT Public and Labor Economics Seminar - Nov 2005

PROFESSIONAL MEMBERSHIPS

American Economic Association
American Society of Health Economists