

# Laura O. Taylor

## Contact Information

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## 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.  
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

Science and Technical Advisory Board Member, Albemarle-Pamlico National Estuary Program,  
North Carolina Department of Natural Resources and U.S. Environmental Protection  
Agency, July 2009 to present.  
Legislative Research Commission Advisory Subcommittee on Offshore Energy Exploration,  
North Carolina General Assembly, January 2009 to present.  
Vice-President, Association of Environmental and Resource Economists, January 2008 to  
present.  
Science Advisory Board, Environmental Economics Advisory Committee (standing committee),  
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.  
Fullbright Senior Specialist Roster, May 2002 to 2007.

Editorial Council, *Journal of Environmental Economics and Management*, 2001 to 2008.  
Board of Directors, Association of Environmental and Resource Economists, 2001 to 2004.

## Publications

- “Valuing Risk Reductions: Incorporating Risk Heterogeneity in a Revealed Preference Framework” (with Carol Scotton), *Resource and Energy Economics*, forthcoming.
- “On Behavioral Environmental Economics” (with Jason Shogren), *Review of Environmental Economics and Policy*, 2(1):26-44, 2008.
- “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, 2008.
- “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*, 65:9-29, 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.  
Reprinted in *Revealed Preference Approaches to Environmental Valuation: Volume II*, eds., J. Herriges and C. Kling (Ashgate Publishing), 2008.
- “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), *American Economic Review*, 83(3), 649-665, 1999.  
Reprinted in *Experiments in Environmental Economics, Volumes I and II*, eds., T. Tietenberg, K. Segerson, and J. Shogren (Ashgate Publishing), 2002.
- “Estimating the Demand for Protecting Freshwater Lakes from Eutrophication,” (with Kevin Boyle and Joan Poor), *American Journal of Agricultural Economics*, 81(5), 1118-1122, 1999.  
Reprinted in *Revealed Preference Approaches to Environmental Valuation: Volume II*, eds., J. Herriges and C. Kling (Ashgate Publishing), 2008.
- “Incentive Compatible Referenda and the Valuation of Environmental Goods,” *Agricultural and Resource Economics Review*, 27(2), 132-139, 1998.
- “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), *Journal of Environmental Economics and Management*, 31(3), pp 287-301, 1996.

### **Peer-Reviewed Interdisciplinary, Reports, Monographs and Other**

- “Economic Benefits of Remediating the Buffalo River, NY Area of Concern,” (with John Braden and DooHwan Won), *Journal of Great Lakes Research*, 34: 631-648, 2008.
- “Economic Benefits of Remediating the Sheboygan River, WI Area of Concern,” (with John Braden and DooHwan Won), *Journal of Great Lakes Research*, 34: 649-660, 2008.
- “The Value of Private and Public Green Space in the Leafy Suburbs of Adelaide,” (with Darla Hatton MacDonald, Neville Crossman, Parvin Mahmoudi, David Summers, and Peter Boxall), CSIRO Land and Water Division Report, January 2008, 56 pp.
- “Public/Private Partnerships for Brownfield Redevelopment” NC State Economist, November/December 2007.
- “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 NOx 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.

### **Manuscripts**

- “Experimental Tests of Provision Rules in Choice Surveys,” (with Kevin Boyle and Mark Morrison), under review.
- “The Value of Public and Private Green Spaces Under Water Restrictions,” (with Darla Hatton-MacDonald, Neville Crossman, Parvin Mahmoudi, David M. Summers, and Peter C. Boxall), under review.
- “Proximity as a Proxy for Exposure in Hedonic Models: Theory and Evidence,” (with John Braden, Daniel Phaneuf, and DooHwan Won).
- “Valuing Heterogeneous Fatality Risks,” (with Ikuho Kochi).

### **Externally Funded Research Projects**

#### *Principal Investigator*

- “Amenity Values of Proximity to National Wildlife Refuges,” funded by the U.S. Fish and Wildlife Service, \$67,800, 2009-2010.
- “Camp Resources: A Workshop for Professional Development of Young Researchers in Environmental Economics,” funded by the US Environmental Protection Agency, Co-Principal Investigator: Roger von Haefen, \$176,000, 2009-2013.
- “Disconnecting Stormwater Conveyances to Restore the Black Creek Watershed,” funded by the North Carolina Clean Water Management Trust Fund, Co-Principal Investigators: Christy Perrin (lead PI), Patrick Beggs, Kofi Boone, Mitchell Woodward, \$122,000, 2009-2011.
- “Documenting Landscape Change in North Carolina: A Tool for Decision-Makers,” funded by NCSU Office of Extension, Engagement and Economic Development, Co-Principal Investigator: Steve Smutko, \$10,000, 2008 - 2009.
- “Agricultural Water Policy in Georgia” funded by U.S. Department of Agriculture, Co-Principal Investigator: Paul Ferraro (lead PI), \$129,295, 2006 - 2008.
- “Experimental Tests of Provision Rules in Conjoint Applications for Environmental Valuation,” funded by the U.S. Environmental Protection Agency, \$129,000, 2003 - 2004.

