

MARY F. EVANS

The Robert Day School of Economics and Finance
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EDUCATION

Ph.D. in Economics, University of Colorado, Boulder, Colorado, December 2001.
M.A. in Economics, University of Colorado, Boulder, Colorado, May 1999.
B.A. in Economics and French, James Madison University, Harrisonburg, Virginia, May 1997; *Summa Cum Laude* and Outstanding Graduate in Economics.

ACADEMIC APPOINTMENTS

Jerrine and Thomas Mitchell '66 Associate Professor of Environmental Economics and George R. Roberts Fellow, The Robert Day School of Economics and Finance, Claremont McKenna College (5/2010 – present)
Associate Professor, The Robert Day School of Economics and Finance, Claremont McKenna College (7/2009 – 5/2010)
Associate Professor, Department of Economics, University of Tennessee, Knoxville (6/2009 – 6/2010, on leave)
Assistant Professor, Department of Economics, University of Tennessee, Knoxville (8/2003 – 6/2009)
Faculty Fellow, Center for Business and Economic Research, University of Tennessee, Knoxville (1/2006 – 6/2009)
Postdoctoral Fellow, Center for Environmental and Resource Economic Policy, North Carolina State University, Raleigh (10/2001 – 8/2003)

EDITORIAL POSITIONS AND PROFESSIONAL ACTIVITIES

Member, Editorial Council, *Journal of the Association of Environmental and Resource Economists* (May 2014 – present)
Member, Editorial Council, *Journal of Environmental Economics and Management* (June 2016 – present, January 2011 – April 2015)
Associate Editor, *Journal of Economic Behavior and Organization* (February 2011 – December 2015)
Guest editor, *Journal of Economic Behavior and Organization*, special issue on Identification of Causal Effects in Environmental and Energy Economics, 2014.
Committee Member, U.S. Environmental Protection Agency Science Advisory Board, Environmental Economics Advisory Committee (November 2012 – present)

August 20, 2016

- Chair of organizing committee for 7th Annual Southern California Conference in Applied Microeconomics (SoCCAM), April 2016. Conference website: <https://sites.google.com/site/soccam2016/>
- Co-Chair of organizing committee for the Association of Environmental and Resource Economists (AERE) 4th Annual Summer Conference, 2015. Conference website: <https://sites.google.com/site/aere2015sandiego/>
- Senior mentor, CeMENT Mentoring Workshop for Faculty in Non-Doctoral Programs, New Orleans, LA (November 2015)
- Chair of program committee for the Association of Environmental and Resource Economists (AERE), January 2008 – December 2008 (member of committee January 2006 - December 2007)

JOURNAL ARTICLES

- Evans, Mary F.**, The Clean Air Act Watch List: An Enforcement and Compliance Natural Experiment, *Journal of the Association of Environmental and Resource Economists* 3(3): 627-665, 2016.
- Evans, Mary F.** and Scott M. Gilpatric, Abatement, Care, and Compliance by Firms in Financial Distress, *Environmental and Resource Economics*, forthcoming.
- Evans, Mary F.**, Eric Helland, Jonathan Klick, and Ashwin Patel, The Developmental Effect of State Alcohol Prohibitions at the Turn of the 20th Century, *Economic Inquiry* 54(2): 762-777, 2016.
- Evans, Mary F.**, Lirong Liu, and Sarah Stafford, Standardization and the Impacts of Voluntary Program Participation: Evidence from Environmental Auditing, *International Review of Law and Economics* 43: 10-21, 2015.
- Evans, Mary F.**, Matthew J. Kotchen, and Christian A. Vossler, The Identification of Causal Effects in Environmental and Energy Economics, *Journal of Economic Behavior and Organization* 107: 173-175, 2014.
- Evans, Mary F.**, Lirong Liu, and Sarah Stafford, Do Environmental Audits Improve Long-term Compliance: Evidence from Manufacturing Facilities in Michigan, *Journal of Regulatory Economics* 40(3): 279-302, 2011.
- Evans, Mary F.**, Christine Poulos, and V. Kerry Smith, Who Counts in Evaluating the Effects of Air Pollution Policies on Households? Non-Market Valuation in the Presence of Dependencies, *Journal of Environmental Economics and Management* 62(1): 65-79, 2011. (Related NBER Working Paper 15366, <http://www.nber.org/papers/w15366>)
- Fitzhugh, Eugene C., David R. Bassett, Jr., and **Mary F. Evans**, Urban Trails and Physical Activity: A Natural Experiment, *American Journal of Preventive Medicine* 39(3): 259-262, 2010.
- Evans, Mary F.** and Georg Schaur, A Quantile Estimation Approach to Identify Income and Age Variation in the Value of Statistical Life, *Journal of Environmental Economics and Management* 59(3): 260-270, 2010.

