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EDUCATION

1995 – 2001 NORTH CAROLINA STATE UNIVERSITY
PhD, Forest Resource Economics, August 2001
1992-1994 NORTH CAROLINA STATE UNIVERSITY
M.S., Agricultural and Resource Economics, December 1994
1987 – 1991 WASHINGTON AND LEE UNIVERSITY
B.A., Economics, Concentration in Religious Studies, June 1991

PROFESSIONAL POSITIONS

Fall 2004 Visiting Researcher, Department of Agricultural and Resource
Economics, North Carolina State University.
2001 – present Assistant Professor of Economics, Washington and Lee University
1998-2001 Visiting Asst. Professor of Economics, Wash. and Lee University
1997-1998 Economist, International Center for Research in Agroforestry
1996-1997 Associate Economist, Research Triangle Institute
1995-1996 Teaching Assistant, North Carolina State University

Current Work (Submitted or soon to be submitted)

Indigenous Perspectives on Ecosystem Services: Petroleum Transportation on the Amazon River. (with Jim Kahn and Alex Rivas)

The Mesoamerican Barrier Reef System (MBRS): How much are Tourists and Local Residents Willing-to-Pay to Protect this Unique Coral Reef Ecosystem?

International Tourism in Southern Quintana Roo: Investigating Opportunities for Ecotourism. (with Francisco Rosado May, and Susanne Kissman)

Willingness-to-Pay for safe, reliable drinking water in Manaus, Amazonas, Brazil. (with Jim Kahn and Alex Rivas) *submitted to: Ecological Economics June 2004.*

PUBLICATIONS

The Value of Riparian Forest Buffers in the Chesapeake Bay Watershed: An Economic Framework for Policy-making. *Economics and the Chesapeake Bay Workbook Series*. National Oceanic and Atmospheric Administration. (forthcoming) 2004.

Choice Modelling as an alternative to Contingent Valuation for valuing multi-attribute systems: A case study of farmer preferences for agroforestry in Mexico. *The Handbook of Contingent Valuation*. Eds. Alberini, Bjornstad, and Kahn. Edward Elgar Publishing (forthcoming) 2004.

Agroforestry Adoption in Mexico: Using Keynes to Better Understand Farmer Decision-making. *Journal of Post-Keynesian Economics*, Spring 2004, Vol.26, No.3.

The Mystery of the Jobless Recovery Revisited. Correspondent of the day, Richmond Times-Dispatch, Sept. 29, 2003.

The Value of Forest Conservation: "Willingness-to-Work" (WTW) to Protect Local Forest Resources in Calakmul, Campeche, Mexico. *Problemas del Desarrollo: Revista Latinoamericana de Economía*, 34 (135), 2003. **(nominated for the "Maestro Jesus Silva Herzog" award for the best article of 2003).**

Information and the Subsistence Farmer's Decision to Deforest in Latin America, (with Caviglia-Harris, J.L., Kahn, J.R., and Rivas, A.) *International Journal of Sustainable Development*, 5 (4), 2002.

Deforestation and Agroforestry Adoption in Tropical Forests: Can We Generalize? Some Results from Campeche, Mexico and Rondônia, Brazil. (With Jill Caviglia), *Proceedings of Western Agricultural Economics Association Annual Meetings*, Vancouver, British Columbia, June 29-July 1, 2000.

Farmers' Willingness to Invest in Agroforestry in Campeche, Mexico: Does Human Capital Matter? (With Evan Mercer & Ann E. Snook), *Proceedings of Southern Forest Economics Workgroup*, Biloxi, MS. April 1999.

Evaluating Farmer Preferences for Agroforestry Systems: Survey Instrument Design. (With Evan Mercer & Ann E. Snook), *Proceedings of Southern Forest Economics Workgroup*, Williamsburg, VA. July 1998.

US/Mexico Agroforestry Development Project, Phase II: Assessing Agroforestry Adoption in SE Mexico. Final Report, December 1998.

Sustainable Forest Management Certification: An Economic Framework for Policy Analysis. Final Report, (With Brian Murray), Center for Economics Research, Research Triangle Institute, under cooperative agreement with US EPA, Office of Policy Development. March 1998.

The Economics of Forest Certification: Industry Profile. Final Report, (With Brian Murray), Center for Economics Research, Research Triangle Institute, under cooperative agreement with US EPA, Office of Policy Development. March 1997.

Sustainable Tourism Development in the Adirondacks: Using the Internet to Empower Local Communities. (With Stephen Bond & Gene Brothers), *Proceedings of Northeast Recreation Research Conference*, Lake George, NY. March 1996.

The Economic Value of Hiking: Further Considerations of Opportunity Cost of Time in Recreational Demand Models. (with Tom Vukina and Leon Danielson), *Journal of Agricultural and Applied Economics*. 27 (2), December 1995: 658-668.

