

## **John C. Whitehead**

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### **PERSONAL**

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### **EDUCATION**

Ph.D. Economics, University of Kentucky, Lexington, KY, 1990.

Fields of Concentration: Environmental and Resource Economics, International Economics

Dissertation: "The Effect of Substitutes on Existence Value and Nature Preservation in Benefit Cost Analysis," Chair: Glenn C. Blomquist.

M.A. Economics, University of Kentucky, Lexington, KY, 1987.

B.A. Economics and Management, Centre College, Danville, KY, 1985.

### **EXPERIENCE**

Department Chair (2009-Present), Department of Economics, Appalachian State University

Professor (2006-Present), Department of Economics, Appalachian State University

Associate Professor (2004-2006), Department of Economics, Appalachian State University

Associate Professor of Economics (2001-2004), Department of Economics and Finance, UNC at Wilmington

Adjunct Professor of Economics and Coastal Resource Management (2001-2006), East Carolina University

Professor (2000-2001), Department of Economics, East Carolina University

Director (1995-2000), Coastal and Marine Studies Program, East Carolina University

Associate Professor (1995-2000), Department of Economics, East Carolina University

Assistant Professor (1989-1995), Department of Economics, East Carolina University

### **TEACHING**

Teaching Interests: Environmental Economics, Natural Resource Economics, Benefit-Cost Analysis,

Microeconomics, International Economics, Mathematical Economics, Econometrics, Macroeconomics

Courses taught at Appalachian State University: Principles of Economics – Price Theory (ECO 2030), Principles of Economics – Macroeconomics (ECO 2040), International Economics (ECO 3410), Environmental Economics (ECO 3620), Benefit-Cost Analysis (ECO 4660/5660), Seminar in Economics (ECO 4810), Economics for Business Decision Making (MBA 5110)

Courses taught at the University of North Carolina at Wilmington: Principles of Economics – Macro (ECN 222), Money and Capital Markets (ECN 324), Natural Resource Economics (ECN/EVS 330), Environmental Economics and Management (MBA 533), Macroeconomics (MBA 521), International Economics (MBA 523)

Courses taught at East Carolina University: Survey of Coastal and Marine Resources (COAS 2025); Society and the Sea Seminar (COAS 4045); Coastal and Marine Resources Problem Analysis (COAS 5001); General Economics (ECON 1000); Principles of Microeconomics (ECON 2133); Intermediate Microeconomics

(ECON 3144); Environmental Economics (ECON 3855); International Trade (ECON 4373); Topics: Environmental Policy (ECON 5000); Topics: Benefit-Cost Analysis (ECON 5000); Resource Economics I (ECON 5170); Mathematical Economics (ECON 5360); Resource Economics II (ECON 6172); Economics of Coastal Populations (ECON 6300)

## **RESEARCH**

### **Research Interests**

Valuation of Environmental and Natural Resources, Natural Hazard Mitigation, Benefit-Cost Analysis, Applied Microeconomics

### **Editorial Experience**

Associate Editor, Journal of Environmental Management, 2010 – present.

Associate Editor, Marine Resource Economics, 2007-present.

Editorial Council, Journal of Environmental Economics and Management, 2005-2008.

Special Issue Editor, “Social Science Aspects of Hurricane Impacts and Mitigation” Natural Hazards Review, 3(3), 2002.

### **Publications**

#### Books

Whitehead, John C., Timothy C. Haab and Ju-Chin Huang, editors, Preference Data for Environmental Valuation: Combining Revealed and Stated Approaches, Routledge, March 2011.

Maiolo, John R., John C. Whitehead, Monica McGee, Lauriston King, Jeffery Johnson, Harold Stone, editors, Facing Our Future: Hurricane Floyd and Recovery in the Coastal Plain, Coastal Carolina Press, Wilmington, August 2001.

#### Journal Articles

Whitehead, John C., Bruce L. Johnson, Daniel S. Mason and Gordon J. Walker, “Consumption Benefits of NHL Game Trips Estimated from Revealed and Stated Preference Demand Data,” Economic Inquiry, forthcoming.

Landry, Craig E., Tom Allen, Todd Cherry and John C. Whitehead, “Wind Turbines and Coastal Recreation Demand,” Resource and Energy Economics 34:93-111, 2012.

Caudill, Steven B., Peter A. Groothuis and John C. Whitehead, “The Development and Estimation of a Latent Choice Multinomial Logit Model with Application to Contingent Valuation,” American Journal of Agricultural Economics 93(4):983-992, 2011.

Whitehead, John C., Christopher F. Dumas, Craig E. Landry and Jim Herstine, “Valuing Bag Limits in the North Carolina Charter Boat Fishery with Combined Revealed and Stated Preference Data,” Marine Resource Economics 26:233-241, 2011.

Landry, Craig E., Paul Hindsley, Okmyung Bin, Jamie B. Kruse, John C. Whitehead and Kenneth R. Wilson, “Weathering the Storm: Measuring Household Willingness-to-Pay for Risk-Reduction in Post-Katrina New Orleans,” Southern Economic Journal 77(4):991-1013, 2011.

Bin, Okmyung, Ben Poulter, Christopher Dumas and John C. Whitehead, “Measuring the Impact of Sea-Level Rise on Coastal Real Estate: A Hedonic Property Model Approach,” Journal of Regional Science, 51(4):751-767, 2011.

Haab, Timothy C., John C. Whitehead, George R. Parsons and Jammie Price, “Effects of Information about Invasive Species on Risk Perception and Seafood Demand by Gender and Race,” Resource and Energy Economics 32(4):586-599, 2010.

Whitehead, John C., Daniel Phaneuf, Christopher F. Dumas, Jim Herstine, Jeffery Hill, and Bob Buerger,

