ROBERT ALEX ROBERTSON Associate Professor James Hall; Garden Level--Room 70: 56 College Road ADDRESS: Department of Natural Resources and the Environment University of New Hampshire Durham, NH 03824-3589 E-mail: rob.robertson@unh.edu Phone: Office (603) 862-2711 FAX: (603) 862-0208 **EDUCATION:** Diploma, 1974, Harlem High School, Loves Park, Illinois. B.A. 1981, Western Illinois University, Macomb, Illinois. M.A.I.S. 1984, Oregon State University, Corvallis, Oregon. Ph.D. 1990, University of Illinois at U/C, Urbana, Illinois. ACADEMIC B.A.: Interdisciplinary Studies - a Board of Governors Degree Program. A self-TRAINING: designed major in preparation for a career with resource management agencies. Course work included upper division courses in the natural resources management and social sciences. Post Baccalaureate: Utah State University - entered program in Forest Ecology, completed courses in Soil Science, Botany and a course in Social Science in Natural Resource Management. Master of Arts in Interdisciplinary Studies (M.A.I.S). Major: Cultural Anthropology; Minor: Resource Recreation Management and Sociology. Program focused on human - environment interactions. Masters Thesis Topic: "The Natural History of Public Works Development" - a case history and analysis of the social processes associated with the development of a multiple purpose hydroelectric project. Post Graduate: Rock Valley College - a course in Botany of the Midwest. Northern Illinois University - graduate course work in environmental education (e.g., Prairie Ecology and Winter Ecology).

Ph.D.: Major: Leisure Behavior. Program focused on of natural and cultural resource management & development from a human/environment perspective. Concentrations included Resource Management, Social Impact Assessment, Research Methods (social statistics sequence and survey research methods), and courses in the sociological and psychological aspects of natural resource management and development. My major professor was the senior social science faculty at the Institute for Environmental Studies, an interdisciplinary research institute focused on complex environmental issues. Dissertation Title: "Towards an Understanding of the Affect of Commercial/Industrial Activity on the Quality of the Recreation Experience within Urban River Corridors."

EMPLOYMENT HISTORY:

1993-Current Department of Natural Resources and the Environment, University of New Hampshire, Durham, New Hampshire: Associate Professor (promoted and tenured-1997—Department of Resource Economics and Development merged with Department of Natural Resources in 2009) and Coordinator Tourism Planning and Development Program (1993 to 2017). Position required the development and administration of an innovative new program that focuses on the planning and development components of tourism (emphasis on natural and cultural resources, as opposed to management and operation). It also required all administrative duties associated with the program and advising of all undergraduate majors. The program froze new enrollment Spring of 2015. The

program included three primary areas of study: (1) planning; (2) micro-economics and (3) marketing and communication. The program was development and is managed with extensive input from a wide range of stakeholder groups in New Hampshire and the around the region. The program was ranked the 2^{nd} Best Program in the United States (BYU-Hawaii was ranked #1) by U.S. New and World Report in 2006. It was also listed as one of the Top 20 Programs in US by BestSchools.org in 2014-2015.

Teaching Responsibilities: In the Fall of 2015 a new minor was developed in "Tourism Management". It is a cooperative minor between the Departments of Natural Resources and the Environment; Hospitality Management and Recreation management and Policy. All of the following courses are a part of the Minor with the "Introduction to Tourism" being required of all students seeking a Minor in "Tourism Management".

- Introduction to Tourism (TOUR 400) provides the knowledge required to be ethical members of the tourism industry, to be informed residents of tourism dependent communities, and to be a responsible tourist. It allows students to better understand the dynamic and pluralistic nature of tourism. This course helps insure that students understand that "tourism" is not good or bad, that it is what "we" let it be for better or worse. Courses with a similar focus and content are not available anywhere. This course and my other courses to serve help students directly (learning and growing as people) and helps society directly and indirectly (via the products and outcomes of their learning) and by producing society ready graduates who get it.
- Tourism and Global Understanding (TOUR 510) is focused on travel and learning. Not so much learning about where to travel but rather how to travel and how to learn through travel. It provides the opportunity for students to comprehend the central role of tourism in national/international cross-cultural understanding, and to provide students with an informed acquaintance with other culture's beliefs and values. The themes of the course are designed to help students understand how travel and tourism can serve as a mechanism for cultural understanding and personal transformation. Specific topics include historical foundations and motivations for travel, the ways irresponsible and unethical tourism can negatively influence native (or local) people's culture and environment. The course provides practical information to help students become responsible and ethical tourists. Assignments are designed to allow undergraduates to be more active learners and give them the tools to become truly engaged citizens in the various communities (local, national, global) they will enter after graduation. The primary objective is to create students who come to understand value and accept their responsibility to become active citizens in their community, sensitive to cultural diversity, so that they may assume active leadership roles and help others do the same. In order to achieve these objectives, this course will integrate service learning, community leadership, intercultural/international studies, travel study and student-centered pedagogy. The key to such an objective is the integrative student centered pedagogy where students assume primary responsibility for their own learning.
- **Social Impact Assessment (TOUR 767, RAM 867)**. This course was offered for the first time at UNH during the spring of 1994. It is an advance undergraduate and graduate course, provides students with a cross-disciplinary perspective of the issues, problems and methods of Social Impact Assessment by helping students become

familiar with analytic approaches and theoretical frameworks that can be applied to the assessment of very diverse events--changes in the natural environment or the local economy. The course encourages productive habits of the mind to include selfregulated thinking that encourages students to be aware of one's own thinking, utilize resources and to be sensitive to feedback and to evaluate own actions. A focus on critical thinking is valuable because it requires students to be accurate and seek accuracy, to be clear and seek clarity, be open-minded, restrain impulsivity, to take position and defend it when warranted and to be sensitive to others. This approach facilitates learning and the production of valuable learning outcomes and useful UNH graduate and undergraduate students have completed projects products. addressing a wide variety of topics. The student assessments considered the social consequences of different development, management and policy actions. Student projects have been used by local, state and federal agencies to better understand the social consequences of development. Student projects have resulted in three peer reviewed publications, and numerous presentations. At least five student projects resulted in their gaining employment with state and federal agencies.

