

LAURA O. TAYLOR
Professor, Department of Agricultural and Resource Economics
College of Agricultural and Life Sciences, North Carolina State University

EDUCATION:

Ph.D. (Economics), North Carolina State University, August 1995.

M.A. (Economics), Duke University, May 1990.

B.A. (Economics), University of North Carolina at Asheville, December 1987.

EXPERIENCE:

July 2007 - present: Professor, Department of Agricultural and Resource Economics, North Carolina State University.

July 2007 - present: Director, Center for Environmental and Resource Economic Policy, North Carolina State University (www.ncsu.edu/cenrep/).

August 2001 - July 2007: Associate Professor, Department of Economics, Andrew Young School of Policy Studies, Georgia State University.

May 2001 - August 2005: Associate Director, Environmental Policy Program, Andrew Young School of Policy Studies, Georgia State University.

September 1994 - August 2001: Assistant Professor, Department of Economics, Andrew Young School of Policy Studies, Georgia State University.

APPOINTMENTS AND OFFICES HELD:

Vice-President, Association of Environmental and Resource Economists, Jan. 2008 to present.

Science Advisory Board, U.S. Environmental Protection Agency, November 2006 to present.

Editorial Council, *Resource and Energy Economics*, August 2006 to present.

Scientific Advisory Board, *Environmental and Resource Economics*, July 2004 to present.

Editorial Council, *Journal of Environmental Economics and Management*, July 2001 to present

Board of Directors, Association of Environmental and Resource Economists, 2001 to 2004.

Fullbright Senior Specialist Roster, May 2002 to 2007.

ACADEMIC ACTIVITIES:

Publications

“On Behavioral Environmental Economics” (with Jason Shogren), *Review of Environmental Economics and Policy*, forthcoming.

“Theoretical Foundations and Empirical Developments in Hedonic Modeling” in *Hedonic Methods in Housing Markets: Pricing Environmental Amenities and Segregation*, eds. A. Baranzini, J. Ramirez, C. Schaerer and P. Thalmann, forthcoming.

“Altruism Spillovers: Are Behaviors in Context-free Experiments Predictive of Altruism Toward a Naturally Occurring Public Good?” (with Susan K. Laury), *Journal of Economic Behavior and Organization*, v65, 9-29, 2008.

“Estimating the Value of Water Use Permits: A Hedonic Approach Applied to Farmland in the Southeastern US” (with Ragan Petrie), *Land Economics*, 83(3): 302-318, 2007.

“Using Meta Analysis for Benefits Transfer: Strengths and Weaknesses” (with John Bergstrom), *Ecological Economics*, 60(2), 351-360, 2006.

“Experimental Methods for the Testing and Design of Contingent Valuation,” in *Contingent Valuation Handbook*, eds. A. Alberini and J. Kahn (Edward Elgar: England), pp 177-203, 2006.

“Do Economists Recognize an Opportunity Cost When They See One? A Dismal Performance from the Dismal Science” (with Paul Ferraro), *Contributions to Economic Analysis and Policy* Vol. 4: No. 1, Article 7, 2005.

“Estimating the Economic Impacts of Environmentally Contaminated Properties in an Urban Area,” (with Keith Ihlanfeldt), *Journal of Environmental Economics and Management*, 47, 117-139, 2004.

“The Hedonic Method,” in *A Primer on the Economic Valuation of the Environment*, eds. P. Champ, T. Brown and K. Boyle (Kluwer), pp 331-394, 2003.

“Do Students Behave Like Adults? Evidence from Valuation Experiments,” (with Kelly Brown and Shiferaw Gurmu), *Applied Economics Letters*, 10(2), 753-756, 2003.

“What Determines the Value of Life? A Meta Analysis,” (with Janusz Mrozek), *Journal of Policy Analysis and Management*, 21(2), 253-70, 2002.

“Objective Versus Subjective Measures of Environmental Quality in Hedonic Property Value Models,” (with Kevin Boyle, Roy Bouchard, and Joan Poor), *Land Economics*, 77(4), 482-493, 2001.¹

“Does the Measurement of Property and Structural Characteristics Affect Estimated Implicit Prices for Environmental Amenities in a Hedonic Model?” (with Kevin Boyle), *Journal of Real Estate Finance and Economics*, 22(2/3), 303-318, 2001.