- “Convergent Validity of Revealed and Stated Recreation Behavior with Quality Change: A Comparison of Multiple and Single Site Demands,” *Environmental and Resource Economics*, 45(1):91-112, 2010.
- Whitehead, John C., and Adam Z. Rose, “Estimating Environmental Benefits of Natural Hazard Mitigation with Benefit Transfer: Results from a Benefit-Cost Analysis of FEMA Hazard Mitigation Grants,” *Mitigation and Adaptation of Strategies for Global Change* 14(7):655-676, 2009.
- Groothuis, Peter A., and John C. Whitehead, “The Provision Point Mechanism and Scenario Rejection in Contingent Valuation,” *Agricultural and Resource Economic Review* 38(2):271-280, 2009.
- Whitehead, John C., Ben Poulter, Okmyung Bin and Christopher F. Dumas, “Measuring the Impacts of Sea-Level Rise on Shore Fishing,” *Mitigation and Adaptation Strategies for Global Change*, 14(8):777-792, 2009.
- Chambers, Catherine M., Paul E. Chambers and John C. Whitehead, “Economic Growth and Threatened and Endangered Species Listings: A VAR Analysis” *Open Environmental Sciences* 3:79-87, 2009.
- Whitehead, John C., Peter A. Groothuis, Rob Southwick and Pat Foster-Turley, “Measuring the Economic Benefits of Saginaw Bay Coastal Marsh with Revealed and Stated Preference Methods,” *Journal of Great Lakes Research* 35(3):430-437, 2009.
- Poulter, Benjamin, Rebecca L. Feldman, Mark M. Brinson, Benjamin P. Horton, Michael K. Orbach, Samuel H. Pearsall, Enrique Reyes, Stanley R. Riggs, and John C. Whitehead, "Sea Level Rise Research and Dialogue in North Carolina: Creating Windows for Policy Change," *Ocean and Coastal Management* 52(3-4):147-153, 2009.
- Whitehead, John C., Subhrendu Pattanayek, George Van Houtven and Brett Gelso, “Combining Revealed and Stated Preference Data to Estimate the Nonmarket Value of Ecological Services: An Assessment of the State of the Science,” *Journal of Economic Surveys* 22(5):872-908, 2008.
- Whitehead, John C., “Willingness to Pay for Hurricane Evacuation Cost Insurance,” *Southern Business and Economic Journal* 31(3 & 4): 73-86, 2008.
- Whitehead, John C., Christopher F. Dumas, Jim Herstine, Jeffery Hill, and Bob Buerger, “Valuing Beach Access and Width with Revealed and Stated Preference Data,” *Marine Resource Economics* 23(2):119-135, 2008.
- Dumas, Christopher F., and John C. Whitehead, “The Potential Economic Benefits of Integrated and Sustainable Ocean Observation Systems: The Southeast Atlantic Region,” *Coastal Management*, 36(2):146-164, 2008.
- Groothuis, Peter A., Jana D. Groothuis and John C. Whitehead, “Green vs. Green: Measuring the Compensation Required to Site Electrical Generation Windmills in a Viewshed,” *Energy Policy* 36(4):1545-1550, 2008.
- Walker, Gordon S., Daniel J. Mason, Bruce K. Johnson and John C. Whitehead, “The End Doesn’t Always Justify the Means: Public Support for Funding Amateur Sports and Recreation Using Alberta Lottery Fund Monies,” *World Leisure Journal* 50(4):285-294, 2008.
- Johnson, Bruce K., John C. Whitehead, Daniel S. Mason and Gordon J. Walker, “Willingness to Pay for Amateur Sport and Recreation Programs,” *Contemporary Economic Policy*, 25(4):553-564, 2007.
- Johnson, Bruce K., Michael Mondello, and John C. Whitehead, “What is the Value of Public Goods Generated by a National Football League Team: A CVM Approach,” *Journal of Sports Management*, 21(1), 123-136, 2007.
- Whitehead, John C., Todd L. Cherry, “Willingness to Pay for a Green Energy program: A Comparison of Ex-Ante and Ex-Post Hypothetical Bias Mitigation Approaches,” *Resource and Energy Economics*, 29(4):247-261, 2007.
- Rose, Adam, Keith Porter, Nicole Dash, Jawhar Bouabid, Charles Huyck, John C. Whitehead, Douglass Shaw, Ronald T. Eguchi, Craig Taylor, Thomas R. McLane, L. Thomas Tobin, Philip T. Ganderton, David Godschalk, Anne S. Kiremidjian, Kathleen Tierney, and Carol Taylor West, “Benefit-Cost Analysis of FEMA Hazard Mitigation Grants,” *Natural Hazards Review*, 8(4):97-111, 2007.
- Landry, Craig E., Okmyung Bin, Paul Hindsley, John C. Whitehead, and Kenneth Wilson, “Going Home: Evacuation-Migration Decisions of Hurricane Katrina Survivors,” *Southern Economic Journal*, 74(2):326-343, 2007.
- Groothuis, Peter A., Jana D. Groothuis and John C. Whitehead, “The Willingness to Pay to Remove Billboards and Improve Mountain Views,” *Journal of Environmental Management*, 85(4):1094-1100, 2007.
- Whitehead, John C., and Richard Aiken, “Temporal Reliability of Willingness to Pay from the National Survey of Fishing, Hunting, and Wildlife- Associated Recreation,” *Applied Economics* 39(6):777-786, 2007.
- Parsons, George, Ash Morgan, John C. Whitehead and Timothy C. Haab, “The Welfare Effects of Pfiesteria-Related Fish Kills in Seafood Markets: A Contingent Behavior Analysis,” *Agricultural and Resource Economic Review*, 35(2): 348-356, 2006.

- Johnson, Bruce K., Michael Mondello, and John C. Whitehead, "Contingent Valuation of Sports Stadiums and Arenas: Temporal Embedding and Order Effects," *Journal of Sports Economics* 7(3):267-288, 2006.
- Whitehead, John C., "Contingent Valuation and Random Utility Model Estimates of the Recreational Value of King Mackerel," *Applied Economics*, 38(15):1725-1736, 2006.
- Whitehead, John C., "Improving Willingness to Pay Estimates for Quality Improvements through Joint Estimation with Quality Perceptions," *Southern Economic Journal*, 73(1):100-111, 2006.
- Whitehead, John C., "Environmental Risk and Averting Behavior: Predictive Validity of Revealed and Stated Preference Data," *Environmental and Resource Economics*, 32(2):301-316, 2005.
- Whitehead, John C., "Combining Contingent Valuation and Behavior Data with Limited Information," *Resource and Energy Economics*, 27(2):143-155, 2005.
- Huang, Ju-Chin, Timothy C. Haab, and John C. Whitehead, "Risk Valuation in the Presence of Risky Substitutes: An Application to Demand for Seafood," *Journal of Agricultural and Applied Economics*, 36(1), 213-228, 2004.
- Groothuis, Peter A., Bruce K. Johnson and John C. Whitehead, "Public Funding of Professional Sports Stadiums: Public Choice or Civic Pride," *Eastern Economic Journal*, 30, 4515-526, 2004.
- Whitehead, John C., and Suzanne Finney, "Willingness to Pay for Submerged Maritime Cultural Resources," *Journal of Cultural Economics*, 27, 231-240, 2003.
- Chambers, Catherine N., and John C. Whitehead, "A Contingent Valuation Estimate of the Value of Wolves in Minnesota," *Environmental and Resource Economics*, 26, 249-267, 2003.
- Whitehead, John C., Timothy C. Haab and George Parsons, "Economic Effects of Pfiesteria," *Ocean and Coastal Management*, 46, 845-858, 2003.
- Whitehead, John C., "One Million Dollars per Mile? The Opportunity Costs of Hurricane Evacuation," *Ocean and Coastal Management*, 46(11-12), 1069-1083, 2003.
- Groothuis, Peter A., and John C. Whitehead, "Does Don't Know Mean No? Analysis of 'Don't Know Responses in Dichotomous Choice Contingent Valuation Questions," *Applied Economics*, 34, 1935-1940, 2002.
- Whitehead, John C., "Incentive Incompatibility and Starting-Point Bias in Iterative Valuation Questions," *Land Economics*, 78, 2, 285-297, 2002.
- Whitehead, John C., William B. Clifford, and Thomas J. Hoban, "Willingness to Pay for a Saltwater Recreational Fishing License: A Comparison of Angler Groups," *Marine Resource Economics*, 16, 177-194, 2001.
- Whitehead, John C., William B. Clifford and Thomas J. Hoban, "Willingness to Pay for Agricultural Research and Extension Programs," *Journal of Agricultural and Applied Economics*, 33, 91-102, 2001.
- Johnson, Bruce K., Peter A. Groothuis, and John C. Whitehead "The Value of Public Goods Generated by a Major League Sports Team: The CVM Approach," *Journal of Sports Economics*, 2, 6-21, 2001.
- Johnson, Bruce K., and John C. Whitehead, "Value of Public Goods from Sport Stadiums: The CVM Approach," *Contemporary Economic Policy*, 18, 48-58, 2000.
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- Whitehead, John C., "Demand Side Factors and Environmental Equity Analysis," *Society and Natural Resources*, 13, 75-81, 2000.
- Whitehead, John C., Bob Edwards, Marieke Van Willigen, John R. Maiolo, Kenneth Wilson, and Kevin T. Smith "Heading for Higher Ground: Factors Affecting Real and Hypothetical Hurricane Evacuation Behavior," *Environmental Hazards*, 2, 133-142, 2000.
- Whitehead, John C., and Timothy C. Haab, "Southeast Marine Recreational Fishery Statistical Survey: Distance and Catch Based Choice Sets," *Marine Resource Economics*, 14, 283-298 1999.
- Whitehead, John C., and Thomas J. Hoban, "Testing for Temporal Reliability in Contingent Valuation with Time for Changes in Factors Affecting Demand," *Land Economics*, 75, 453-465, 1999.
- Schumacher, Edward J., and John C. Whitehead, "The Production of Health and the Valuation of Medical Inputs in Wage-Amenity Models," *Social Science and Medicine*, 50, 507-515, 1999.
- Chambers, Catherine M., Paul E. Chambers, and John C. Whitehead, "Contingent Valuation of a Quasi-Public Good: A Validity and Reliability Assessment," *Public Finance Review*, 26, 137-154, 1998.
- Whitehead, John C., Glenn C. Blomquist, Richard C. Ready, and Ju-Chin Huang, "Construct Validity of Contingent Valuation with Dichotomous and Polychotomous Choice Questions," *Environmental and Resource Economics*, 11, 107-116, 1998.