New Pirates of the Caribbean: Not All Treasure is Silver and Gold (EREC 444). "Our growth depends not on how many experiences we devour, but on how many we digest." If our lives are dominated by a search for happiness, then perhaps few activities reveal as much about the dynamics of this quest---in all its ardor and paradoxes-than our travels. One of the most common destinations for leisure travel for residents of the Northeast is the "Caribbean". We head to the Islands to "let loose" and to "escape" from the "day to day" pressure of school, work and life and retreat to the warmth, sunshine and life style of the Islands. We try to capture a bit of "island life". We are inundated with advice on what Caribbean islands to travel to, yet we hear little about the people who call the Islands home. We express, however inarticulately, an understanding of what life might be about, outside the constraints of work and struggle for survival, without giving as much as a thought to what it is like to actually live in a "Caribbean paradise". As tourists, visitors or travelers we often fail to consider the many present philosophical problems-that is, we neglect to think about issues requiring thought beyond the practical. Many recent graduates migrate to the Caribbean, some come with a net (support structure) other come "without a net" (no friends, job or place to live.) Many are "windblown" (come as crewmembers of yachts) and others are "escape mistakes". Add to this the social and cultural consequences of slavery, colonization, cruise ships, time-shares, all-inclusive resorts, hurricanes. casinos, bars, rum, sex, taxes, condos, housing projects, gun violence, and drugs. We will be learning what it means to say "The test of courage comes when we are in the minority. The test of tolerance comes when we are in the majority". Add to this the fact that the US Territories have a sizable military veteran population, many of whom have disabilities. To consider the who, how and whys of island life requires us to raise a number of questions, neither simple nor trivial, and whose study might in modest ways contribute to a broader understanding of what it means to "Live in a Caribbean Island Paradise." The course is Writing Intensive, fulfills World Cultures (Discovery), Inquiry (Discovery), Foreign Culture GP 5

Other Courses. Created a number of courses in support of the Departments Academic Mission. These include Advanced Topics in Planning (CEP 777/RAM 877); Introduction to Community and Environmental Planning (CEP 415), Sample Survey Research Methods (NR 904a), and Communication and Marketing Research Methods (TOUR 700/RAM 800). I also help organize courses offered by and others. Tourism

Development. This course has by tourism professionals. The focus of these courses included marketing NH resort and ski areas, Chamber of Commerce Operations, Television and Radio Marketing and others. I worked in close association with this instructor. The instructors have a great depth of experience and are very well qualified, but lack classroom experience. I help instructors prepare a syllabus, lectures, and exams. The courses and the instructors were very well-received by students. In a number of cases, students were hired by the instructors' organization or business upon graduation.

Supervision of Independent Studies, Internships and Graduate Students. The supervision of professional undergraduate and graduate internships, undergraduate research assistants, undergraduate independent studies, graduate teaching and research assistants (Masters and doctoral) in Resource Management and Administration, Natural Resources and Sociology. Member of the Graduate Faculty and member of marine program faculty.

Liaison Activities: My faculty position is 100 percent teaching but requires extensive liaison and outreach activities with other UNH Departments and faculty, the New Hampshire industries, state agencies, and internal steering and external advising groups associated with the social and economic dimensions of resource management and planning. A number of innovative "learning partnerships" between the University of New Hampshire and the private, public and non-profit sectors of tourism and coastal/natural resource management communities.

- 2008-2010 Isles of Shoals Steamship Company; 315 Market Street Portsmouth, NH: Managing-Partner.
 - The Isles of Shoals Steamship Co. offers river and ocean cruises, party ships, charters, and educational tours of the Greater Piscataqua Region—from Portsmouth Harbor to the Isles of Shoals—on the M/V Thomas Laighton, a 90-foot Victorian-style steamship with three decks that combines historic charm with modern amenities to accommodate any function, including weddings, corporate meetings, and 250-person banquets.
 - The managing-partner position was responsible for all phases of the management and operation of a complex and multi-faceted business. Specific activities included coordination of all ship board and dockside operations to include maintenance, operation, regulatory compliance, safety, operation and management of three full service bars, marketing, advertising, public relations, and sales. In addition, a variety of collaborations between a family-owned business with an academic/research institution were established that served to coordinate the activities and missions of local, state and federal agencies to maximize the benefits to students, residents, non-profit organizations and NH coastal communities and the marine/natural/cultural environment were planned, initiated. implemented and evaluated.
- 1989 1992Department of Leisure Studies, Iowa State University, Ames, Iowa: Assistant
Professor-Coordinator Recreation Resource Management Program and adjunct
assistant Professor of Environmental Studies. The position also included