- “Estimating the Economic Impacts of Brownfields in an Urban Area,” funded by the U.S. Environmental Protection Agency, \$93,000, 1999-2000.
- “Brownfields in Georgia,” funded by the Fiscal Research Center, Georgia State University and the Research and Sponsored Programs Office, Georgia State University, \$18,200, 1998.
- “The Atlanta Voluntary Ozone Action Partners,” funded by the Environmental Protection Division, Georgia Department of Natural Resources, Co-Principal Investigator: Ronald Cummings (lead-PI), \$460,000, 1997-1998.
- “The Costs of Ozone Air Pollution Controls for the Atlanta Region,” funded by the Environmental Protection Division, Georgia Department of Natural Resources, Co-Principal Investigator: Ronald Cummings (lead-PI), \$96,000, 1996-1997.

*Investigator, Non-Principal*

- “The Economic Benefits of Sediment Remediation,” funded by the United States Environmental Protection Agency, Principal Investigator: John Braden, \$129,800, 2004 - 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, 2002 - 2004.
- “Agricultural Water Policy Research Program,” funded by the United States Department of Agriculture, Principal Investigator: Ronald Cummings, \$903,422, 2001 - 2003.
- “Innovative Water Policies,” funded by the Georgia Soil and Water Conservation Commission, Principal Investigator: Ronald Cummings, \$905,527, 2001 - 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**

- ECrew Workshop, Bathurst, Australia (Keynote Speaker), November 2007.
- W-1133 Annual Technical Meeting, February 2007.
- Iowa State University, Heartland Environmental & Resource Economics Workshop, Keynote 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.  
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.  
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.  
Southern Economic Association Annual Meetings, November 1995.  
W-133 Annual Technical Meeting, March 1995.  
Triangle Camp Resources, August 1994.  
American Economic Association Annual Meetings, January 1994.

### **Teaching Experience:**

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

### **Supervisory Activities:**

*Committee Chair*

Doctoral Thesis, "Estimating Quality Adjusted Income in Residential Sorting Models," Timothy Hamilton, in progress.

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

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

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

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

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

Doctoral Thesis, "Mode, Population, and Gender Effects in Experimental Applications of Contingent Valuation," by Kelly Brown, 1999.

Undergraduate Honors Thesis, "Title IV of the Clean Air Act Amendments: A Laboratory Evaluation of the EPA's Allowances Auctions," by Jonathon Feagle, 1995.

#### *Committee Member*

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

Doctoral Thesis, "Modeling the Anthropogenic Spread of Aquatic Invasive Species: The Case of Zebra Mussels and Transient Recreational Boating in Wisconsin," Levente Timar, 2008.

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

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

Doctoral Thesis, "Essays on Voluntary Environmental Compliance," Toshi Uchida, 2004.

Doctoral Thesis, "The Dirty-Industry Migration Hypothesis: A Reconsideration," David Green, 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*

Member, NCSU Campus Environmental Sustainability Team, November 2009 to present.  
Member, Post-tenure Review Committee, Agricultural and Resource Economics, North Carolina State University, 2008-present.  
Member, Public Policy Task Force, North Carolina State University, 2008.  
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.  
Member, University Senate, Georgia State University, 2000 to 2002.

#### *External*

Technical Committee Member, Initiative for Sustainable Urban Water Use, Water Resources Research Institute, November 2009 to present.  
Ocean Policy Steering Committee Member, North Carolina Department of Environment and Natural Resources, Division of Coastal Management, January 2008 to present.  
Program Committee Member, 2002 World Congress of Environmental and Resource Economists.  
Program Committee Chair, 2001 Association of Environmental and Resource Economists Workshop.  
Member, Brownfields Technical Committee, Atlanta Chamber of Commerce, 1996 to 1998.

#### *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 Economic Behavior and Organization, Journal of Environmental Management, Journal of Environmental Economics and Management, Journal of Environmental Planning and Management, Journal of Policy Analysis 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*