- Groothuis, Peter A., George Van Houtven, and John C. Whitehead, "Using Contingent Valuation to Measure the Compensation Required to Gain Community Acceptance of a LULU: The Case of a Hazardous Waste Disposal Facility," *Public Finance Review*, 26, 231-249, 1998.
- Blomquist, Glenn C., and John C. Whitehead, "Resource Quality Information and Validity of Willingness to Pay in Contingent Valuation" *Resource and Energy Economics*, 20, 179-196, 1998.
- Whitehead, John C., Timothy C. Haab, and Ju-Chin Huang, "Part-Whole Bias in Contingent Valuation: Will Scope Effects Be Detected with Inexpensive Survey Methods?" *Southern Economic Journal*, 65, 160-168, 1998.
- Whitehead, John C., "A Methodological Comparison of Theoretical Approaches in Dichotomous Choice Contingent Valuation," *Indian Journal of Applied Economics*, 7, 77-94, 1998.
- Huang, Ju-Chin, Timothy Haab, and John C. Whitehead, "Willingness to Pay for Quality Improvements: Should Revealed and Stated Preference Data be Combined?" *Journal of Environmental Economics and Management*, 34, 240-255, 1997.
- Whitehead, John C., Thomas J. Hoban and William B. Clifford, "Economic Analysis of Estuarine Quality Improvement: The Albemarle-Pamlico System," *Coastal Management*, 25, 43-57, 1997.
- Chambers, Catherine M., Paul E. Chambers, and John C. Whitehead, "Historical Resources, Uncertainty and Preservation Values: An Application of Option and Optimal Stopping Models," *Journal of Economics and Finance*, 21, 51-61, 1997.
- Chambers, Paul E., Richard Jensen, and John C. Whitehead, "Debt-for-Nature Swaps as Noncooperative Outcomes," *Ecological Economics*, 19, 135-146, 1996.
- Danielson, Leon, Thomas J. Hoban, George Van Houtven, and John C. Whitehead, "Measuring the Benefits of Local Public Goods: Environmental Quality in Gaston County, North Carolina" *Applied Economics*, 27, 1253-1260, 1995.
- Whitehead, John C., Glenn C. Blomquist, Thomas J. Hoban and William B. Clifford, "Assessing the Validity and Reliability of Contingent Values: A Comparison of On-site Users, Off-site Users, and Non-users," *Journal of Environmental Economics and Management*, 29, 238-251, 1995.
- Ready, Richard C., John C. Whitehead and Glenn C. Blomquist, "Contingent Valuation when Respondents are Ambivalent," *Journal of Environmental Economics and Management* 29, 181-196, 1995.
- Whitehead, John C., "Willingness to Pay for Quality Improvements: Comparative Statics and Theoretical Interpretations of Contingent Valuation Results," *Land Economics*, 71, 207-215, 1995.
- Stanton, Timothy J., and John C. Whitehead, "The Implicit Price of Sulfur in Bituminous Coal," *Applied Economics*, 27, 51-57, 1995.
- Chambers, Catherine M., Paul E. Chambers, and John C. Whitehead, "Nongovernmental Organizations and the Option Value of Donated Land," *Growth and Change*, 26, 442-462, 1995.
- Whitehead, John C., "Differentiating Use and Non-Use Values with the Properties of the Variation Function," *Applied Economics Letters*, 2, 388-390, 1995.
- Whitehead, John C., Thomas J. Hoban and William B. Clifford, "Measurement Issues with Iterated, Continuous/Interval Contingent Valuation Data," *Journal of Environmental Management*, 43, 129-139, 1995.
- Blomquist, Glenn C., and John C. Whitehead, "Existence Value, Contingent Valuation, and Natural Resources Damages Assessment" *Growth and Change* 26, 573-589, 1995.
- Chambers, Catherine M., Paul E. Chambers, and John C. Whitehead, "An Analysis of Implicit Markets for the Characteristics of Backpacking Equipment," *Journal of Retailing and Consumer Services*, 2, 223-229, 1995.
- Stanton, Timothy J., and John C. Whitehead, "Special Interests and Comparative State Policy: An Analysis of Environmental Quality Expenditures," *Eastern Economic Journal*, 20, 441-452, 1994.
- Whitehead, John C., Thomas J. Hoban and William B. Clifford, "Specification Bias in Contingent Valuation from Omission of Relative Price Variables," *Southern Economic Journal*, 60, 995-1009, 1994.
- Chambers, Catherine M., Paul E. Chambers, and John C. Whitehead, "Conservation Organizations and the Option to Preserve: An Application to Debt-for-Nature Swaps," *Ecological Economics*, 9, 135-143, 1994.
- Whitehead, John C., Peter A. Groothuis, Thomas J. Hoban and William B. Clifford, "Sample Bias in Contingent Valuation: A Comparison of the Correction Methods," *Leisure Sciences*, 16, 249-258, 1994.
- Whitehead, John C., "Item Nonresponse Bias in Contingent Valuation: Should CV Researchers Impute Values for Missing Independent Variables?" *Journal of Leisure Research*, 26, 296-303, 1994.