An Evaluation of Boating Use at Hyco and Mayo Lakes. (With Chris Siderelis), Final report to Carolina Power and Light, October 1995.

Nature Conservancy: Conserver of Wildlands and Contributor of Economic Benefits. Article for the North Carolina Nature Conservancy, September 1994.

GRANTS, FELLOWSHIPS, and AWARDS

Washington & Lee University Summer Glenn Grant – research project titled: Investigating the direct effects of trade on the environment. 2004.

Correspondent of the day, Richmond Times-Dispatch, Sept. 29, 2003.

Washington & Lee University Summer Glenn Grant – research project titled: The Mesoamerican Barrier Reef System (MBRS): How much are Tourists and Local Residents Willing-to-Pay (WTP) to protect this Coral Reef Ecosystem?: 2003.

Virginia Foundation for Independent Colleges Mednick Fellowship - The Mesoamerican Barrier Reef System (MBRS): How much are Tourists and Local Residents Willing-to-Pay (WTP) to protect this Coral Reef Ecosystem?: 2003.

National Oceanic and Atmospheric Administration – research grant, Understanding and Measuring the Economic Benefits of the Chesapeake Bay (contract # 40AANA1A4120), September 2001 - December 2003.

Associated Colleges of the South - curriculum development grant, “Environmental Quality and the Economy in the Mexican Caribbean,” July 2002.

Global Stewardship Program - curriculum development grant, "Environmental Quality and the Economy in the Mexican Caribbean," summer 2002.

Dupont Environmental Studies Program Grant, funds for preliminary investigation research, "Valuing the Mesoamerican Barrier Reef Ecosystem," Summer 2002.

Washington & Lee University Summer Glenn Grant – research project titled "Valuing Water Quality Improvements to Woods Creek: 2002.

UNC-Duke Latin American Studies Workshop Fellow, June 2001.

Washington & Lee University Curriculum Development Grant - funds to develop the Environmental Studies Capstone Course, Summer 1999.

International Center for Research in Agroforestry and United States Forest Service Fellowship - funds to collect data for my dissertation in Mexico, July 1997- March 1998.

North Carolina State University, Department of Agricultural Economics, Outstanding Thesis Award, 1994.

The North Carolina Nature Conservancy - funds to collect data for M.S. Thesis, 1993.

INVITED PRESENTATIONS

Examining the Adoption of Agroforestry in Southeastern Mexico: Three Essays from a Survey with Farmers in Calakmul, Campeche, Mexico, The Environmental Studies Program Lecture Series, Washington & Lee University, February 2002.

Conjoint Analysis of Farmer Preferences for Agroforestry Systems in Calakmul, Campeche, Mexico. Guest Lecturer, Senior Capstone Course, Department of Economics, Washington & Lee University: February 2000.

Agroforestry Adoption: Keynes' Animal Spirits are Alive and Well in The Yucatan. Southern Economic Association Annual Meeting, Joint Session SAPCREE and SEA, New Orleans, LA, November 1999.

Agroforestry Adoption: Does Human Capital Matter? Guest Lecturer, Senior Capstone Course, Department of Economics, Washington & Lee University: February 1999.

Valuing Nature: Alternative Valuation Methods in Economics. The Environmental Studies Program Lecture Series, Washington & Lee University, November 1998.

Further Considerations of The Opportunity Cost of Time in Recreational Demand Models. Department of Economics Lecture Series, Washington & Lee University, January 1996.

The Economic Value of Hiking: A Travel Cost Analysis of The Grandfather Mountain Wilderness Preserve. Resource and Environmental Economics Program Seminar, North Carolina State University, October 1994.

SELECTED PRESENTATIONS

Understanding the economic value of Chesapeake Bay tributaries: A primer for policy-makers. Southern Forest Economics Workgroup Annual Meeting, St. Augustine, FL, March 14-16, 2004.

The Meso-American Environment Development Project: Integrating Research, Teaching and Service Learning. AERE/SCREE Session at SEA Annual Meetings, November 2003, San Antonio, TX

Indigenous Perspectives on Ecosystem Services: Petroleum Transportation on the Amazon River. (with Jim Kahn and Alex Rivas), AERE/SCREE Session at SEA Annual Meetings, November 2003, San Antonio, TX

The Potential for Nature-Based Tourism in Southern Quintana Roo, Mexico. United States Society of Ecological Economics, Saratoga, NY, May 2003.

Willingness-to-Pay for safe, reliable drinking water in Manaus, Amazonas, Brazil. United States Society of Ecological Economics, Saratoga, NY, May 2003.

The Value of Forest Conservation: "Willingness-to-Work" (WTW) to Protect Local Forest Resources in Calakmul, Campeche, Mexico. SCREE Session at SEA Annual Meetings, November 10-12, 2000, Washington, D.C.

Willingness-to-Work (WTW) to Protect Forest Resources in Calakmul, Campeche, Mexico: The Importance of Cultural Realism. CAMP Resources, Wilmington, NC, August 2000.

Information and the Subsistence Farmer's Decision to Deforest. ISEE 2000, Canberra, Australia, July 2000. With Jim Kahn.

Deforestation and Agroforestry Adoption in Tropical Forests: Can We Generalize? Some Results from Campeche, Mexico and Rondonia, Brazil. WAEA Annual meetings, June 29-July 1, 2000, Vancouver, BC, CA. with Jill Caviglia.

Conjoint Analysis of Farmer Preferences for Agroforestry Systems in Calakmul, Campeche, Mexico. CAMP Resources, Wilmington, NC, August 1999.

Farmers' Willingness to Invest in Agroforestry in Campeche, Mexico: Does Human Capital Matter? Southern Forest Economics Workgroup Annual Meeting, Biloxi, MS, April 1999.

Evaluating Farmer Preferences for Agroforestry Systems: A Model for Survey Instrument Design. Southern Forest Economics Workgroup Annual Meeting, Williamsburg, VA, March 1998.

OTHER PRESENTATIONS

Valuing Water Quality Improvements in Rockbridge County, VA – UNC-Wilmington, Department of Economics Seminar, October 2001.

Sustainable Tourism Development in the Adirondacks: Using the Internet to Empower Local Communities. 90-minute management session, Northeastern Recreation Research Conference, Lake George, NY, March 1996. (with Stephen Bond and Gene Brothers)

Willingness-To-Pay and Management Practices: Comparing the Benefits of Developed and Undeveloped Shorelines. Southeastern Recreation Research Conference, Savannah, GA, February 1996.

COURSES TAUGHT

Introductory Level

- Principles of Microeconomics
- Principles of Macroeconomics
- Contemporary Economic Issues (Summer Seminar)
- Environmental Policy (Summer Seminar)
- Environmental Economics (Summer Seminar)

Upper-Level Undergraduate

- Resource and Environmental Economics
- Development Economics
- Environmental Economics in Developing Countries
- Ecological Economics and Sustainable Development
- Valuing Nature: The Economic Perspective
- Marine Resource Economics
- Quantitative Analysis

Study Abroad

- Environmental Quality and the Economy in the Mexican Caribbean

Senior Seminars

Economics Senior Capstone Course
Environmental Studies Senior Capstone Course

Graduate Level

Recreation Economics

ASSOCIATIONS

American Economic Association
Southern Economic Association
Western Agricultural Economics Association
Southern Committee for Resource & Environmental Economics

UNIVERSITY SERVICE

Strategic Planning - Athletics task force (2004)
Shepard Poverty Program Advisory Committee (2002-)
University Committee on Inclusiveness (2002-2003)
Faculty Alumni Committee - Chair (2001-)
University Athletic Committee (2002-)
Environmental Studies Committee (2003-)
Environmental Studies International Advisory Committee (2001-)
Washington and Lee Student Consulting - Faculty Advisor (2001-)
Nabors Service League Global Warming roundtable discussant (2001)
Shepard Poverty Program Alumni Committee Presentation (2001)

DEPARTMENTAL SERVICE (1998 -)

Developed visiting lecture series in Environmental Economics
Economics Department representative to the Environmental Studies Committee
Advisor to Economics majors
Supervised independent study in Environmental Economics
Departmental seminar program organizer (1999-2000, Fall 2001)

COMMUNITY SERVICE

Board Member - Maury River Alliance.
Montessori Community Center, Lexington, VA
Washington and Lee University Basketball Camp, June 1999
Earth Day festival, Lexington, VA, April 1999, 2000
Hurricane Mitch Relief Effort, Lexington, VA, December 1998
Tandem Center for the Environment, Charlottesville, VA (1995)
The North Carolina Nature Conservancy, Carrboro, NC (1993-1994)
Center for Peace Education, Carrboro, NC (1992-1993)

SKILLS & ACTIVITIES

Language Skills: Spanish -

Summer 2002 - PLAYA LINGUA

6 weeks Spanish Instruction in Playa del Carmen, Mexico

Summer 1996 - TECUN UMAN

4 weeks Spanish Instruction in Antigua, Guatemala

Hiker, camper, sea kayaker, mountain biker, nature writer, amateur Mayan ruin explorer

REFERENCES:

James R.Kahn, Director, Environmental Studies Program, Washington & Lee University, Lexington, VA 24450, (540 458 8036).

Art Goldsmith, Department of Economics, Washington & Lee University, Lexington, VA 24450, (540 458 8970).

Larry Peppers, Dean, Williams School of Commerce Economics, and Politics, Washington & Lee University, Lexington, VA 24450, (540 458 8602)