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	administrative responsibilities, supervision of internships and the development of an active research program in the areas of tourism, rural development, and resource management. The program was displaced in 1991 after the creation of an innovative 2 nd major in Natural Resource Recreation Planning and Management. After extensive planning the new program was not approved by the Provost as a result of campus politics between the College of Agriculture, Liberal Arts and Sciences and Education.
1986 - 1989	Institute for Environmental Studies, University of Illinois at Urbana-Champaign: Ph.D. student, research assistant, teaching assistant and co-investigator. Actively engaged in the grant writing and funding processes associated with the design and implementation of comprehensive assessment of the first National Heritage Corridor. This required the collection, compilation, analysis of primary and secondary data on a wide range of commercial/industrial and recreation activities, in order to investigate the existing relationship between alternative and often conflicting uses of natural and cultural resources located within the proposed "Illinois and Michigan Canal National Heritage Corridor".
1984 -1986	Byron Forest Preserve District, Byron IL: Naturalist-Resource Recreation Specialist second professional employee for a newly formed forest preserve district. Employment responsibilities included:
	• Developing a community support base for the Byron Forest Preserve District. This required developing and implementing environmental education programs; communication and public relations; the design and promotion of district sponsored activities and the regions natural resources (including press releases and a weekly newspaper column) and working in association with state and federal resource management agencies and research universities.
	• Identified, assisted in the negotiation of purchase and eventually managed and restored a very rare 130 acres dolomite short grass prairie. Restoring and managing the districts natural areas; and providing resource based recreation opportunities for the residents of the forest preserve district.
1983 - 1984	J BAR J Boys Ranch, Bend, OR: Program Leader Diversion Project. This position required the development and direction of a residential program for juvenile delinquent boys on a ranch in Central Oregon. The program encouraged self-dependent behavior through outdoor activities and environmental based work projects with the U.S. Forest Service and Bureau of Land Management and State of Oregon Natural Resource Management Agencies.
Summer 1981	Indiana Dunes National Lake Shore: Interpretive Naturalist; aided in the development of a interpretive program for newly constructed West Beach Area, interpretive hikes, programs and visitor center duties.
Summer 1980	Western Illinois University Archeological Field School: Research & Field Work - excavation of a Middle Woodland Site in the Illinois River Valley.
1975 - 1979	United States Coast Guard: Damage Control Technician (E-4) served at a Small Boat Search and Rescue Station at Cape Hatteras, North Carolina and on a

Construction Tender on the Upper Mississippi River, the Illinois Waterway and the Missouri River. Officially a Vietnam Era Veteran as defined the USVA.

1973-1984 Worked a variety of jobs including tractor driver /mechanic for Green Giant, Inc (two summers); Life Guard (three summers); Assistant Swim Coach (two summers); Bar Tender/Night Manager (part-time 7 years); Maintenance Engineer for Hotel, and a variety of other work experiences which served to broaden understanding of people and their relationship to natural systems, and the importance of effective communication.

PROFESSIONAL ACTIVITIES:

Articles in Journals

- 2009 Hartley, T.W. and R.A. Robertson. Stakeholder Collaboration in Fisheries Research: Integrating Knowledge among Fishing Leaders and Science Partners in Northern New England. *Society and Natural Resources: An International Journal*: Vol.22 (1):42-55.
- 2008 Hartley, T.W. and R.A. Robertson. Cooperative Research Program Goals in New England: Perceptions of Active Commercial Fishermen. *Fisheries*: Vol. 33(11): 551-559.
- 2007 Dillman, Don; Virginia Lesser; Robert Mason; John Carlson; Fern Willits; Rob Robertson; and Bryan Burke. Personalization of Mail Survey for the General Public and Populations with Group Identity: Results from Nine Studies. *Rural Sociology:* 72(4):632-646.
- 2007 Hartley, Troy W., Michele Gagne, and Robert A. Robertson. Coastal Communities Responding to Socioeconomic and Ecological Change: Cases of Collaboration in Gulf of Maine. *Human Ecology Review*: Vol. 15(2):pp.213-226.
- 2006 Hartley, Troy W. and Robert A. Robertson. "Stakeholder Engagement, Cooperative Fisheries Research, and Democratic Science: The Case of the Northeast Consortium." *Human Ecology Review*: 13(2): 161-171.
- 2006 Hartley, Troy W. and Robert A. Robertson, 2006, "Emergence of Multi-Stakeholder Driven Cooperative Research in the Northwest Atlantic: The Case of the Northeast Consortium," *Marine Policy.* 30(5):580-592.
- 2004 Silverberg, J.K., P.J. Pekins and R.A. Robertson. "Moose Responses to Wildlife Viewing and Traffic Stimuli". *Alces* Vol. 39 153-160.
- 2003 Silverberg, J.K., P.J. Pekins and R.A. Robertson. "Impacts of Wildlife Viewing on moose use of roadside salt lick. *Alces* Vol. 38 205-211.
- 2002 Robertson, R.A., Erika Carlsen, and A. Bright. Effect of Information on Attitudes Towards Open Ocean Aquaculture in Northern New England. *Journal of Aquaculture Economics and Management*. Vol.6, No. 1&2:117-126.
- 2002 Tango-Lowy, T. and R.A. Robertson. Predisposition Towards Adoption of Open Ocean Aquaculture by New England's Inshore Commercial Fishermen. *Human Organization: Journal of Society for Applied Anthropology*. Vol. 61, No. 3:240-251.