- Whitehead, John C., "Contingent Values for Coastal and Marine Wildlife: Specification, Validity, and Valuation Issues," *Marine Resource Economics*, 8, 119-132, 1993.
- Dalecki, Michael, John C. Whitehead, and Glenn C. Blomquist, "Sample Nonresponse Bias and Aggregate Benefits in Contingent Valuation: An Examination of Early, Late, and Non-Respondents," *Journal of Environmental Management*, 38, 133-143, 1993.
- Whitehead, John C., "Economic Valuation of Wetland Resources: A Review of the Value Estimates," *Journal of Environmental Systems*, 22, 151-161, 1992-93.
- Whitehead, John C., Peter A. Groothuis and Glenn C. Blomquist, "Testing for Nonresponse and Sample-Selection Bias in Contingent Valuation: Analysis of a Combination Phone/Mail Survey," *Economics Letters*, 41, 215-220, 1993.
- Whitehead, John C., and Carol Y. Thompson, "Environmental Preservation Demand: Altruistic, Bequest, and Intrinsic Motives," *American Journal of Economics and Sociology*, 52, 19-30, 1993.
- Whitehead, John C., "Measuring Resource Use Value from Recreation Participation," *Southern Journal of Agricultural Economics*, 24, 113-120, 1992.
- Whitehead, John C., and Peter A. Groothuis, "Economic Benefits of Improved Water Quality: A Case Study of North Carolina's Tar-Pamlico River," *Rivers*, 3, 170-178, 1992.
- Whitehead, John C., "Ex-Ante Willingness to Pay with Supply and Demand Uncertainty: Implications for Valuing a Sea Turtle Protection Program," *Applied Economics*, 24, 981-988, 1992.
- Whitehead, John C., "Benefits of Quality Changes in Recreational Fishing: A Single-Site Travel Cost Approach," *Journal of Environmental Systems*, 21, 319-326, 1991-1992.
- Whitehead, John C., and Glenn C. Blomquist, "Measuring Contingent Values for Wetlands: Effects of Information about Related Environmental Goods," *Water Resources Research*, 27, 2523-2531, 1991.
- Whitehead, John C., "Environmental Interest Group Behavior and Self-Selection in Contingent Valuation Mail Surveys," *Growth and Change*, 22, 10-21, 1991.
- Whitehead, John C., and Glenn C. Blomquist, "A Link Between Behavior, Information, and Existence Value," *Leisure Sciences*, 13, 93-110, 1991.
- Whitehead, John C., "Measuring Willingness to Pay for Wetlands Preservation with the Contingent Valuation Method," *Wetlands*, 10, 187-201, 1990.

#### Comments and Replies

- Whitehead, John C., "Incentive Incompatibility and Starting-Point Bias in Iterative Valuation Questions: Reply," *Land Economics*, 80, 2, 316-319, 2004.
- Whitehead, John C., and Glenn C. Blomquist, "Do Reminders of Substitutes and Budget Constraints Influence Contingent Valuation Estimates? Reply to Another Comment," *Land Economics*, 75, 483-484, 1999.
- Haab, Timothy C., Ju-Chin Huang, and John C. Whitehead, "Are Hypothetical Referenda Incentive Compatible? A Comment," *Journal of Political Economy*, 107, 186-196, 1999.
- Whitehead, John C., and Glenn C. Blomquist, "Do Reminders of Substitutes and Budget Constraints Influence Contingent Valuation Estimates? Comment," *Land Economics*, 71, 541-543, 1995.
- Whitehead, John C., "Measuring Resource Use Value from Recreation Participation: Reply," *Journal of Agricultural and Applied Economics (formerly Southern Journal of Agricultural Economics)*, 26, 314-315, 1994.
- Whitehead, John C., "A Comment on 'Differential Campsite Pricing,'" *Journal of Leisure Research*, 22, 276-279, 1990.

#### Book Chapters

- Whitehead, John C., "Economics of recreational fisheries for inland striped bass and hybrid striped bass" in *Biology and Management of Inland Striped Bass and Hybrid Striped Bass*, edited by Jim Bulak, Charles C. Coutant, and James A. Rice, American Fisheries Society, forthcoming.
- Johnson, Bruce K., and John C. Whitehead, "Contingent Valuation of Sports," *Handbook of Sports Economics*, Oxford University Press, forthcoming.
- Haab, Timothy C., Aaron Schiff and John C. Whitehead, "Economics Blogs and Economic Education," Chapter

- 15 in *International Handbook on Teaching and Learning Economics*, edited by KimMarie McGoldrick and Gail Hoyt, Edward Elgar, December 2011.
- Haab, Timothy C., Bin Sun and John C. Whitehead, "Combining Revealed and Stated Preferences to Identify Hypothetical Bias in Repeated Question Surveys," Chapter 11 in *Preference Data for Environmental Valuation: Combining Revealed and Stated Approaches*, edited by John Whitehead, Timothy Haab and Ju-Chin Huang, Routledge, 2011.
- Dumas, Christopher F., Jim Herstine and John C. Whitehead, "Joint Estimation of Revealed and Stated Preference Trip and Willingness-to-pay Data to Estimate the Benefits and Impacts of an Atlantic Intracoastal Waterway Dredging and Maintenance Program," Chapter 15 in *Preference Data for Environmental Valuation: Combining Revealed and Stated Approaches*, edited by John Whitehead, Timothy Haab and Ju-Chin Huang, Routledge, 2011.
- Whitehead, John C., "Discussion: Valuation and Preferences," Chapter 27 in *Environmental Economics, Experimental Methods*, edited by Todd L. Cherry, Stephan Kroll and Jason F. Shogren, Routledge, 2008.
- Whitehead, John C. and Glenn C. Blomquist, "Contingent Valuation and Benefit-Cost Analysis," Chapter 4 in *Handbook on Contingent Valuation*, ed by Anna Alberini and James R. Kahn, Cheltenham, U.K.: Edward Elgar Publishing, pp 66-91, 2006.
- Whitehead, John C., "A Practitioner's Primer on Contingent Valuation," Chapter 4 in *Handbook on Contingent Valuation*, ed by Anna Alberini and James R. Kahn, Cheltenham, U.K.: Edward Elgar Publishing, pp 92-115, 2006.
- Dumas, Christopher F., Peter W. Schuhmann, and John C. Whitehead, "Measuring the Economic Benefits of Water Quality Improvement with the Benefit Transfer Method: An Introduction for Non-Economists," in *Effects of Urbanization on Stream Ecosystems*, Larry R. Brown et al., editors, Bethesda, MD: American Fisheries Society, 2005.
- Whitehead, John C., "Hurricane Risk Perceptions and Preparedness," Chapter 11 in *Economics and Wind*, Bradley T. Ewing and Jamie Brown Kruse, editors, pp. 125-139, Nova Science Publishers, 2005.
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#### Other Publications