“Induced Value Tests of the Referendum Voting Mechanism,” (with Ronald Cummings, Susan Laury, and Michael McKee), *Economics Letters*, 71(1), 61-65, 2001.

“Experimental Economics in Environmental and Natural Resource Management,” (with Ronald Cummings), in the *International Yearbook of Environmental and Resource Economics*, eds. H. Folmer and T. Tietenberg (Edward Elgar, publisher), 123-149, 2001.

“Do As You Say, Say As You Do: Evidence on Gender Differences in Actual and Stated Contributions to Public Goods,” (with Kelly Brown), the *Journal of Economic Behavior and Organization*, 43, 127-139, 2000.

“Environmental Amenities as a Source of Market Power,” (with V. Kerry Smith), *Land Economics*, November, 76(4), 550-568, 2000.

“To Whisper in the Ears of Princes: Laboratory Experiments and Public Policy,” (with Ronald Cummings, Michael McKee), in *Frontiers of Environmental Economics*, eds. H. Folmer, Rose, S. Gerking, and Gabel (Edward Elgar, publisher), pp 121-147, 2000.

“Unbiased Value Estimates For Environmental Goods: A Cheap Talk Design For The Contingent Valuation Method,” (with Ronald Cummings), the *American Economic Review*, 83(3), 649-665, 1999.²

“Estimating the Demand for Protecting Freshwater Lakes from Eutrophication,” (with Kevin Boyle and Joan Poor), the *American Journal of Agricultural Economics*, 81(5), 1118-1122, 1999.³

“Incentive Compatible Referenda and the Valuation of Environmental Goods,” *Agricultural and Resource Economics Review*, 27(2), 132-139, 1998.

¹Reprinted in *Revealed Preference Approaches to Environmental Valuation: Volume II*, eds., J. Herriges and C. Kling (Ashgate Publishing), 2008.

²Reprinted in *Experiments in Environmental Economics, Volumes I and II*, eds., T. Tietenberg, K. Segerson, and J. Shogren (Ashgate Publishing), 2002.

³Reprinted in *Revealed Preference Approaches to Environmental Valuation: Volume II*, eds., J. Herriges and C. Kling (Ashgate Publishing), 2008.

“Does Realism Matter in Contingent Valuation?” (with Ronald Cummings), *Land Economics*, 74(2), pp 203-215, 1998.

“A Learning Design for Reducing Hypothetical Bias in the Contingent Valuation Method,” (with David Bjornstad and Ronald Cummings), *Environmental and Resource Economics*, 10(3), pp 207-211, 1997.

“Do Contingent Valuation Estimates Pass a “Scope” Test? A Meta Analysis” (with V. Kerry Smith), the *Journal of Environmental Economics and Management*, 31(3), pp 287-301, 1996.

Reports, Monographs, and Other Publications:

“Public/Private Partnerships for Brownfield Redevelopment” *NC State Economist*, Nov/Dec 2007, available online at:
http://www.ag-econ.ncsu.edu/VIRTUAL_LIBRARY/ECONOMIST/novdec07.pdf

“Economic Benefits of Sediment Remediation” (with John Braden, DooHwan Won, Nicole Mays, Allegra Cangolisi, Arianto Paturnu), final report to Great Lakes National Program Office, US Environmental Protection Agency, Chicago, IL, December 2006.

“Developing Offset Banking Systems in Georgia” (with Ronald G. Cummings and M. Bruce Beck), Water Policy Center Paper #2003-002, May 2003.

“Offset Banking – A Way Ahead For Controlling Nonpoint Source Pollution In Urban Areas in Georgia” (with Mark Morrison), Water Policy Center Paper #2002-004, May 2002.

“The Economic Impacts of Environmentally Contaminated Sites on Commercial and Industrial Property Values in Atlanta, Georgia,” report to the National Center for Environmental Economics, U.S. Environmental Protection Agency, 2001, 69 pp.

“The Economic Impacts of Controlling NO_x and VOC Emissions in the Atlanta Region,” report to Environmental Protection Division, Georgia Department of Natural Resources, 1997, 90 pp.

“Economics and Ecology: Strange Bedfellows?,” a review of *Integrating Economic and Ecological Indicators: Practical Methods for Environmental Policy Analysis for Rivers*, 5(2), 146-149, 1995.

Working Papers Available for Review:

“Proximity as a Proxy for Exposure in Hedonic Models: Theory and Evidence,” (with John Braden and DooHwan Won).

