

MARY F. EVANS

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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.
Dissertation: Essays on the Allocation and Valuation of Non-market Commodities, Nicholas Flores (chair).

AREAS OF SPECIALIZATION

Environmental and Natural Resource Economics, Applied Microeconomics, Health Economics

PROFESSIONAL EXPERIENCE

Assistant Professor, Department of Economics, University of Tennessee, Knoxville
(8/2003 - present)

Faculty Fellow, Center for Business and Economic Research, University of Tennessee,
Knoxville (1/2006-present)

Postdoctoral Fellow, Center for Environmental and Resource Economic Policy, North
Carolina State University, Raleigh (10/2001 – 8/2003)

ACADEMIC ACTIVITIES

PEER-REVIEWED PUBLICATIONS

Evans, Mary F., Christian A. Vossler, and Nicholas E. Flores, Hybrid Allocation Mechanisms for Publicly Provided Goods, *Journal of Public Economics*, forthcoming.

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*, forthcoming. (Related NBER Working Paper 13722, <http://papers.nber.org/papers/w13722>)

Evans, Mary F., Scott M. Gilpatric, Michael McKee, and Christian A. Vossler, Managerial Incentives for Compliance with Environmental Information Disclosure Programs, in

June 2008

"Experimental Methods, Environmental Economics" Routledge, UK (eds. T. Cherry, J. Shogren, and S. Kroll), 244-260, 2008.

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

REPORTS

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

RESEARCH IN PROGRESS

"Regulation with Direct Benefits of Information Disclosure and Imperfect Monitoring," Conditional acceptance at the *Journal of Environmental Economics and Management*, 2008 (with Scott Gilpatric and Lirong Liu).

"Can Weak Substitution Be Rehabilitated?," Revise and resubmit, 2008 (with V. Kerry Smith, H. Spencer Banzhaf, and Christine Poulos) (Related NBER Working Paper 13903, <http://papers.nber.org/papers/w13903>)

"Bridging the Gap between the Field and the Lab: Environmental Goods, Policy Maker Input, and Consequentiality," Under review, 2008 (with Christian Vossler).

"Causes and Consequences of Environmental Auditing: Evidence from Regulated Facilities in Michigan," 2008 (with Lirong Liu and Sarah Stafford).

"Individual Preferences and Household Choices: The Potential Role of Dependency Relationships," 2007 (with Christine Poulos and V. Kerry Smith).

"Preferences for Environmental Services and Irreversibility," 2003.

“Stated-Preference Analysis when Respondents Have Imperfect Quality Information,” 2003.

SELECTED PRESENTATIONS

- “Quality of Life and the Income Elasticity of the VSL.” Society for Risk Analysis annual meeting, San Antonio, Texas, December 2007.
- “Bridging the Gap between the Field and the Lab: Environmental Goods, Policy Maker Input, and Consequentiality.” Triangle Resource and Environmental Economics Workshop, Raleigh, North Carolina, September 2007
- “Individual Preferences and Household Choices: The Potential Role of Dependency Relationships.” Association of Environmental and Resource Economics, Allied Social Science Association meetings, Chicago, Illinois, January 2007.
- “Policy Choice and Firm Compliance with Imperfectly Revelatory Audits.” University of Colorado Environmental and Resource Economics Workshop, Vail, Colorado, September 2006.
- “Individuated VSLs and the Dead Anyway Hypothesis.” 3rd World Congress of Environmental and Resource Economists, Kyoto, Japan, July 2006.
- “Individual Preferences and Household Choices: The Potential Role of Dependency Relationships.” U.S. EPA NCER/NCEE Workshop, Mortality and Morbidity: How Do We Value the Risk of Illness and Death, Washington, D.C., April 2006.
- “Rehabilitating Weak Substitution.” Georgia State University, Atlanta, Georgia, October 2005.
- “VSL Properties and the Senior Discount.” University of Central Florida, Orlando, Florida, 2003.
- “Weak Substitution, Environmental Vulnerability, and Choice.” U.S. EPA and University of Central Florida workshop: Valuing Environmental Health Risk Reductions to Children, Washington, D.C., October 2003
- “The Probabilistic Treatment of Multiple Risks.” University of Colorado Environmental and Resource Economics Workshop, Boulder, Colorado, 2002.
- “Do Health Conditions Support Mortality-Air Pollution Effects?” Appalachian State University, Boone, North Carolina, 2002.
- “The Health Impacts of Air Pollution on the Near-Elderly: A Preliminary Assessment.” World Congress of Environmental and Resource Economists, Monterey, California, 2002.
- “Assessing the Limits to the Wage-Risk Tradeoff: Older Workers and Retirement.” North Carolina State University, Raleigh, North Carolina, 2002.
- “VSL Properties with Multiple Risks: Translating versus Scaling.” Camp Resources, Wilmington, North Carolina, 2002.
- “A Decision-Theoretic Approach to Modeling WTP from Multiple-Bounded Data.” University of Colorado Environmental and Resource Economics Workshop, Breckenridge, Colorado, 2001
- “Relative Economic Efficiency and the Provision of Rationed Goods.” Camp Resources, Wilmington, North Carolina, 2001

June 2008

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

FUNDED RESEARCH

“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.

“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.

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.

DEPARTMENTAL AND PROFESSIONAL SERVICE

Chair of program committee for the Association of Environmental and Resource Economists (AERE) January 2008-present (member of committee January 2006-December 2007)

Member of UT Obesity Research Center (UTORC) Steering Committee, September 2007 present

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

Department of Economics Undergraduate Committee 2003-2004

Department of Economics Graduate Committee 2004-present

Reviewer for Economic Inquiry, Environmental and Resource Economics, Journal of Environmental Economics and Management, American Journal of Agricultural Economics,

June 2008

Journal of Economic Behavior and Organization, Review of Environmental Economics and Policy, Resource and Energy Economics.

TEACHING EXPERIENCE

COURSES TAUGHT

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

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

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

Economics 463, Environmental Economics (Undergraduate: Spring 2007, 2008).

Economics 678, Economics of Environmental Policy (Graduate: Spring 2005, Fall 2006)

STUDENTS ADVISED

Ph.D. Students:

Lirong Liu (Committee Member, Economics)

Jill Collins (Committee Member, Economics)

Aaron Wells (Committee Member, Forestry)

Masters Students:

Ryan Burchfield (Committee Member; Exercise, Sport, and Leisure Studies)

Xiaowen Liu (Committee Member, Agricultural Economics)

Undergraduate Students:

Keith Brakebill (Committee Chair, College Scholars Program)

Eric Harkness (Committee Member, College Scholars Program)