- Ganderton, Philip T., Keith Porter, Adam Rose, Nicole Dash, John Whitehead, Elliot Mittler, Craig Taylor, Linda Bourque, Ronald T. Eguchi, Thomas R. McLane, and Charles K. Huyck, "Summary of Economic Analysis of Benefits and Costs of FEMA Hazard Mitigation Projects, AERE Newsletter, 26(2): 19-29, November 2006.
- Haab, Timothy C., and John C. Whitehead, "Sink or Swim: What to do About Serial Flood Victims," *The Milken Institute Review*, 46-55, Second Quarter 2006.
- Haab, Tim and John Whitehead, "The Environmental Economics Blog: The First 3 Months," *AERE Newsletter*, 25(2): 17-20, November 2005.
- Whitehead, John C., "Improving Willingness to Pay Estimates for Quality Improvements through Joint Estimation with Quality Perceptions," *National Center for Environmental Economics Working Paper*, <http://yosemite.epa.gov/ee/epa/eed.nsf/webpages/workingpaperseries.html>.
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- Boyd, Emily, and John C. Whitehead, "Effects of Information on Knowledge about *Pfiesteria* and Seafood Consumption," *North Carolina Geographer*, Volume 12, 1-10, 2004.
- Whitehead, John C., "Review of Ståle Navrud and Richard C. Ready (editors) *Valuing Cultural Heritage: Applying Environmental Valuation Techniques to Historic Buildings, Monuments and Artifacts*" *Economic History Services*, Jan 10, 2003, <http://www.eh.net/bookreviews/library/0573.shtml>.

- Whitehead, John C., "Contingent Values for Coastal and Marine Wildlife: Specification, Validity, and Valuation Issues," reprinted in *Water Resources and Coastal Management*, edited by R. Kerry Turner and Ian Bateman, Edward Elgar, 2001.
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- Ready, Richard C., John C. Whitehead and Glenn C. Blomquist, "Contingent Valuation when Respondents are Ambivalent," reprinted in *Environmental Valuation, Volume 1*, edited by Kenneth G. Willis, Kenneth Button, and Peter Nijkamp, Edward Elgar, 1999.
- William R. Mangun, Nicholas Lucas, John C. Whitehead, and Jean C. Mangun, "Valuing Red Wolf Recovery Efforts at Alligator River NWR: Measuring Citizen Support," *Wolves of America Conference Proceedings*, Defenders of Wildlife, 165-171, 1996.
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- Ready, Richard, John C. Whitehead, and Glenn Blomquist "Polychotomous Choice Valuation Questions," in *Benefits and Costs in Natural Resources Planning, Proceedings of the Western Regional Research Project W-133, Fourth Interim Report*, ed. by Catherine Kling, June, 1991.
- Chambers, Catherine M., Paul E. Chambers, and John C. Whitehead, "Environmental Preservation and Corporate Involvement: Green Products and Debt-for-Nature Swaps," *Review of Business*, 15, 17-21, 1993.
- Whitehead, John C., "Pleasure vs. Preservation," review of *Outdoor Recreation Policy: Pleasure and Preservation*, ed. by John D. Hutcheson, Jr., Francis P. Noe, and Robert E. Snow, in *Growth and Change*, pp. 376-378, Summer 1992.
- Whitehead, John C., Review of *The Environmental Factor: Its Impact on the Future of the World Economy and Your Investments*, by Michael Silverstein, in *Environmental History Review*, pp. 112-113, Summer 1991.
- Whitehead, John C., "Environmental Watchdogs," review of *Wildlife in the Public Interest: Nonprofit Organizations and Federal Wildlife Policy*, by James A. Tober, in *Growth and Change*, pp. 95-96, Fall 1990

### Current Research

Working Papers available at: <http://econpapers.repec.org/RAS/pwh15.htm>.

### **FUNDED RESEARCH**

#### **Grants**

- "Multi-Mode Chesapeake Bay Menhaden Survey," with Todd Hartman and Tanga McDaniel, Virginia Marine Resources Commission, Subcontract with Virginia Institute of Marine Sciences, May 10, 2010-August 19, 2010, \$51,415.
- "Estimating the Value of Medal Success at the 2010 Winter Olympic Games," with Brad Humphreys (PI), Dan Mason (Co-PI) and Bruce Johnson, Social Sciences and Humanities Research Council, 2009-2010, \$52,640.
- "Benefits and Costs of Strategic Coastal Retreat," with Ash Morgan, Funded by the Education Foundation of America as subcontract with the Program for the Study of Developed Shorelines, Western Carolina University, April 2009-April 2011, \$16,000.
- "Benefits and Costs of Offshore Wind Farms in North Carolina," with Tom Allen, Todd Cherry and Craig Landry, Funded by the ASU Energy Center, July 2008-June 2009, \$39,000.
- "The Economic Impact to Local Economies of Sea-Level Rise on Marine Recreational Fishing," with Chris Dumas, January – June 2008, Subcontract to ASU from "North Carolina Coastal Hazards: Economic Implications of Severe Storms and Sea Level Rise" Project Directors: Dr. Stephen J. Culver and Dr. Stanley R. Riggs, UNC Research Competitiveness Fund to East Carolina University, January – June 2008, \$8000.
- "Recreation Value and Economic Impacts of the North Carolina For-Hire Recreational Fishing Fleet" Co-PI with