August 20, 2016

Evans, Mary F. and V. Kerry Smith, Measuring How Risk Tradeoffs Adjust with Income *Journal of Risk and Uncertainty* 40 (1): 33-55, 2010. (Related NBER Working Paper 13722, <http://papers.nber.org/papers/w15372>)

Smith, V. Kerry, **Mary F. Evans**, H. Spencer Banzhaf, and Christine Poulos, Can Weak Substitution Be Rehabilitated?, *Environmental and Resource Economics* 45(2): 203-221, 2010. (Related NBER Working Paper 13903, <http://papers.nber.org/papers/w13903>).

Vossler, Christian A. and **Mary F. Evans**, Bridging the Gap between the Field and the Lab: Environmental Goods, Policy Maker Input, and Consequentiality, *Journal of Environmental Economics and Management* 58: 38-345, 2009.

Evans, Mary F., Scott M. Gilpatric, and Lirong Liu, Regulation with Direct Benefits of Information Disclosure and Imperfect Monitoring, *Journal of Environmental Economics and Management* 57: 284-292, 2009.

Evans, Mary F., Christian A. Vossler, and Nicholas E. Flores, Hybrid Allocation Mechanisms for Publicly Provided Goods, *Journal of Public Economics* 93: 311-325, 2009.

Evans, Mary F. and V. Kerry Smith, Complementarity and the Measurement of Individual Risk Tradeoffs: Accounting for Quantity and Quality of Life Effects, *Environmental and Resource Economics*, 41(3): 381-400, 2008. (Related NBER Working Paper 13722, <http://papers.nber.org/papers/w13722>)

Evans, Mary F. and V. Kerry Smith, Do We Really Understand the Age-VSL Relationship?, *Resource and Energy Economics* 28: 242-261, 2006.

Evans, Mary F. and V. Kerry Smith, Do New Health Conditions Support Mortality-Air Pollution Effects?, *Journal of Environmental Economics and Management* 50(3): 496-518, 2005.

Smith, V. Kerry, **Mary F. Evans**, Hyun Kim, and Donald H. Taylor, Jr., Do the "Near" Elderly Value Mortality Risks Differently?, *Review of Economics and Statistics* 86(1): 423-429, 2004.

Smith, V. Kerry and **Mary F. Evans**, Economic Implications of Hormesis: Some Additional Thoughts, *Human and Experimental Toxicology* 23: 285-287, 2004 (also published in *BELLE Newsletter* March 2004).

Evans, Mary F., Nicholas E. Flores, and Kevin Boyle, Multiple Bounded Uncertainty Choice Data as Probabilistic Intentions, *Land Economics* 79(4): 549-560, 2003.

BOOK CHAPTERS (* denotes peer-reviewed publication)

Evans, Mary F., Externalities, in *Environmental and Natural Resource Economics: An Encyclopedia*, T. Haab and J. Whitehead (eds.), ABC-CLIO Inc., 2014.

Evans, Mary F., Scott M. Gilpatric, Michael McKee, and Christian A. Vossler, Managerial Incentives for Compliance with Environmental Information Disclosure Programs, in "Experimental Methods, Environmental Economics" Routledge, UK (eds. T. Cherry, J. Shogren, and S. Kroll), 244-260, 2008.*

August 20, 2016

OTHER PUBLICATIONS

Evans, Mary F., Assessing the State of Tennessee's Environment, in 2007 Economic Report to the Governor of the State of Tennessee, Center for Business and Economic Research, University of Tennessee, Knoxville.

WORKING PAPERS AND WORKS IN PROGRESS

Evans, Mary F., Scott M. Gilpatric, and Jay P. Shimshack, Enforcement Spillovers: Lessons from Strategic Interactions in Regulation and Product Markets.

