

Reed Walker

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Academic Positions

- 2019 – Transamerica Associate Professor of Business Strategy, UC Berkeley
- 2018 – 2019 Associate Professor, UC Berkeley, Haas School of Business and Department of Economics
- 2014 – 2018 Assistant Professor, University of California at Berkeley, Haas School of Business
- 2016 – 2018 Assistant Professor, University of California at Berkeley, Department of Economics
- Spring 2016 Visiting Assistant Professor, MIT, Department of Economics
- 2012 – 2014 Robert Wood Johnson Scholar in Health Policy, University of California at Berkeley

Academic Affiliations

- 2020 – Faculty Affiliate, Department of Agricultural and Resource Economics, UC Berkeley
- 2016 – Co-Director, Climate and Environment Initiative, UC Berkeley Opportunity Lab
- 2016 – Research Associate, Energy Institute at Haas
- 2018 – Research Associate, National Bureau of Economic Research
- 2014 – 2018 Faculty Research Fellow, National Bureau of Economic Research
- 2014 – Research Fellow, Institute for the Study of Labor (IZA)

Degrees

- Ph.D. Economics, Columbia University, 2012.
- M.A. Economics, Columbia University, 2009.
- B.A. Mathematical Economics, Colgate University, 2004.

Research

Working Papers and Papers Under Review

WHERE IS POLLUTION MOVING? ENVIRONMENTAL MARKETS & ENVIRONMENTAL JUSTICE,
with Joseph S. Shapiro, December 2020.

IS AIR POLLUTION REGULATION TOO STRINGENT,
with Joseph S. Shapiro, December 2020.

WHAT CAUSED RACIAL DISPARITIES IN PARTICULATE EXPOSURE TO FALL? NEW EVIDENCE
FROM THE CLEAN AIR ACT AND SATELLITE-BASED MEASURES OF AIR QUALITY,

with Janet Currie and John Voorheis, January 2020.
Revise and resubmit, *American Economic Review*.

IS THE SOCIAL SAFETY NET A LONG-TERM INVESTMENT? LARGE SCALE EVIDENCE FOR THE FOOD STAMPS PROGRAM, with Martha Bailey, Hilary Hoynes, and Maya Rossin-Slater, August 2020. Revise and resubmit, *Review of Economic Studies*.

Publications

CLIMATE POLICY, ENVIRONMENTAL JUSTICE, AND LOCAL AIR POLLUTION, with Meredith Fowlie and David Wooley, *Brookings Economic Studies*, October 2020.

WHAT DO ECONOMISTS HAVE TO SAY ABOUT THE CLEAN AIR ACT 50 YEARS AFTER THE ESTABLISHMENT OF THE ENVIRONMENTAL PROTECTION AGENCY? with Janet Currie, *Journal of Economic Perspectives*, 33(4), 3-26, 2019.

CONGESTION PRICING, AIR POLLUTION AND CHILDREN'S HEALTH, with Emilia Simeonova, Janet Currie, and Peter Nilsson, *Journal of Human Resources* (Forthcoming)

ENERGY COST PASS-THROUGH IN US MANUFACTURING: ESTIMATES AND IMPLICATIONS FOR CARBON TAXES, with Sharat Ganapati and Joseph S. Shapiro, *American Economic Journal: Applied Economics* 12.2 (2020): 303-42.

BRINGING SATELLITE-BASED AIR QUALITY ESTIMATES DOWN TO EARTH, with Meredith Fowlie and Edward Rubin, *AEA Papers and Proceedings*, Vol. 109, pp. 283-88, 2019

THE DISTRIBUTION OF ENVIRONMENTAL DAMAGES, with Solomon Hsiang and Paulina Oliva, *Review of Environmental Economics and Policy*, 13(1), 83-103, 2019.

WHY IS U.S. MANUFACTURING AIR QUALITY IMPROVING? THE ROLES OF TRADE, REGULATION, PRODUCTIVITY, AND PREFERENCES, with Joseph S. Shapiro, *American Economic Review*, 108(12): 3814-54, 2018.

REGULATING Mismeasured Pollution: Implications of Firm Heterogeneity for Environmental Policy, with Eva Lyubich and Joseph S. Shapiro, *American Economic Review: Papers and Proceedings*, 108: 136-42, 2018

THE RELATIONSHIP BETWEEN SEASON OF BIRTH, TEMPERATURE EXPOSURE, AND LATER LIFE WELL-BEING, with Adam Isen and Maya Rossin-Slater, December 2017, *Proceedings of the National Academy of Sciences*

EVERY BREATH YOU TAKE – EVERY DOLLAR YOU'LL MAKE: THE LONG-TERM CONSEQUENCES OF THE CLEAN AIR ACT OF 1970, with Adam Isen and Maya Rossin-Slater, *Journal of Political Economy*, 125(3): 848-902, 2017.