- Chris Dumas, Tim Hatcher, Jim Herstine and Craig Landry, Funded by the North Carolina Sea Grant Fishery Resource Grants (FRG) Program to UNC Wilmington, May 2007-March 2009, \$70,348.
- “Angler Heterogeneity and the Species-Specific Demand for Recreational Fishing in the Southeast United States,” Co-PI with Rob Hicks, Tim Haab and Kurt Schnier, funded by National Marine Fisheries Service (MARFIN) to Appalachian State University, May 2006 – May 2008, \$76,371.
- “Measuring the Impacts of Climate Change on North Carolina Coastal Resources,” Co-PI with Okmyung Bin, Chris Dumas, and Ben Poulter, funded by National Commission for Energy Policy to Appalachian State University, June 1-December 1, \$50,000.
- “The ‘New’ New Orleans: Evaluating Preferences for Rebuilding Plans after Hurricane Katrina,” Co-PI with Jamie B. Kruse (PI), Okmyung Bin, Craig E. Landry, Harold Stone, Kenneth R. Wilson, funded by National Science Foundation to East Carolina University, \$170,459.
- “The Alberta Lottery Fund and Funding Amateur Arts, Sports, Recreation, and Professional Sports: A Study of Public Awareness and Willingness to Support,” Co-PI with Daniel S. Mason, Gordon J. Walker and Bruce K. Johnson, funded by Alberta Gaming Research Institute to the University of Alberta, January 2006 – December 2007, \$148,325 (Canadian).
- “A Preliminary Assessment of the Economic Impacts and Economic Benefits of Recreational Boating Along the Atlantic Intracoastal Waterway in North Carolina,” Co-PI with Jim Herstine, Chris Dumas, and Woody Hall, funded by North Carolina Sea Grant, North Carolina Shore and Beach Preservation Association and North Carolina Department of Environment and Natural Resources to UNC Wilmington, June 2005 – May 2006, \$65,945.
- “The Potential Economic Benefits of Coastal Ocean Observing Systems: The Southeast Atlantic,” Co-PI with Chris Dumas, funded by North Carolina Sea Grant to UNC Wilmington, May 2004 – August 2004, \$31,406.
- “An Analysis of the Economic Impacts and Economic Benefits of Recreational Boating on the Atlantic Intracoastal Waterway in North Carolina,” Co-PI with Jim Herstine and Woody Hall, funded by North Carolina Sea Grant, March 2003 – December 2003, \$4995.
- “Assessing the Stability of Marine Recreational Resource Values across Space and Time,” Co-PI with Timothy C. Haab and Robert L. Hicks, funded by National Marine Fisheries Service to Ohio State University, October 2001 – September 2003, \$188,267.
- “The Economic Effects of Pfiesteria in the Mid-Atlantic Region,” Co-PI with Timothy Haab, also with George Parsons, Doug Lipton, and Jim Kirkley, ECOHAB Program, funded by National Oceanic and Atmospheric Administration through North Carolina Sea Grant to East Carolina University, September 1999 – December 2001, \$313,000.
- “The Socioeconomic Impacts of Hurricanes Dennis and Floyd,” Co-PI with John R. Maiolo, Bob Edwards, Marieke Van Willigen, and Kenneth Wilson, funded by North Carolina Division of Emergency Management to East Carolina University, January 2000 – June 2001, \$11,500.
- “The Socioeconomic Impacts of Hurricanes Dennis and Floyd,” with John R. Maiolo, Bob Edwards, Marieke Van Willigen, and Kenneth Wilson, funded by North Carolina Sea Grant, January 2000 – June 2001, \$7000.
- “The Economic Value of Marine Recreational Fishing in the Southeast United States,” with Timothy C. Haab and Kenneth E. McConnell, funded by National Marine Fisheries Service to East Carolina University, October 1998-January 2000, \$77,000.
- “Socioeconomic Hurricane Evacuation Impact Analysis and a Hurricane Evacuation Impact Assessment Tool for Coastal North Carolina: A Case Study of Hurricane Bonnie,” with John R. Maiolo, Bob Edwards and Kenneth Wilson, funded by North Carolina Department of Crime Control and Public Safety, Division of Emergency Management, December 1998-May 1999, \$50,000.
- “Measuring Public Benefits of Nongame Wildlife in Eastern North Carolina,” PI, North Carolina Wildlife Resources Commission, funded by North Carolina Nongame Small Grants Program to East Carolina University, April 1990-April 1991, \$1500.
- “The Effect of Alternative and Reclaimed Areas on the Value of Wetlands,” Co-PI with Glenn C. Blomquist, funded by Office of Surface Mining Reclamation and Enforcement, U.S. Department of the Interior to the University of Kentucky, October 1989- December 1990, \$25,000.

## Contracts

- “North Carolina Sea Level Rise Risk Management Study,” North Carolina Department of Crime Control and Public Safety, Division of Emergency Management Floodplain Mapping Program, September 1, 2009 – Present.
- “Contract for Analytical Services Relating to the Deepwater Horizon Disaster,” Office of Economic and Demographic Research of the Florida Legislature and the Institute of Food and Agricultural Sciences, Food and Resource Economics Department of the University of Florida, November 18, 2010 – March 30, 2012.
- “Economic Analysis Consultancy in Trinidad and Tobago,” Inter-American Development Bank, September 2011- November 2011.
- “Neches River Oil Spill Environmental Damage Assessment,” CREATE, University of Southern California, January 2011-March 2011.
- “Nonmarket Valuation of Climate Change and Ocean Acidification Impacts to Marine Resources,” Improving the Assessment and Valuation of Climate Change Impacts for Policy and Regulatory Analysis, U.S. Environmental Protection Agency and Department of Energy, January 2011.
- “The Economic Importance and Value of Menhaden in the Chesapeake Bay,” Virginia Institute of Marine Science, April 2008 – December 2010.
- “Economic Values of Walton County Beaches: A Benefit Transfer Analysis,” Southwick Associates, March 2008-October 2008.
- “Statistical Analysis of the Water Resource Center Wetlands Survey Data,” Southwick Associates, August 2008- July 2008.
- “Economic Study of the Benefits of Oregon Inlet to the Economy of Dare County,” with Chris Dumas and William Hall, Moffatt & Nichol/Dare County Oregon Inlet & Waterways Commission, January 2006 – May 2006.
- “Estimating the Potential Benefits and Future Funding of a South Carolina Red Drum Stocking Program,” South Carolina Marine Resources Division, May 2005 – January 2006.
- “Assess the Economic Importance of the Great Lakes Coastal Marshes, with an Emphasis on Saginaw Bay,” with Pete Groothuis, Southwick Associates/Ducks Unlimited/U.S. Environmental Protection Agency, November 2004 – December 2006.
- “Independent Study to Assess Future Savings from Mitigation Activities,” Applied Technology Council/Multihazard Mitigation Council/Federal Emergency Management Agency, May 2003 – December 2004.
- “Combining Revealed and Stated Preference Data to Estimate the Nonmarket Value of Ecological Services,” RTI International/U.S. Environmental Protection Agency, September 2003.
- “Determination of Recreation Demand for Federal Shore Protection Study Areas,” University of North Carolina at Wilmington/U.S. Army Corps of Engineers, June 2003 – May 2004.
- “Willingness to Pay for Green Energy in Western North Carolina,” Appalachian State University/N.C. Department of Energy, September 2002 – May 2003.
- “Improving Willingness to Pay Estimates for Water Quality Improvements through Joint Estimation with Water Quality Perceptions,” Research Triangle Institute/U.S. Environmental Protection Agency, October 2002 – March 2003.
- “MRFSS SAS Codes for South Carolina Marine Resources Division,” South Carolina Marine Resources Division, June 2002.
- “Willingness to Pay for Hurricane Evacuation Insurance,” Fiduciary Consultants, June 2000 - May 2001.
- “Analysis of Contingent Valuation Data from the 1997-98 Southeast Economic Add-on Survey Data,” with Timothy Haab, National Marine Fisheries Service, Southeast Regional Office, September 2000 – March 2001.
- “Coastal Recreational Fishing License Survey: Economic Analysis,” North Carolina Agricultural Research Service/N.C. Sea Grant, September 1998-May 1999.
- “North Carolina Agriculture Survey: Contingent Valuation Design and Analysis,” North Carolina Agricultural Research Service, July 1998-May 1999.

"Landowners and the Neuse River Survey: Contingent Valuation Design and Analysis," North Carolina Agricultural Research Service/U.S. Environmental Protection Agency, April 1998-April 1999.

"Methods for Valuing the Benefits of the Safe Drinking Water Act," Research Triangle Institute/U.S. Environmental Protection Agency, May 1996-April 1997.

"Public Opinion about Environmental Quality in Gaston County," North Carolina Cooperative Extension Service, January 1996-March 1996.