Evans, Mary F., Scott M. Gilpatric, and Youping Li, The Strategic Value to Firms of Close Ties to a Regulator in the Absence of Influence.

Evans, Mary F., V. Kerry Smith, Jesse Snook, and Carlos Wolloh, Air Quality, Caregiving Needs, and the Location Decisions of Older Adults.

Evans, Mary F., and J.R. DeShazo, Mandatory Minimum Penalties for Environmental Enforcement.

Evans, Mary F., and Sarah Stafford, Regulating the Regulators? Federal Oversight of State Environmental Enforcement

FUNDED RESEARCH

Low Institute of Political Economy Faculty-Student Research Grant 2016, Changes in the Value of a Mortality Risk Reduction over the Past Three Decades

The John Randolph and Dora Haynes Foundation, The Governance of Water Pollution Dischargers in Los Angeles: Evaluating the Effectiveness of a New Enforcement Strategy, September 2014-2016, \$110,886.

Low Institute of Political Economy Faculty-Student Research Grant 2015, Strategic Interactions in the Regulatory Environment and Output Market: Implications for General Deterrence

Low Institute of Political Economy Faculty-Student Research Grant 2012, Are Firms Gaming the TRI? Evidence from Revision Data

Low Institute of Political Economy Faculty-Student Research Grant 2011, Air Quality, Caregiving Needs, and the Location Decisions of Older Adults.

Low Institute of Political Economy Faculty-Student Research Grant 2010 (with Eric Helland), The Impact of Fetal Alcohol Exposure: Evidence from the End of Prohibition.

Bridging the Gap between the Field and the Lab: Environmental Goods, Policy Maker Input, and Consequentiality. University of Tennessee Professional Development Award, May 2007-May 2008, \$5000.

August 20, 2016

Effects of Urban Greenway Construction on Pedestrian and Cyclist Injury Rates, Travel Patterns, and Estimated Vehicular Emissions. With Eugene Fitzhugh and David Bassett, Southeastern Transportation Center, May 2007-May 2008, \$54,000.

The Effects of Financial Distress, Organizational Structure, and Auditing Rules on Firm Emissions and Compliance with Environmental Information Disclosure Programs. With Scott Gilpatric, Mike McKee, and Christian Vossler, U.S. Environmental Protection Agency Science to Achieve Results, January 2006-December 2008, \$299,973.

The Economics of Environmental Vulnerability: Epidemiology, Household Status, and Air Pollution. With V. Kerry Smith and Christine Poulos, U.S. Environmental Protection Agency Science to Achieve Results, January 2005-January 2008, \$399,549.

Improving the Built Environment: A Longitudinal Study of Greenway Construction. With Eugene Fitzhugh and David Bassett, University of Tennessee, Office of Research, April 2005-May 2005, \$45,000.

SEMINARS AND PRESENTATIONS

AERE 5th Annual Summer Conference, Mandatory Minimum Penalties for Environmental Enforcement, Breckenridge, Colorado, June 2016.

Triangle Resources and Environmental Economics (TREE) Seminar Series, Enforcement Spillovers: Lessons from Strategic Interactions in Regulation and Product Markets, Durham, North Carolina, April 2015.

University of California Davis, Enforcement Spillovers: Lessons from Strategic Interactions in Regulation and Product Markets, Davis, California, October 2015.

AERE 4th Annual Summer Conference, The Clean Air Act Watch List: An Enforcement and Compliance Natural Experiment, San Diego, California, June 2015.

Southern California Conference in Applied Microeconomics, Claremont McKenna College, The Clean Air Act Watch List: An Enforcement and Compliance Natural Experiment, Claremont, California, April 2015.

Allied Social Science Association Annual Meeting, Association of Environmental and Resource Economics sessions, Strategic Interactions in the Regulatory Environment and Output Market: Implications for General Deterrence, Boston, Massachusetts, January 2015.

Claremont McKenna College, Robert Day School of Economics Seminar Series, Strategic Interactions in the Regulatory Environment and Output Market: Implications for General Deterrence, Claremont, May 2014

AERE 3rd Annual Summer Conference, Overcompliance and Cross-Media Effects of Enforcement, Banff, Alberta, Canada, June, 2013.

EPA NCEE Seminar, Challenges in Measuring the "Full" Benefits from Reduced Air Pollution: The Role of Caregiving for Sensitive Groups in Households, Washington, D.C., September, 2012.