- 2001 Butler, M.J., L.V. Steele and R.A. Robertson. Adaptive Resource Management in the New England Groundfish Fishery Implications for Public Participation and Impact Assessment. *Society and Natural Resources: An International Journal*. Vol. 14: No. 6:461-473.
- 2001 Robertson, R.A. and M. Butler. Teaching Human Dimensions of Wildlife in U.S. Universities. Human Dimensions of Wildlife Management An International Journal Focusing on the Human Dimensions of Fish and Wildlife Management 6(1): 67-77.
- Minnis, Donna L.; Robertson, Robert A.; Silverburg, Judy; and Pekins, Peter (1998) "University-based courses in human dimensions of fish & wildlife management in the United States of America: A preliminary inventory and investigation," *Natural Resources and Environmental Issues:* Vol. 7, Article 63. Available at: http://digitalcommons.usu.edu/nrei/vol7/iss1/63
- 1996 Robertson, R.A., C. Dawson, W. Kuentzel, and S. Selin. University-Based Education & Training Programs in Ecotourism or Nature-Based Tourism in the USA. *Journal of Natural Resources and Agriculture Education*. Vol. 25. No. 2:152-155.
- 1994 Robertson, R.A. and J.A. Regula. Recreational Displacement and Overall Satisfaction: A Study of Central Iowa's Licensed Boaters, in *Journal of Leisure Research*, Vol.26, No.2. pp. 174-181.
- 1994 Robertson, R.A. "Alcohol and Outdoor Recreation: An Empirical Investigation of Visitors to an Urban River Corridor," in *Journal of Applied Recreation Research* Vol. 18, No. 4. pp. 197-209.
- 1994 Robertson, R.A. and J. Colletti. Off-site impacts of soil erosion on recreation: The Case of Red Rock Reservoir in Central Iowa, in *Journal of Soil and Water Conservation*, Vol. 49, No. 6 pp. 576-582.
- 1993 Robertson, R.A. and R.J. Burdge. The Interface between Commercial & Industrial Development and Recreation Use in an Urban River Corridor, in *Journal of Leisure Research*, Vol.25, No.1. pp. 53-69.
- 1993 Robertson, R.A. and S.V. Simpson. Voluntary Compliance as a Scenic and Cultural Resource Protection Tool: A Critical Review of Wisconsin's Rustic Road Program. *Journal of Environmental Planning and Management*, Vol. 36, No. 3 pp. 365-376.
- 1990 Burdge, R.J. and R.A. Robertson. Social Impact Assessment and the Public Involvement Process, *Environmental Impact Assessment Review*, Vol. 10, No.2. pp.81-90.
- 1989 Samdahl, D.M. and R.A. Robertson. Social Determinants of Environmental Concern: Specification and Test of the Model, in *Environment and Behavior*, Vol. 21:1. pp. 57-81.
- 1989 Robertson, R.A. Recreational Use of Urban River Corridors, in *Western Wildlands: A Natural Resource Journal*, Vol.15, No.3. pp. 14-17.

Book Chapters and Other Peer Reviewed Papers

2019 Robertson, R.A. "New Hampshire Route 1A/1B Scenic Corridor Tourism Inventory & Visitor Needs Assessment Component of the New Hampshire Coastal Byway Corridor Management Plan" in *Innovative and Promising Practices in Sustainable Tourism*. Editors: Nicole Vaugeois, Miles Phillips, Doug Arbogast and Patrick Brouder. National Extension Tourism (NET) Design Team and the World Leisure Centre of Excellence in Sustainability and Innovation. Vol. 1: 152-166.

- 2008 Robertson, Robert and Rodney B. Warnick. "Recreation Activities in Rural America: An Update" in Encyclopedia of Rural America: The Land and People. 2nd Edition Volume 2, M-Z. "Chapter 6", Santa Barbara, CA: ABC-CLIO, Inc.
- 2006 Burdge, R.J. and R.A. Robertson. Social Impact Assessment and the Public Involvement Process, in R.J. Burdge ed., *A Conceptual Approach to Social Impact Assessment*. Middletown, WI: Social Ecology Press. pp. 177-187.
- 2004 Robertson, R.A. and G. Caporossi. New England Recreation Fisher' attitudes towards marine protected areas: A preliminary investigation. In Global Challenges of Parks and Protected Area Management. Carlo Delfino (editor). Sassari Italy. 149-159
- 2003 Robertson, R.A. and E. Carlsen. Knowledge, Relevance and Attitudes Towards Open Ocean Aquaculture in Northern New Englands: Summary of Data from Five Sample Surveys. Pages 73-80 in C.J. Bridger and B.A. Costa Pierce, editors. Open Ocean Aquaculture: From Research to Commercial Reality. The World Aquaculture Society, Baton Rouge, Louisiana, United States.
- 2003 Nichols, R.B., R.A. Robertson, and B.L. Lindsay. Northern New England Commercial Fishermen and Open Ocean Aquaculture: An Analysis of How Commercial Fishermen Perceive the Government, Fishing, and Their Way of Life. Pages 81-94 in C.J. Bridger and B.A. Costa Pierce, editors. Open Ocean Aquaculture: From Research to Commercial Reality. The World Aquaculture Society, Baton Rouge, Louisiana, United States.
- 2002 Robertson, R.A. and M. Hall-Arber. Fishing and Lobstering in the Piscataqua River Region, in Cross-Grained and Wiley Waters: A Guide to the Piscataqua Maritime Region. Environmental History. (W. Jeffrey Bolster, Editor). Peter Randal Publisher: Portsmouth, NH. pp. 88-92.
- 1997 Robertson, R.A. and R. Warnick. Recreation Activities in Rural America, in Gary Gorham ed., *Encyclopedia of Rural America*. Santa Barbra, CA: ABC-CLIO Press. pp. 593-596.