AIRPORTS, AIR POLLUTION, AND CONTEMPORANEOUS HEALTH, with Wolfram Schlenker *Review of Economic Studies*, 83(2): 768-809, 2016.

ENVIRONMENTAL HEALTH RISKS AND HOUSING VALUES: EVIDENCE FROM 1600 TOXIC PLANT OPENINGS AND CLOSINGS, with Janet Currie, Lucas Davis, and Michael Greenstone, *American Economic Review*, 105(2): 678-709, 2015

THE TRANSITIONAL COSTS OF SECTORAL REALLOCATION: EVIDENCE FROM THE CLEAN AIR ACT AND THE WORKFORCE, *Quarterly Journal of Economics*, 128 (4): 1787-1835, 2013.

TRAFFIC CONGESTION AND INFANT HEALTH: EVIDENCE FROM E-ZPASS, with Janet Currie *American Economic Journal: Applied Economics* 3(1): 65-90, 2011

ENVIRONMENTAL REGULATION AND LABOR REALLOCATION, *American Economic Review: Papers and Proceedings*. 101(2): 2011

Teaching

PhD Teaching

Fall 2014, Fall 2015, Applied Research Methods, PHDBA 279B

Spring 2015, Economics of Institutions, Econ 224

Spring 2017, Spring 2018, Empirical Energy and Environmental Economics, ARE 264

Spring 2018, Public Economics, Econ 230B

Spring 2020, Market Failures and Public Policy, PHDBA 279B

MBA Teaching

Fall 2015, Fall 2016, Fall 2018, Fall 2019 Data and Decisions, MBA 200S

Honors, Awards, & Fellowships

Alfred P. Sloan Foundation, Berkeley Initiative on Equity in Energy and Environmental Economics, 2021-2023 (with Meredith Fowlie and Solomon Hsiang).

Barbara and Gerson Bakar Faculty Fellow, Haas School of Business, 2020-2021.

Alfred P. Sloan Foundation, Sloan Research Fellowship, 2017

UC Berkeley Haas School of Business Schwabacher Fellowship, 2017

American Economic Review, "Excellence in Refereeing Award", 2015-2018

Institute for Research on Labor and Employment Research Grant 2015-2016

IZA Young Labor Economist Award, 2015

Barbara and Gerson Bakar Faculty Fellow, Haas School of Business, 2015-2016.

National Science Foundation, SES (with Maya Rossin-Slater), #1459940, 2015-2018

UC Center for Energy and Environmental Economics, Mini Grant 2013-2014

Institute for Research on Labor and Employment Research Grant 2013-2014

UC Center for Energy and Environmental Economics, Mini Grant 2012-2013

W.E. Upjohn Institute for Employment Research, Early Career Research Grant 2012

AcademyHealth, Article-of-the-Year Nominee and Noteworthy Articles (1 of 5 selected)

Resources for the Future, Joseph L. Fisher Doctoral Dissertation Fellowship 2011-2012

Data Gathering for Dissertation and Early Career Research on Pollution Control Aspects of Environmental Economics, Environmental Protection Agency 2010-2011

Invited and Conference Presentations

2020-2021 (including scheduled) ASSA Meetings, EDF, University of Hawaii, University of Maryland, University of Virginia, Urban Economics Association, NBER Public Economics

2019-2020 ASSA Meetings, EfIP/Harvard, NBER EEE, University of Chicago, University of Illinois at Urbana-Champaign, Stanford University, Vanderbilt University

2018-2019 ASSA Meetings, Columbia University, Environmental Defense Fund, Federal Reserve Bank of Chicago, Stanford University, Tufts University, University of Southern California, UT-Austin

2017-2018 Environmental Defense Fund, Duke, London School of Economics, Northwestern, University of Chicago, NTA Annual Meetings, Stanford University, Toulouse

2016-2017 HKUST, Kellogg School of Management, NBER-EEE, Stanford University

2015-2016 Census, Dartmouth, IZA, London School of Economics, Massachusetts Institute of Technology, NBER Energy Markets, NBER-CCER, Resources for the Future, Stanford University, UCLA, University of Michigan, University of Oxford, University of Southern California, Yale University

2014-2015: ASSA Meetings, CKGSB, NBER Cohort Studies, Stanford University, UC-Berkeley, University of Chicago - Harris School of Public Policy, AERE Summer Conference, AAEA/WAEA, WEAI

2013-2014: ASSA Meetings, Census, IZA, National University of Singapore, NBER Summer Institute, Robert Wood Johnson Foundation, Texas A&M, UC-Energy Camp, UC-Berkeley IRLE, UCLA, UCSB-Occasional, UCSD, University of Calgary