"Public Attitudes Toward Water Quality and Management Alternatives in the Albemarle-Pamlico Estuarine System: Contingent Valuation Data Analysis," North Carolina Cooperative Extension Service/U.S. Environmental Protection Agency, January 1992-August 1992.

"Contingent Valuation Analysis of Gaston County Survey," North Carolina Cooperative Extension Service, July 1991-October 1991.

## **Internal Grants**

UNCW Cameron School of Business Summer Research Grant, 2003; UNCW Cameron School of Business Summer Research Grant, 2002; UNCW Charles L. Cahill Award for Faculty Research and Development, 2001; ECU College of Arts and Sciences, College Research Award, Spring 2000; ECU Faculty Senate Teaching Grants Committee, Summer Teaching Stipend, 1995; ECU Faculty Senate Research/Creative Activity Committee, Summer Research Stipend, 1992; ECU Faculty Senate Research/Creative Activity Committee, Academic Year Grant, 1991

## **PROFESSIONAL ACTIVITIES**

### **Presentations**

#### Conference

Southern Economic Association, Atlanta, GA, November 2011; Allied Social Science Associations, Denver, CO, January 2011; Southern Economic Association, Atlanta, GA, November 2010; NOAA Fisheries Economics & Social Science Workshop, Orlando, FL, September 2010; Unifour Air Quality Conference, Hickory, NC, May 2010; Southern Economic Association, San Antonio, TX, November 2009; American Fisheries Society, Nashville, TN, September 2009; North American Association of Fisheries Economists, Newport, RI, May 2009; Southern Economics Association, Washington, DC, November 2008; Sport and Economics Symposium, Hamburg, Germany, July 2008; Southern Economics Association, New Orleans, SC, November 2007; Triangle Resource and Environmental Economics Workshop, Raleigh, NC September 2007; American Agricultural Economics Association, Portland, OR, July 2007; Challenges of Socioeconomic Research in Coastal Systems, New Orleans, LA, May 2007; Southern Economics Association, Charleston, SC, November 2006; American Fisheries Society, Lake Placid, NY, September 2006; American Meteorological Society, Atlanta, GA, January 2006; Southern Economics Association, Washington, DC, November 2005; American Fisheries Society, Anchorage, AK, September 2005; Southern Economics Association, New Orleans, LA, November 2004; Challenges of Socioeconomic Research in Coastal Systems, Baton Rouge, LA, May 2004; Southern Economic Association, San Antonio, TX, November 2003; American Fisheries Society Annual Meeting, Quebec City, August 2003; American Fisheries Society Southern Division Spring Meeting, Wilmington, NC, February 2003; Southern Economic Association, New Orleans, LA, November 2002; Southern Economic Association, New Orleans, LA, November 2002; World Congress of Environmental and Resource Economists, Monterey, CA, June 2002; Contingent Valuation of Culture Conference, Chicago, IL, February 2002; Southern Economic Association, Tampa, FL, November 2001; Sixth Maritime Heritage Conference, Wilmington, NC, October 2001; East Carolina University Hurricane Conference: Of People Place and Progress: Extended Recovery on the Coastal Plain, Social Science Research Workshop, Greenville, NC, May 2001; Coastal Plain Waters 2001, Human Dimensions of Coastal Recreation Research Conference, Washington, NC, March 2001; American Fisheries Society, Southern Division, Jacksonville, FL, February 2001; Association of Environmental and Resource Economists / Allied Social Science Associations, New Orleans, LA, January 2001; Southern Economic Association, Crystal City, VA, November 2000; American Fisheries Society, St. Louis, MO, August 2000; East Carolina University Hurricane

Conference: In the Aftermath of Hurricane Floyd: Recovery in the Coastal Plain, Social Science Technical Session, Greenville, NC, May 2000; North Carolina Governor's Hurricane Conference, Sunset Beach, NC, March 2000; Symposium, Estuarine Research in North Carolina, Tidewater Chapter, American Fisheries Society, Kill Devil Hills, NC, March 2000; Southern Economic Association, New Orleans, LA, November 1999; National Marine Fisheries Service Workshop to Develop Guidelines for Choice Set Definition in Recreational Fisheries Valuation Models, Silver Spring, MD, September 1999; American Fisheries Society, Charlotte, NC, September 1999; Eastern Economic Association, Boston, MA, March 1999; Economic Association, Baltimore, MD, November 1998; Southern Economic Association, Atlanta, GA, November 1997; Midwest Economic Association, Kansas City, MO, March 1997; Southern Economic Association, Washington, DC, November 1996; Eastern Economic Association, Boston, MA, March 1996; Southern Economic Association, New Orleans, LA, November 1995; Midwest Economics Association, Cincinnati, OH, March 1995; Southern Economic Association, Orlando, FL, November 1994; Triangle Camp Resources, Wilmington, NC, August 1994; Growth and Change Conference on Wilderness Areas, Lexington, KY, October 1994; Western Social Science Association, Albuquerque, New Mexico, April 1994; Southern Economic Association, New Orleans, LA, November 1993; Southern Economic Association, New Orleans, LA, November 1993; Triangle Camp Resources, Beaufort, NC, August 1993; Southern Economic Association, Washington, DC, November 1992; North American Wildlife and Natural Resources Conference, Charlotte, NC April 1992; Southern Economic Association, Nashville, TN, November 1991; Eastern Economic Association, Pittsburgh, PA, March 1991; Southern Economic Association, New Orleans, LA, November 1990; Eastern Economic Association, Cincinnati, OH, March 1990; American Economic Association/Association of Environmental and Resource Economists, Atlanta, GA, December 1989.

#### Invited Seminars/Workshops

The World Bank, April 2009; University of Kentucky, October 2008; National Center for Environmental Economics (USEPA), November 2008; University of South Carolina, November 2008; University of Nevada, Las Vegas, April 2008; Michigan State University, October 2007; University of Delaware, September 2007; St. Lawrence University, September 2005; East Carolina University, November 2003; Appalachian State University, February, 2003; University of Central Florida, November 2001; Research Triangle Institute, February 2000; Triangle Economic Research, March 2000; University of New Hampshire, March 1999; Colorado State University, October 1998; University of Kentucky, March 1995; North Carolina State University, October 1993; North Carolina State University, February 1990

#### **Journal Referee**

Agricultural and Resource Economic Review, American Journal of Agricultural Economics, American Journal of Economics and Sociology, Applied Economics, Canadian Journal of Agricultural Economics, Conservation Letters, Contemporary Economic Policy, Ecological Economics, Economic Inquiry, Energy Economics, Environment and Development Economics, Environmental and Resource Economics, Environmental Conservation, Estuaries, Fisheries, Fisheries Bulletin, Growth and Change, ICES Journal of Marine Science, International Journal of Global Energy Issues, International Journal of Mass Emergencies and Disasters, Journal of Agricultural and Resource Economics, Journal of the American Water Resources Association, Journal of Cultural Economics, Journal of Economic Behavior and Organization, Journal of Economic Education, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Environmental Planning and Management, Journal of Leisure Research, Journal of Sports Economics, Land Economics, Natural Hazards, Natural Hazards Review, North American Journal of Fisheries Management, Ocean and Coastal Management, Public Administration Review, Quarterly Journal of Business and Economics, Resource and Energy Economics, Review of Economics of the Household, Southern Economic Journal, Sport Management Review, Telecommunications Policy, Urban Affairs Review, Urban Geography, Urban Studies, Waste Management, Water Resources Research