Other Publications

- 2005 Robertson, R.A. 2005. "Introduction to Tourism Planning and Development: Assessment of an Isles of Shoals Steamship Company "Cruise Experience". Chapter 23 Writing Assignments. Published in Transitions: University of New Hampshire Composition Program. Knedall Hunt Publishing. pp. 164-167.
- 2001 Robertson, R.A. and others. "Atlantic Fishermen Contemplate Open Ocean Aquaculture." *Fish Farmer*. 24 (2):16-18.
- 1999 Robertson, R.A. Applied Social Science Research and Coastal Management in Croatia. (Chapter 7). In Coastal Ecology, Environmental Issues and Policies in Croatia. S.D. VanDeveer (Editor). Office of Central Europe and Eurasia; Office of International Affairs; National Research Council. National Academy Press, Washington, D.C. pp. 40-55.
- 1996 Pfister, L. and R.A. Robertson. Agritourism in New Hampshire. The Plantsman. The New

Hampshire Plant Growers Association (February & March). pp. 11-12.

- 1995 Robertson, R.A. Ecotourism Studies in U.S. *Transitions Abroad: The Guide to Learning, Living, and Working Overseas* (Nov/Dec 1995). p. 47.
- 1992 Robertson, R.A. "Recycling and Solid Waste Management Programs within Iowa's Camping Areas," *GRIST*, Vol. 36, No. 4, pp. 37-40.
- 1992 Robertson, R.A. "Multicommunity Collaboration Efforts Organized Around Natural Resource Issues," *Rural Development News, Special Issue--Multicommunity Collaboration: An Evolving Rural Revitalization Strategy*, Vol. 16, No. 1, pp.27-28.
- 1991 Robertson, R.A. "Rural Development and Water Resource Values", *Rural Development News*, Vol. 15, No. 4, pp.4-5.

Papers in Proceedings

- 2006 Robertson, R.A. and S. Claesson. Commercial fishing, the fishery crisis and Coastal Tourism: What are the Links and Potential? Micallef A., Vassallo, A, and Cassar M. (Editors) Proceedings of the Second International Conference on the Management of Coastal Recreation Resources Beaches, Yachting and Coastal Ecotourism, October 2006—Gozo, Malta; Euro-Mediterranean Center on Insular Coastal Dynamic: Foundation for International Studies: Malta. pp. 417-425.
- 2006 Claesson, S. R.A. Robertson ,M. Hall-Arber. Fishing Heritage Festivals, Tourism and Community Development in the Gulf of Maine. *Proceedings of the Northeastern Recreation Research Symposium*, Compiled and Edited by 2006 Rudy Schuster Gen. Tech. Rep. NE-302. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station. p. 15-21.
- 2004 Robertson, R.A. and G. Caporossi, "Marine Protected Areas and Recreational Fishing: A Study of NH Coastal Conservation Alliance." Carlo Delfino (Editor). Proceedings of Global Challenges of Parks and Protected Area Management: International Symposium on Society and Resource Management, La Maddalena, Sardinia, Italy, October 10-13, 2002. Fondazione Banco di Sardnegna Press. pp. 149-157.
- 2004 Hartley, T. and R.A. Robertson. "Cooperative Research and Fishery Science and Management in New England". In Managing Our Nations Fisheries: Past, Present and Future. D. Witherell (ed.) Proceedings of conference on fishery management in the United States held in Washington, D.C. November, 2003. pp. 248-249.
- 2004 Hefner, J.L. and R.A. Robertson. Evaluation of Cooperative Research Goal: A Study of New England Fishermen. *Proceedings of the Northeastern Recreation Research Symposium*, Compiled and Edited by Rudy Schuster Gen. Tech. Rep. NE-302. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station..
- 2004 Wiersma, J. and R.A. Robertson. Traffic Congestion and Tourist Displacement: The Case of the NH Route 1A/1B Corridor. *Proceedings of the Northeastern Recreation Research Symposium*, Compiled and Edited by Rudy Schuster Gen. Tech. Rep. NE-302. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station. pp.55-63

- 2004 Robertson, R.A. and R. Whittaker. Private Sector and University Collaboration: The Case of Isles of Shoals Steamship Company and UNH's Tourism Planning and Development Program. *Proceedings of the Northeastern Recreation Research Symposium*, Compiled and Edited by Rudy Schuster Gen. Tech. Rep. NE-302. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station. pp. 172-181.
- 2004 Pawlawski, K. and R.A. Robertson. Public Involvement and New Hampshire's Statewide Comprehensive Planning Process: A Case Study. *Proceedings of the Northeastern Recreation Research Symposium*, Compiled and Edited by Rudy Schuster Gen. Tech. Rep. NE-302. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station. pp. 120-128
- 2003 Caporossi, G. and R.A. Robertson. Marine Protected Areas and Recreational Fishing: A Preliminary Investigation. *Proceedings of the Northeastern Recreation Research Symposium*, Compiled and Edited by Rudy Schuster Gen. Tech. Rep. NE-302. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station. pp. 141-148.
- 2003 Hefner, J., R.A. Robertson. Attitudes towards NE Fishers: A Study of Tourists to the NH Sea Coast. *Proceedings of the Northeastern Recreation Research Symposium*, Compiled and Edited by Rudy Schuster Gen. Tech. Rep. NE-302. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station. p. 147-150.
- 2002 Robertson, R.A. Are New Hampshire "Natives" Different? A Study of New Hampshire Natives and Three Cohorts of In-Migrants to New Hampshire. *Proceedings of the Northeastern Recreation Research Symposium*, Compiled and Edited by Rudy Schuster Gen. Tech. Rep. NE-302. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station. pp. 15-21.
- 2002 Pawlawski, K. and R.A. Robertson. Public Access to New Hampshire State Waters: A Comparison of Three Cohorts of Residents Across Three Distinct Geographic Regions. *Proceedings of the Northeastern Recreation Research Symposium*, Compiled and Edited by Rudy Schuster Gen. Tech. Rep. NE-302. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station. pp. 21-27.
- 2001 Silverberg, J.K., P.J. Pekins, and R.A. Robertson. Impacts of Wildlife Viewing at Dixville Notch Wildlife Viewing Area. *Proceedings of the Northeastern Recreation Research Symposium*, Compiled and edited by Sharon Todd. Gen. Tech. Rep. NE-289. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station. p. 260-266.
- 2000 Michaud, J. and R.A. Robertson. "Community Attachment and Support for Recreation Trail Development: Does it matter how these concepts are measured?" *Proceedings of the Northeastern Recreation Research Symposium*, Compiled and edited by Gerald Kyle. USDA Forest Service: Northeast Forest Experiment Station, General Technical Report-NE-276: pp. 28-34.
- 2000 Carlsen, E. and R.A. Robertson. "Effect of Balance Information on Attitudes Towards Open Ocean Aquaculture in New England." *Proceedings of the Northeastern Recreation Research Symposium*, Compiled and edited by Gerald Kyle. USDA Forest Service: Northeast Forest Experiment Station, General Technical Report-NE-276: pp. 107-111.
- 1999 Burns, A.L. and R.A. Robertson. Content Analysis of State Tourism Web Sites. Proceedings of the