“Economic Benefits of Remediating the Buffalo River, NY Area of Concern,” (with John Braden and DooHwan Won), under revision at editor’s request.

“Economic Benefits of Remediating the Sheboygan River, WI Area of Concern,” (with John Braden and DooHwan Won), under revision at editor’s request.

“The Economic Value of Cleaning Contaminated and Noxious Sites: A Meta Analysis” (with John Braden and DooHwan Won).

“On the Road Again: Using Occupational Drivers’ Labor Market Choices to Value Heterogeneous Fatality Risks,” (with Ikuho Kochi).

“Of Cab Drivers and Coal Miners: Risk Heterogeneity and the Value of a Statistical Life,” (with Carol Scotton).

“Experimental Tests of Provision Rules in Choice Surveys,” (with Kevin Boyle and Mark Morrison), under review.

Externally Funded Research Projects:

Principal Investigator

“Agricultural Water Policy in Georgia” funded by U.S. Department of Agriculture, Co-Principal Investigators: Laura Taylor and Paul Ferraro, \$129,295, July 2006 - July 2008.

“Experimental Tests of Provision Rules in Conjoint Applications for Environmental Valuation,” funded by the U.S. Environmental Protection Agency, Principal Investigator: Laura Taylor, \$129,000, February 2003 - May 2004.

“Estimating the Economic Impacts of Brownfields in an Urban Area,” funded by the U.S. Environmental Protection Agency, Principal Investigator: Laura Taylor, \$93,000, August 1999-2000.

“Brownfields in Georgia,” funded by the Fiscal Research Center, Georgia State University and the Research and Sponsored Programs Office, Georgia State University, Principal Investigator: Laura Taylor, \$18,200, March 1998.

“The Atlanta Voluntary Ozone Action Partners,” funded by the Environmental Protection Division, Georgia Department of Natural Resources, Co-Principal Investigators: Ronald Cummings and Laura Taylor, \$460,000, 1997-98.

“The Costs of Ozone Air Pollution Controls for the Atlanta Region,” funded by the Environmental Protection Division, Georgia Department of Natural Resources, Co-Principal Investigators: Ronald Cummings and Laura Taylor, \$96,000, 1996-97.

Investigator, Non-Principal

“The Economic Benefits of Sediment Remediation,” funded by the United States Environmental Protection Agency, Principal Investigator: John Braden, \$129,800, October 2004 - November 2006.

“The Economic Valuation of Avoiding Arsenic Exposure in Drinking Water,” funded by the United States Environmental Protection Agency, Principal Investigator: Kevin Boyle, \$259,825, December 2002 - December 2004.

“Agricultural Water Policy Research Program,” funded by the United States Department of Agriculture, Principal Investigator: Ronald Cummings, \$903,422, August 2001-July 2003.

“Innovative Water Policies,” funded by the Georgia Soil and Water Conservation Commission, Principal Investigator: Ronald Cummings, \$905,527, July 2001 - June 2003.

“New Institutions for Valuing Environmental Damages,” funded by the National Science Foundation and US Environmental Protection Agency, Principal Investigator: Ronald Cummings, \$115,000, 1995-1996.

“Cultural Differences in “Willingness to Pay” for Policies Designed to Reduce Global Warming,” (with Oak Ridge National Laboratory), funded by the U.S. Department of Energy, Co-Principal Investigators: Ronald Cummings and David Bjornstad, \$125,000, 1995-1996.

Selected Presentations at Professional Meetings and Workshops:

W-1133 Annual Technical Meeting, February 2007.

Iowa State University, Heartland Environmental & Resource Economics Workshop, Featured Speaker, September 2006.

W-1133 Annual Technical Meeting, February 2006.

Triangle Camp Resources, August 2005.

University of Illinois, Dept. of Agricultural and Consumer Economics Workshop, April 2005.

US Environmental Protection Agency, Improving the Valuation of Ecological Services Workshop, October, 2004.

University of Tennessee, Department of Economics Seminar Series, April 2004.

Syracuse University, Maxwell School of Public Affairs, February 2004.

American Economic Association Annual Meetings, January, 2004.

University of Wyoming, Dept. of Economics and Finance Seminar Series, November 2003.