2012-2013: ASSA Meetings, Georgia State, UC-Berkeley ARE, UC-Davis, UC-Energy Camp, UC-San Diego, University of Illinois at Urbana-Champaign, UT-Austin

2011-2012: University of Arizona, Arizona State, Case Western University, Cornell, George Washington University, University of Chicago - Harris School of Public Policy, Harvard University - Kennedy School of Government, Massachusetts Institute of Technology, University of Oregon, Stanford University - SIEPR, University of British Columbia, UC-Berkeley-Haas, UC-Irvine, UC-Santa Barbara, Wharton, Yale SOM and School of Forestry

2010-2011: Association of Environmental and Resource Economists Summer Conference, NBER Spring EEE meetings, ASSA Meetings, NBER Summer Institute EEE (Research Sketch)

2009-2010: NBER EEE Spring Meetings, ASSA Meetings, U.S. Census Center of Economic Studies, Environmental and Resource Economics World Congress, NBER Summer Institute EEE (Research Sketch)

Discussions

2017-2018 Allied Social Science Association

2016-2017 Allied Social Science Association, NBER-EEE

2015-2016 Allied Social Science Association, NBER-EEE

2014-2015: Allied Social Science Association, American Society of Health Economists, Western Economic Association International, CEGA-Berkeley, NBER-EEE, Property and Environment Research Center (PERC)

2013-2014: Allied Social Science Association, Texas A&M

2012-2013: Allied Social Science Association, Cornell, EPA, NBER-EEE, University of Pennsylvania, UC-Davis

2011-2012: Allied Social Science Association, Association of Environmental and Resource Economists, Cornell

2010-2011: Association of Environmental and Resource Economists

Professional Activities

Referee for *American Economic Review*, *American Economic Review: Insights*, *American Economic Journal: Applied Economics*, *American Economic Journal: Economic Policy*, *Econometrica*, *Economic Journal*, *IZA World of Labor*, *Journal of the Association of Environmental and Resource Economists*, *Journal of Environmental Economics and Management*, *Journal of the European Economic Association*, *Journal of Health Economics*, *Journal of Human Resources*, *Journal of Industrial Economics*, *Journal of Law and Economics*, *Journal of Political Economy*, *Journal of Public Economics*, *Journal of Urban Economics*, *Nature-Climate Change*, *Quarterly Journal of Economics*, *Review of Economics and Statistics*, *Review of Economic Studies*, *Review of Environmental Economics and Policy*, *Review of Financial Studies*, *Science*.

Editorial Council, *Journal of the Association of Environmental and Resource Economists*, 2014-

Adhoc Reviewer for the Census Bureau, European Research Council, National Science Foundation, The Russell Sage Foundation, the Alfred P. Sloan Foundation, and the Smith Richardson Foundation.

Program Organizer, National Bureau of Economic Research, Summer Institute, Energy and Environmental Economics, 2020

Program Committee for the Association of Environmental and Resource Economists Annual Summer Conference, 2015, 2016

Program Committee for National Tax Association Annual Conference, 2017

Professional Affiliations

Association of Environmental and Resource Economists, 2008–Present.

U.S. Census Bureau Special Sworn Researcher: 2009–Present

PhD Advising (initial placement), Dissertation committee and/or letter writer

Gabriel Englander	2021	UCSB (postdoc), World Bank
Thiago Scot	2021	World Bank
Kate Pennington	2021	Census Bureau
Christopher Campos	2021	Princeton (postdoc), Chicago-Booth
Andres Gonzalez-Lira	2021	Yale (postdoc), PUC-Chile
Carla Johnston	2020	Amazon
David McLaughlin	2020	Environmental Defense Fund
Matt Pecenco	2020	Brown University
Oren Reshef	2020	Washington University, Olin
Jose Vasquez	2020	Princeton (postdoc), LSE Management
Abhay Aneja	2019	UC Berkeley Law
Laura Boudreau	2019	Columbia GSB
Hyo Kang	2019	USC, Marshall
Ellen Lin	2019	Amazon
Shaoda Wang	2019	University of Chicago, Harris
Edward Rubin	2018	University of Oregon
Louis Preonas	2018	University of Maryland, ARE
Raffaele Saggio	2018	University of British Columbia
Katalin Springel	2017	Georgetown McDonough
Nate Aden	2017	World Resources Institute
Sandile Hlatshwayo	2017	International Monetary Fund
David Silver	2016	Princeton University
Walter Graf	2016	Brattle
Moises Yi	2016	Census Bureau

Press

Articles featured in:

The Atlantic, Bloomberg News, The Daily Mail, The Economist, Free Exchange (The Economist Blog), MIT Technology Review, NBER-Digest, The New York Times, The Times of London, The Wall Street Journal, The Washington Post.

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