Northeastern Recreation Research Symposium, Compiled and edited by Gerald Kyle. USDA Forest Service: Northeast Forest Experiment Station, General Technical Report-NE-269: pp. 17-22.

- 1999 Mueller, A. and R.A. Robertson. "A Study of New Hampshire Teacher's Interest in Environmental Education". *Proceedings of the Northeastern Recreation Research Symposium*. USDA Forest Service: Northeast Forest Experiment Station, General Technical Report-NE-269: pp. 17-22.
- 1999 Wright, A. and R.A. Robertson. "Use of A Qualitative Analysis Tool to Understand the relationship between recreational fishing and Open Ocean Aquaculture Development." *Proceedings of the Northeastern Recreation Research Symposium.* Compiled and edited by Gerald Kyle. USDA Forest Service: Northeast Forest Experiment Station, General Technical Report-NE-269: pp. 361-365.
- 1999 Tango-Lowy, T. and R.A. Robertson "Assessment of Tourist Attitudes toward Marine Aquaculture." *Proceedings of the Northeastern Recreation Research Symposium*. Compiled and edited by Gerald Kyle. USDA Forest Service: Northeast Forest Experiment Station, General Technical Report-NE-269: pp.242-247.
- 1999 Crimes, J., N. Stracuzi, R.A. Robertson, and C.M. Duncan. "Competition and Conflict Over Common Property Space: A Qualitative Study of NH Recreational Fishermen and Open Ocean Aquaculture Development." *Proceedings of the Northeastern Recreation Research Symposium*. Compiled and edited by Gerald Kyle. USDA Forest Service: Northeast Forest Experiment Station, General Technical Report-NE-269: pp. 400-406.
- 1998 Robertson, R.A. and R.J. Burdge. "Size of Place of Residence and Encounters with the Adverse Consquences of and Support for Commercia/Industrial Development". *Proceedings of the 1998 Northeastern Recreation Research Symposium*; Hans g. Vogelsong (editor). Gen. Tech. Rep. NE-255. Radnor, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. pp.81-85.
- 1998 Garpow, W, M. Habicht and R.A. Robertson. "Student Willingness to Pay More for A Tourism Experience Which Supports Environmental Conservation". In *Proceedings of the 1998 Northeastern Recreation Research Symposium*. Gen. Tech. Rep. NE-255. Radnor, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. pp. 28-33.
- 1998 Manalo, A.B., T. Farrigan, and R.A. Robertson. "Beliefs about New Hampshire, Maine, and Vermot with regards to Selected Tourism Opportunities and Amenities A Tourism Experience Which Supports Environmental Conservation". *Proceedings of the 1998 Northeastern Recreation Research Symposium*. Hans g. Vogelsong (editor). Gen. Tech. Rep. NE-255. Radnor, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. pp. 184-187.
- 1996 Robertson, R.A. Lessons Learned from the Application of the Social Science Research Planning Process to NH Coastal Zone. *Proceedings of the 1996 Northeastern Recreation Research Symposium*, March 31-April 2, 1996, Bulton Landing, NY. (Ed.) W.F. Kuentzel. Gen. Tech. Rep. NE-232. Radnor, PA: U.S. Department of Agriculture, Forest Service, Northeaster Forest Experiment Station. pp. 238-243.
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- 1996 Pfister, L. and R.A. Robertson. Investigations into the activities and perceived effectiveness of non-profit organizations in New Hampshire. *Proceedings of the 1996 Northeastern Recreation Research Symposium*, (Ed.) W.F. Kuentzel. Gen. Tech. Rep. NE-232. Radnor, PA: U.S. Department of Agriculture, Forest Service, Northeaster Forest Experiment Station. pp. 233-237.
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- 1995 Annett, S., C. Dabrowski, R.A. Robertson. "Motivations and Constraints to Spring Break Travel: A Cross Gender Comparison", in Chad Dawson, ed. *Proceedings of the 1995 Northeastern Recreation Research Symposium*. Gen. Tech. Rep. Radnor, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. pp. 217-221
- Kingsley, E. and R.A. Robertson. "Legislative Mandates for Tourism in the United States", in Chad Dawson, ed. *Proceedings of the 1995 Northeastern Recreation Research Symposium*; 1995 April 9-11; Saratoga Springs, NY. Gen. Tech. Report, Radnor, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. pp. 115-118.
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- 1992 Robertson, R.A. and D.R. Field. "Multicommunity Collaboration: Linear Resource Systems," In P.F. Korsching, T.O. Borich, J. Stewart (eds.) *Multicommunity Collaboration: An Evolving Rural Revitalization Strategy-Conference Proceedings*. North Central Regional Center for Rural Development: RRD 161 (pp. 225-239).
- 1992 Robertson, R.A. and J.P. Colletti, "Desired Lake Attributes and Recreation Choice: A Comparison of Two Central Iowa Reservoirs," In Roger Bachmann (editor) *Proceedings of the Regional Lake Management Conference*. NALMS (pp. 36-43).