#### **Grant Proposal/Report Reviews**

Coastal Response Research Center, Delaware Sea Grant, Environmental Protection Agency, Florida Sea Grant,

Georgia Sea Grant, Maine Sea Grant, Massachusetts Sea Grant, Michigan Fisheries Council, National Marine Fisheries Service, National Science Foundation, North Carolina Agricultural Research Service, North Carolina Sea Grant, Ohio Sea Grant, Perrins and Quarells, TN & Associates, Social Sciences and Humanities Research Council of Canada, Southern Appalachian Mountain Initiative, South Carolina Sea Grant, Swiss Federal Institute of Technology, The World Bank, University of California Energy Institute, U.S. Environmental Protection Agency, Virginia Sea Grant

## **Memberships**

Agricultural and Applied Economics Association, American Economic Association, American Fisheries Society, Association of Environmental and Resource Economists, North American Association of Fisheries Economists, North American Association of Sports Economists, Southern Economic Association, Western Economic Association International

## **Offices**

Past-President, Socioeconomics Section, American Fisheries Society, 2007-Present  
President, Socioeconomics Section, American Fisheries Society, 2002-2007  
Board of Directors, Association of Environmental and Resource Economists, 2001-2003

## **SERVICE**

### **Professional**

Program Committee, Association of Environmental and Resource Economists, 2011 meeting; Socioeconomic Technical Panel, South Atlantic Fishery Management Council, 2009-present; Scientific and Statistical Committee, South Atlantic Fishery Management Council, 2004-present; Contributor, the Environmental Economics blog, [www.env-econ.net](http://www.env-econ.net), 2005-present; American Fisheries Society, Web Editorial Advisory Board, 2004-2005; North Carolina Marine Fisheries Commission Blue Crab Scientist Advisory Committee, 2004-present; Webmaster, Association of Environmental and Resource Economists, 1997-2002; Southern Committee for Resource and Environmental Economics (Secretary 1995-1998, 2003-present; Program Committee 1995-present); Spiny Dogfish Technical Committee, Atlantic States Marine Fisheries Commission, 2002-present; American Eel Technical Committee and Plan Development Team, Atlantic States Marine Fisheries Commission, 1996-2005

### **University**

RIEEE 3<sup>rd</sup> Year Review Committee, 2012, Faculty Handbook Revision Task Force, 2012; SACS Graduate Program Review Committee, 2010-2012, Director for Environment, Energy and Economics Search Committee, 2007-2008; University Research Committee, 2006-2009; Strategic Planning Commission, Targeted Research Sub-Committee, 2007; General Education Task Force, 2005-2007 (webmaster); Chancellor's Advisory Board on Alcohol, Tobacco, and Other Drug Use, 2003/04; Hazards Workshop Planning Committee, 2002/03; Institutional Animal Care and Use Committee, 2003/04; Chair, Center for Natural Hazard Mitigation Development Committee, 2000/01; Survey Research Laboratory Faculty Board, 2000/01; Teaching Grants Committee, 2000/01; Coastal and Marine Studies Committee, 1996-2001; Webmaster Committee, 1997-1999; University Curriculum Committee, 1997-2000 (Secretary 1998/99); Faculty Development Program Workshop, 1996-2001; EASTBOOK Conference, 1998; Advisory Council, Recreational Services, 1996-1998; Chair, Coastal and Marine Studies Minor Planning Committee, 1996; College Research Award Committee, 1996; University Pay Equity Committee, 1995/97; Vice Chair, Faculty Senate Agenda Committee, 1995/96; Faculty Senate, 1994-1996; Panelist, Biology Honors Colloquia, 1994; Faculty Senate (Alternate), 1993-1994; NAFTA Panelist, Latin American Studies Committee and League of Women Voters, 1993; Consultant, Statistical Consulting Laboratory, 1990-1996; Committee on the Status of Women, 1991-1994; Presentation, Center for Economic Education, 1993; Faculty Advisory Committee, Survey Research Laboratory, 1991; Facilitator, Chancellor's Forum, 1990

### **Department**

Working Paper Coordinator, 2005-2011; Recruiting Committee, 2004-05, 2005-06, 2006-07, 2007-08, 2009-10 (chair); Personnel Committee, 2007-08; Journal Ranking Committee, 2005-2008; Center for Business and Economics Studies Task Force, 2004; Faculty Senate, 2003-04; Information Resources Committee, 2002/03; MBA Committee, 2001-02; Business Week Committee, 2001-02; Economics BA Degree Committee, 2001-02; Chair, Recruiting Committee, 2000-01; Chair, Research and Technology Committee, 1999-2001; Personnel Committee, 1997-1999; Ad-hoc WWW Committee, 1996-1999; Recruiting Committee, 1997/98; Code Committee, 1994; Graduate Program/Research Committee, 1993-1996; Recruiting Committee, 1994-1995; Advisory/Recruiting Committee, 1991-1993; Ad-hoc Graduate Planning Committee, 1991; Academic Program Committee, 1990/92; Library Representative, 1990-1992; Ad-Hoc SACS Committee, 1990

### **Community**

North Carolina Marine Fisheries Commission Southeast Regional Advisory Committee (appointed 2004); Pamlico-Tar River Foundation, Board of Directors, 1998-2001; Pamlico-Tar River Foundation, Advisory Council, 1994-2001; Pamlico-Tar River Foundation, Texasgulf Environmental Impact Statement Committee, 1994-1998

### **Direction of Student Research**

Hindsley, Paul, "Factors Leading to Implementation of Agricultural Best Management Practices on the Neuse River Basin," Department of Economics, East Carolina University, 2002  
Kwakye, Isaac "Seafood Consumption: The Economic Effects of Fish Kills and a Seafood Inspection Program in North Carolina," Department of Economics, East Carolina University, 2001  
Smith, Kevin, "Using Stated and Revealed Preference Data to Estimate Hurricane Evacuation Costs," Department of Economics, East Carolina University, December 1999  
Wang, Yang "A Model of Marine Recreational Fishing Demand: Using a Poisson Process," Department of Economics, East Carolina University, June 1999  
Sharratt, Jo, "Determining the Economic Costs of Fish Kills for Recreational Users of the Tar-Pamlico River," Department of Economics, East Carolina University, December 1998  
Outside Committee Member: Jeffrey DiPritzo, Department of History, 2001; Carl Heald, Department of Sociology, 1999; Michele Sachariat, Department of Sociology, 1998; Kimberly Hack, Department of Sociology, 1997; Nicholas Lucas, Department of Political Science, 1997; Paul Crellin, Department of Political Science, 1996.

### **AWARDS/HONORS**

Kentucky Economic Association Distinguished Economist, 2008  
Walker College of Business Research Award, 2007  
Dissertation Research Fellow, University of Kentucky, 1988  
Omicron Delta Epsilon, Centre College, 1985