Colorado State University, Dept. of Ag. and Resource Economics Seminar Series, Oct. 2003

University of Alberta, Dept. of Rural Economy Seminar Series, April 2003.

American Economic Association Annual Meetings, January, 2003.

North Carolina State University, Dept. of Ag. and Res. Econ. Seminar Series, November, 2002

University of North Carolina-Asheville, Dept. of Economics Invited Speaker, September 2002.

World Congress of Environmental and Resource Economists, June 2002.

Cornell University, Dept. of Ag., Res., and Managerial Economics Seminar Series, April, 2002.

University of Central Florida, Department of Economics Seminar Series, November, 2001.

Columbia University, School of International and Public Affairs Seminar Series, April 2001.

University of Kentucky, Department of Economics Seminar Series, April 2000.

Emory University, Department of Economics Seminar Series, March 2000.
American Economic Association Annual Meetings, January, 2000.
Southern Economic Association Annual Meetings, November, 1999 (2 papers).
US Environmental Protection Agency, Washington, DC, October, 1999.
Triangle Camp Resources, August 1999.
American Economic Association Annual Meetings, January 1999.
Northeastern Agricultural and Resource Economics Association Annual Meetings
(Plenary Speaker), June 1998.
Southern Economic Association Annual Meetings, November 1997 (2 papers).
University of Tennessee, Dept. of Agricultural Economics Seminar Series, October 1997.
National Science Foundation and US Environmental Protection Agency Partnership for
Environmental Research: Valuation and Environmental Policy Workshop, April 1997.
University of Florida, Department of Economics Seminar Series, February 1997.
University of Maine, Dept. of Resource Economics and Policy Seminar Series, August 1996.
University of Colorado, Department of Economics Seminar Series, October 1996.
University of Wyoming, Department of Economics and Finance Seminar Series, October 1996.
Georgia Institute of Technology, School of Public Policy Seminar Series, March 1996.
University of Georgia, Dept. of Agricultural and Applied Econ. Seminar Series, Feb. 1996.
American Economic Association Annual Meetings, January 1996 (2 papers).
Southern Economic Association Annual Meetings, November 1995 (2 papers).
W-133 Annual Technical Meeting, March 1995.
Triangle Camp Resources, August 1994.
American Economic Association Annual Meetings, January 1994.

TEACHING EXPERIENCE:

Courses Taught:

Environmental and Resource Economics I (Ph.D.)
Environmental and Resource Economics II (Ph.D.)
Microeconomic Theory (MA/Ph.D.)
Environmental Economics and Policy (MA)
Introduction to Environmental Economics (Undergraduate)
Introduction to Microeconomic Theory (Undergraduate)

Supervisory Activities:

Committee Chair

Doctoral Thesis, "Government Fragmentation and the Attainment of Regional Environmental Quality," Peter Bluestone, completed 2007.

Doctoral Thesis, "Essays on The Value of a Statistical Life," Ikuho Kochi, completed 2007.

Doctoral Thesis, "The Effects of Perceived Contamination on Commercial and Industrial Property Values," Peter Grigelis, completed August, 2005.

Doctoral Thesis, “Returns to Public Expenditures on Education and the Environment: Essays on the Migration Behavior of the Highly Educated,” A.J. Sumell, completed August, 2005.

Doctoral Thesis, “Risk Measurement and Estimating the Value of a Statistical Life with Labor Market Data,” Carol Scotton, completed May, 2000.

Doctoral Thesis, “Mode, Population, and Gender Effects in Experimental Applications of Contingent Valuation,” by Kelly Brown, completed August, 1999.

Undergraduate Honors Thesis, “Title IV of the Clean Air Act Amendments: A Laboratory Evaluation of the EPA’s Allowances Auctions,” by Jonathon Feagle, completed June 1995.

Committee Member

Doctoral Thesis, “Modeling the Anthropogenic Spread of Aquatic Invasive Species: The Case of Zebra Mussels and Transient Recreational Boating in Wisconsin,” Levente Timar, in progress.

Doctoral Thesis, “Measuring Perceptions of Hazardous Waste and Industrial Accidents,” Adam Domanski, in progress.

Doctoral Thesis, “The Capitalization of School Reform in Baton Rouge, Louisiana,” Velma Zaherovic-Herbert, completed 2007.

Doctoral Thesis, “The Effects of Air Pollution on Infant Health: An Analysis from Georgia,” Mamadou Sow, completed 2006.