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- 1991 Robertson, R.A., J.M. Grady, and R.J. Burdge. Urban-Rural Differences in Support of Fish and Wildlife Restoration and Habitat Protection Programs within Urban River Corridors. In *Wildlife Conservation in Metropolitan Environments*, Lowell Adams, ed. National Institute for Urban Wildlife, Columbia, Maryland.
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- 1988 Robertson, R.A. and J. Vining, "Incorporating the Response to Environmental Risk and Hazards Into Public Involvement and Information Programs." In Joanne Vining (editor) *Proceedings of the Second Symposium on Social Science in Resource Management*, (UILU-IES 88 0011 IES Research Report #11). Institute for Environmental Studies, Urbana IL.

Published Abstracts

- 2012 Published abstract paper and presentation entitled "Resilience Thinking" and Intermodal Transportation Systems: The Case of New Hampshire's Coastal Corridor" for the Tourism Naturally Conference Tourism Naturally Conference Alghero, Italy, October 2 5, 2016. Session http://programme.exordo.com/tnc2016/delegates/presentation/164/
- 2012 Robertson, R.A. Assessment of Learning Outcomes of a Business/Education Partnership: The Case of the Isles of Shoals Steamship Company and UNH's Tourism Planning and Development. Paper presented at the Annual meeting of the Resort and Commercial Recreation Association at the Tradewinds Resort, St. Pete Beach. November 3 6, 2012. Abstract Published.

- 2012 Keating, A., P. Pekins, R. Robertson, J. Silverberg, M. Ellingwood. Paper presented at the Pathways to Success Conference & Training: Integrating Human Dimensions into Fisheries and Wildlife Management. Breckenridge, Colorado, Beaver Run Resort. September 24-27, 2012. Abstract Published.
- 2012 Robertson, R.A. and T. Hartley. Trust, Cooperative Research and the management of fishery resources in New England. Paper presented at the 75th Annual meeting of the Rural Sociological Society; Chicago, IL. July 27-30th. Abstract Published.
- 2006 Robertson, R.A. and T. Hartley. Cooperative Research and the Management of Marine Fishery Resources in New England: What about Trust? In *Partnerships for a Common Purpose: Cooperative Fisheries Research and Management*. Edited by A.N. Read and T.W. Hartley. 244. Symposium 52 Behesda, MD American Fisheries Society.
- 2006 Hartley, T. and R. Robertson. Fishing Communities responding to change: Communication Network Analysis of Innovation Strategic Partnerships in New England. coastal community. *Book of Abstracts.* 12th International Symposium on Society and Resource Management. Global Challenges and Local Responses. June 3-8th. Vancouver, British Columbia. www.issrm2006.rem.sfu.ca p. 133.
- 2006 Lord-Fonseca, F., R. Robertson, and T. Hartley. Cooperative research in the Management of Marine Fishery Resources: What about Trust. *Book of Abstracts*. 12th International Symposium on Society and Resource Management. Global Challenges and Local Responses. June 3-8th. Vancouver, British Columbia. <u>www.issrm2006.rem.sfu.ca</u> P. 197
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- 2005 Robertson, R.A. and T.W. Hartley "Cooperative Research and Management of Marine Fishery Resources in New England: A Comprehensive Assessment." In Managing Our Nation's Fisheries II: Focus on the Future. Proceedings of a Conference on Fisheries Management in the United States, Washington, D.C., March 24-26, 2005. edited by D. Witherell. 262. Washington, D.C.: NOAA Fisheries.
- 2005 Robertson, R. "Cooperative Research and the Management of Marine Fishery Resources in New England: How important is "Trust"?" Paper presented at the Annual meeting of the Rural Sociological Society; Tampa, FL August 7-11th, 2005. Abstract Published.

- 2004 Wiersma, R. Robertson, D. Morris, and T. Hartley. Social Beneftis and Economic Impacts of Cooperative Research on Commercial Fishermen and New England Fishing Communities." Paper presented at the 10th International Symposium on Society and Natural Resources Keystone CO June 2nd to June 5th .Keystone CO June 2nd to June 5th . Abstract Published
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- 2003 T. Hartley and R.A. Robertson. "Cooperative Research and Marine Fishery Resource Management in New England." Poster Presented at the Conference on Fishery Management in the United States, Washington, D.C., November 13-15, 2003. Published in Meeting Proceedings.
- 2001 Dillman, D.A., R. Mason, and R.A. Robertson. "Personalization of Mail Surveys on General Public and Other Populations." Paper presented at the 64th Annual Meeting of the Rural Sociological Society in Albuquerque, New Mexico, August 15-19, 2001.
- 2001 Robertson, R.A. "Are New Hampshire "Natives" Different? A Study of NH Natives and Three Cohorts of In Migrants to New Hampshire." Paper presented at the 64th Annual Meeting of the Rural Sociological Society in Albuquerque, New Mexico, August 15-19, 2001.
- 2000 Nichols, R. and R.A. Robertson. "Open Ocean Aquaculture and Commercial Fishing in the Northwest Atlantic: Training Fishermen to Enter the Aquaculture Industry." A poster presented at the 8th International Symposium on Society and Resource Management: Transcending Boundaries: Natural Resource Management from Summit to Sea. June 17-22, 2000 at Western Washington University, Bellingham, Washington, USA. Abstract Published in Book of Abstracts (p.232).
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- 1998 Waitkins, M., R.A. Robertson, and B. Lindsay. "Support for Open Ocean Aquaculture in Northern New England: A Study of Commercial Fishermen." *The Seventh Symposium on Society and Resource Management: Culture, Environment, and Society--Book of Abstracts.* University of Missouri-Columbia, Columbia Missouri. p. 134.
- 1998 Robertson, R.A. "Outdoor Recreation Participation and Views on Resource Development and Preservation: A Further Examination." *The Seventh Symposium on Society and Resource Management: Culture, Environment, and Society--Book of Abstracts.* University of Missouri-Columbia, Columbia Missouri. May 27-31, 1998. pp. 222-223.
- 1997. Pfister, L. and R.A. Robertson. "Characterizing Attitudes Towards the Impacts of Public Water Access in New Hampshire." International Association for Impact Assessment: Methods, Tools, and Techniques of Assessing the Effects of Development--Abstracts Volume. 17th Annual Meeting, May 28-31. Fairmont Hotel, New Orleans, LA.
- 1996 Robertson, R.A. and B.E. Lindsay, "Scoping the Potential Social Impacts of Marine Finfish Aquaculture in Northern New England". *The Sixth Symposium on Society and Resource Management: Social Behavior, Natural Resources and the Environment--Book of Abstracts.* The Pennsylvania State University, University Park, 1996. pp. 31-32.
- 1996 Pfister, L. and R.A. Robertson, "Investigations into the Activities and Perceived Effectiveness of Voluntary Organizations in New Hampshire". *The Sixth Symposium on Society and Resource Management: Social Behavior, Natural Resources and the Environment--Book of Abstracts.* The Pennsylvania State University, University Park, PA. May 18-23, 1996. pp. 67-68.
- 1996 Hanratty, E. and R.A. Robertson, "Nonpoint Pollution: A Study of Perceptions, Knowledge, Behaviors and Preferences for Specific Management Practices". *The Sixth Symposium on Society and Resource Management: Social Behavior, Natural Resources and the Environment--Book of Abstracts.* The Pennsylvania State University, University Park, PA. May 18-23, 1996. p. 91.
- 1996 Gardoqui, D. and R.A. Robertson, "Economic Impacts of Snowmobiling in New Hampshire".*The Sixth Symposium on Society and Resource Management: Social Behavior, Natural Resources and the Environment--Book of Abstracts.* The Pennsylvania State University, University Park, PA. May 18-23, 1996. p. 254.
- 1994 Robertson, R.A., D.R. Field and C. Parker, "A Step towards the Integration of Human and Biological Systems: The Identification and Conceptualization of Linkages". *The Fifth Symposium on Society and Resource Management: Creating Research, Education, and Management Partnerships Among Natural Resource Professionals--Book of Abstracts* Human Dimensions in Natural Resources Unit, Colorado State University, June 7-10, 1994. pp.29-30. (principal author)
- 1994 Robertson, R.A. and J. Logsden, "Trail Management and University Research: The Process and

Benefits of Collaboration". *The Fifth Symposium on Society and Resource Management: Creating Research, Education, and Management Partnerships Among Natural Resource Professionals-Book of Abstracts* Human Dimensions in Natural Resources Unit, Colorado State University, June 7-10, 1994. p.228.

- 1992 Robertson, R.A., D.R. Field and R.J. Burdge, "Rural River Communities: What are the Trends?" Sociological Abstracts, 92 S 24327/RSS/1992/1011
- 1992 Robertson, R.A., M.A. Robertson and S.V. Simpson, "Voluntary Compliance as a Scenic and Cultural Resource Protection Tool," in *Abstracts of the 4th North American Symposium on Society and Natural Resource Management* held in Madison, Wisconsin May 17-20, 1992.
- 1992 Robertson, R.A., D.R. Field, R.J. Burdge and W. Fleischman, "Rural River Communities, Natural Resource Values and Rural Economic Development: A Research Agenda," in *Abstracts of the 4th North American Symposium on Society and Natural Resource Management* held in Madison, Wisconsin, May 17-20, 1992.
- 1991 Robertson, R.A. and R.J. Burdge, "Residential Location and Support for Commercial & Industrial Development: A Study of Recreation Visitors to Multiple Objective River Corridors," *Sociological Abstracts*, 91 S 24067/RSS/1991/1911.
- 1991 Robertson, R.A. and J.P. Colletti, "Siltation and recreation displacement: A study of licensed boaters in central Iowa", in *Abstracts of the Proceedings of the 1991 NRPA Leisure Research Symposium*. Published by the National Recreation and Park Assoc..
- 1991 Simpson, S.V., R.A. Robertson and M.A. Robertson, "Driving for Pleasure: A Case Study of Wisconsin's Rustic Road Program," in *Abstracts of the Proceedings of the Association of Physical Education, Health, Recreation and Dance.*
- 1990 Robertson, R.A., J. Heuberger and R.J. