

# MICHAEL L. ANDERSON

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## 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)

## 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 Health Economics  
Editor (2021-2023)  
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*.

[“Does telecommuting reduce trip-making? Evidence from a U.S. panel during the COVID-19 pandemic.”](#)  
Joint with Hassan Obeid, Mohamed Amine Bouzaghanea, and Joan Walker. 2024. *Transportation Research Part A: Policy and Practice*. 180.

- [“Early Pandemic Behaviors and the Role of Vaccines in Reversing Pandemic Mobility Trends: Evidence from a U.S. Panel.”](#) Joint with Hassan Obeid, Mohamed Amine Bouzaghanea, Meiqing Li, Madeleine Parker, Drake Hayes, Karen Frick, Daniel Rodriguez, Daniel Chatman, Raja Sengupta, and Joan Walker. 2024. *Transportation Research Record*.
- [“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. 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, Ping Qin, and Jun Yang. 2016. *Journal of Public Economics*. 142: pp. 1-10.
- [“Peer Effects in Microenvironments: The Benefits of Homogeneous Classroom Groups.”](#) Joint with Fangwen Lu. 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. 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 and Tal Gross. 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. 2012. *Economic Journal*. 122(563): pp. 957-989.
- [“The Effects of Promotions on Heart Disease: Evidence from Whitehall”](#) Joint with Sir Michael Marmot. 2012. *Economic Journal*. 122(561): pp. 555-589.
- [“The Effect of Health Insurance Coverage on the Use of Medical Services”](#) Joint with Carlos Dobkin and Tal Gross. 2012. *American Economic Journal: Economic Policy*. 4(1): pp. 1-27.

[“Are Restaurants Really Supersizing America?”](#) Joint with David Matsa. 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*. 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

“Real-world Effectiveness of the Influenza Vaccine in Children.” Joint with Carlos Dobkin, Devon Gorry, and Hung-Fu Tseng. Revision requested, *American Economic Journal: Applied Economics*.

“Health Insurance and Access to Care for the Near Elderly.” Joint with Carlos Dobkin, Nicole Maestas, and Liam Rose. Revision requested, *American Economic Journal: Economic Policy*.

[“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. Revision requested, *Economic Journal*.

[“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, BMJ, 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 Political Economy Microeconomics, 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  
7<sup>th</sup> Stanford Institute for Economic Policy Research Scholars Conference (Discussant) - Sep 2016  
4<sup>th</sup> 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  
9<sup>th</sup> 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  
2<sup>nd</sup> 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  
17<sup>th</sup> Annual Meetings of the Society of Labor Economists - May 2012  
University of California, Berkeley (Environmental Science, Policy, & Management) - Mar 2012  
13<sup>th</sup> 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  
12<sup>th</sup> 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