Doctoral Thesis, “Essays on Voluntary Environmental Compliance,” Toshi Uchida, completed 2004.

Doctoral Thesis, “The Dirty-Industry Migration Hypothesis: A Reconsideration,” David Green, completed 1998.

Internship Advisor (Undergraduate Students)

“Brownfields Policy in Atlanta,” Nicolas Grout (Home Institution: St. Pius College), Andrew Young School Summer Internship Program 2005.

“Mega-churches and Neighborhood Land Values,” Whitney Rusert (Home Institution: Georgia State University), Andrew Young School Summer Internship Program 2003.

“Wetlands Trading in Georgia,” Nora Giess (Home Institution: Columbia University), Andrew Young School Summer Internship Program 2002.

“Water Resource Management in Georgia,” Leo Salinas (Home Institution: Georgia Institute of Technology), Andrew Young School Summer Internship Program 2001.

“Equity and Distribution of Brownfields in Georgia,” Jason Morgan (Home Institution: George Washington University), Andrew Young School Summer Internship Program 2000.

SELECT SERVICE:

Department, College, and University (current appointment only)

Member, Public Policy Task Force, North Carolina State University, January 2008-present.

Chair, Undergraduate Programs Committee, Department of Economics, Georgia State University, 2000 to 2006.

Member, Management Committee, Andrew Young School of Policy Studies, Georgia State University, 2001 to 2005.

Member, Promotion and Tenure Committee, Andrew Young School of Policy Studies, Georgia State University, 2001 to 2005.

Elected Member, University Senate, Georgia State University, April 2000 to April 2002.

External

Member, Ocean Policy Steering Committee, NC Department of Environment and Natural Resources, Division of Coastal Management, January 2008 to present.

Member, Program Committee, 2002 World Congress of Environmental and Resource Economists.

Committee Chair, Association of Environmental and Resource Economists Workshop, 2001.

Committee Member, Association of Environmental and Resource Economists Workshop, 2000.

Committee Member, Association of Environmental and Resource Economists Workshop, 1999.

Member, *Brownfields Technical Committee*, Atlanta Chamber of Commerce, 1996 to 1998.

Selected Papers Sessions Topic Leader, American Agricultural Economics Association Annual Meetings, 1998.

Selected Papers Sessions Topic Leader, American Agricultural Economics Association Annual Meetings, 1997.

Community Presentations and Outreach

“Evaluating Impacts of Brownfield Redevelopment,” Georgia Brownfields Academy, Columbus, GA, August 2006.

“Air Quality in Atlanta,” Rotary Club of DeKalb County, October, 1998.

Panelist, “Appalled by the Sprawl,” Georgia Public Television, aired May 22, 1998

“The Economic Costs of Attaining the Ozone Air Quality Standard in Atlanta through Regulation,” Gwinnett Public Television (aired 39 times during May 18 - May 31, 1998).

“The Economic Costs of Attaining the Ozone Air Quality Standard in Atlanta through Regulation,” Council for Quality Growth and the Gwinnett Chamber of Commerce joint meeting, May, 1998.

“The Economic Costs of Attaining the Ozone Air Quality Standard in Atlanta through Regulation,” Atlanta Regional Commission Board of Directors Meeting, May, 1998.

“The Economic Costs of Attaining the Ozone Air Quality Standard in Atlanta through Regulation,” Regional Business Coalition, January, 1998.

“Air Quality and Atlanta,” Peach State Public Radio, aired December, 1997.

“The Impacts of Attaining Air Quality Standards for Atlanta,” Citizen’s Advisory Council on Energy, November, 1997.

“The Costs of Attaining Atlanta’s Ozone Standard,” Environmental Protection Division, Georgia Department of Natural Resources, Public Meeting on Air Quality, June 1997.

REFEREE/REVIEWER:

American Economic Review, Agricultural and Resource Economics Review, American Journal of Agricultural Economics, Environmental and Resource Economics, The Energy Journal, European Economic Review, Journal of Economics Behavior and Organization, Journal of Environmental Management, Journal of Environmental Economics and Management, Journal of Environmental Planning and Management, Journal of Real Estate Finance and Economics, Journal of Regional Science, Land Economics, National Science Foundation, Resource and Energy Economics, Review of Economics and Statistics, Urban Studies, Water Resources Research, U.S. Environmental Protection Agency