August 20, 2016

AERE Inaugural Summer Conference, Air Quality, Caregiving Needs, and the Location Decisions of Older Adults, Seattle, Washington, June 2011.

California Polytechnic State University, Abatement, Care, and Compliance by Firms in Financial Distress, San Luis Obispo, April 2011.

HRS and PSID Workshop on Spatial Distance Between Family Members, The Role of Dependency in Adult Child and Older Parent Migration Decisions: Impacts of Air Pollution Exposures, Ann Arbor, Michigan, September 2010.

World Congress of Environmental and Resource Economists, Who Counts in Evaluating the Effects of Air Pollution Policies on Households? Non-Market Valuation in the Presence of Dependencies, Montreal, Canada, July 2010.

University of California, San Diego, Precautionary Behavior by Firms in Financial Distress, La Jolla, California, January 2010.

University of Kentucky, Department of Economics, Causes and Consequences of Environmental Auditing: Evidence from Regulated Facilities in Michigan, Lexington, Kentucky, April 2009.

Heterogeneity in the Value of Statistical Life Conference, Vanderbilt University, A Panel Quantile Estimation Approach to Identify Income Variation in the Value of Statistical Life, Nashville, Tennessee, March 2009.

Claremont McKenna College, Measuring How Risk Tradeoffs Adjust with Income, Claremont, California, December 2008.

Southern Economic Association Annual Meeting, On the Income Elasticity of the VSL, Washington, DC, November 2008.

Camp Resources, Financial Distress and Incentives for Pollution Abatement, Care, and Regulatory Compliance, Wilmington, North Carolina, August 2008.

Society for Risk Analysis Annual Meeting, Quality of Life and the Income Elasticity of the VSL, San Antonio, Texas, December 2007.

Triangle Resource and Environmental Economics Workshop, Bridging the Gap between the Field and the Lab: Environmental Goods, Policy Maker Input, and Consequentiality, Raleigh, North Carolina, September 2007.

Allied Social Science Association Annual Meeting, Association of Environmental and Resource Economics sessions, Individual Preferences and Household Choices: The Potential Role of Dependency Relationships, Chicago, Illinois, January 2007.

University of Colorado Environmental and Resource Economics Workshop, Policy Choice and Firm Compliance with Imperfectly Revelatory Audits, Vail, Colorado, September 2006.

August 20, 2016

3rd World Congress of Environmental and Resource Economists, Individuated VSLs and the Dead Anyway Hypothesis, Kyoto, Japan, July 2006.

U.S. EPA NCER/NCEE Workshop, Mortality and Morbidity: How Do We Value the Risk of Illness and Death, Individual Preferences and Household Choices: The Potential Role of Dependency Relationships, Washington, D.C., April 2006.

Georgia State University, Department of Economics, Rehabilitating Weak Substitution, Atlanta, Georgia, October 2005.

University of Central Florida, Department of Economics, VSL Properties and the Senior Discount, Orlando, Florida, 2003.

U.S. EPA and University of Central Florida workshop: Valuing Environmental Health Risk Reductions to Children, Weak Substitution, Environmental Vulnerability, and Choice, Washington, D.C., October 2003

Appalachian State University, Department of Economics, Do Health Conditions Support Mortality-Air Pollution Effects?, Boone, North Carolina, 2002.

North Carolina State University, Department of Agricultural and Resource Economics, Invited seminar speaker, Assessing the Limits to the Wage-Risk Tradeoff: Older Workers and Retirement, Raleigh, North Carolina, 2002.

University of Colorado Environmental and Resource Economics Workshop, The Probabilistic Treatment of Multiple Risks, Boulder, Colorado, 2002.

2nd World Congress of Environmental and Resource Economists, The Health Impacts of Air Pollution on the Near-Elderly: A Preliminary Assessment, Monterey, California, 2002.

Camp Resources, VSL Properties with Multiple Risks: Translating versus Scaling, Wilmington, North Carolina, 2002.

University of Colorado Environmental and Resource Economics Workshop, A Decision-Theoretic Approach to Modeling WTP from Multiple-Bounded Data, Breckenridge, Colorado, 2001.

Camp Resources, Relative Economic Efficiency and the Provision of Rationed Goods, Wilmington, North Carolina, 2001.

Rocky Mountain Forest and Range Experiment Station, United States Department of Agriculture, U.S. Forest Service, Invited seminar speaker, A Decision-Theoretic Approach to Modeling Multiple Bounded Polychotomous Choice Data, Fort Collins, Colorado, 2000.

HONORS

Reuben A. Zubrow Graduate Fellowship for the Teaching of Economics, Department of Economics, University of Colorado, 2000.

Beverly Sears Graduate Student Grant, University of Colorado, 2000.

Wesley Yordon Award, Department of Economics, University of Colorado, 1999.

August 20, 2016

PROFESSIONAL SERVICE

Member: American Economic Association, Association of Environmental and Resource Economists

Conference paper selection committee (program committee) for All-California Labor Economics Conference (2012), American Agricultural Economics Association Annual Meeting (2006, 2012, 2013), Association of Environmental and Resource Economists Summer Conference (2011, 2012, 2013, 2015), European Association of Environmental and Resource Economists Annual Conference (2011), World Congress of Environmental and Resource Economics (2014)

Ad-hoc Reviewer for American Journal of Agricultural Economics, Contemporary Economic Policy, Economic Inquiry, Environmental and Resource Economics, European Review of Agricultural Economics, Health Economics, International Review of Law and Economics, Journal of the Association of Environmental and Resource Economists, Journal of Benefit-Cost Analysis, Journal of Economic Behavior and Organization, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Policy Analysis and Management, Journal of Public Economic Theory, Journal of Risk and Uncertainty, Resource and Energy Economics, Review of Economics and Statistics, Review of Environmental Economics and Policy, Scandinavian Journal of Economics, Strategic Behavior and the Environment

UNIVERSITY AND DEPARTMENTAL SERVICE

Member of Institutional Review Board, Claremont McKenna College, August 2014 – present;
Chair, August 2015 – present

Member of Board of Trustees Academic Affairs Committee, Claremont McKenna College,
August 2010 – December 2014

Member of Environmental Concerns Committee, Claremont McKenna College, August
2010 – 2012, August 2014 – December 2014

Member of University of Tennessee Obesity Research Center (UTORC) Steering
Committee, September 2007 – May 2009

Department of Economics Undergraduate Committee, University of Tennessee, 2003 –
2004

Department of Economics Graduate Committee, University of Tennessee 2004 – 2009

TEACHING

COURSES TAUGHT

At Claremont McKenna College

Principles of Economic Analysis, Economics 50 (Fall 2009, 2010, 2011, 2012, 2013, 2014,
2015, 2016)

Environmental Economics, Economics 171 (Spring 2010, 2011, 2013, 2014, 2016)

At the University of Tennessee

Honors: Introductory Economics, Economics 207, Undergraduate (Fall 2007, 2008)

Analysis of Economic Problems, Economics 499, Undergraduate (Fall 2003, 2005, 2006;
Spring 2004, 2006)

Economics of Resources and Environmental Policy, Economics 362, Undergraduate (Spring
2004, 2006, 2008, Fall 2004)

August 20, 2016

Environmental Economics, Economics 463, Undergraduate (Spring 2007, 2008, 2009)
Economics of Environmental Policy, Economics 678, Graduate (Spring 2005; Fall 2006,
2008)

STUDENTS ADVISED

Ph.D. Students:

Alejandro Dellachiesa (Committee member, Economics, University of Tennessee)

Lirong Liu (Committee member, Economics, University of Tennessee)

Jill Collins (Committee member, Economics, University of Tennessee)

Aaron Wells (Committee member, Forestry, University of Tennessee)

Masters Students:

Xiaowen Liu (Committee member, Agricultural Economics, University of Tennessee)

Ryan Burchfield (Committee member; Exercise, Sport, and Leisure Studies, University of
Tennessee)

Undergraduate Students:

Timothy Burke, Andrew Clary, Stephan Gonzalez, Sean Houseworth, Alex Kalish, Evan Otis,
Daniel Picciotto, Joshua Siegel, Sean Smith, Jincy Varughese, (Senior thesis reader,
Claremont McKenna College)

Devon Scott (Second senior thesis reader, Scripps Collage),

Keith Brakebill (Committee chair, College Scholars Program, University of Tennessee)

Eric Harkness (Committee member, College Scholars Program, University of Tennessee)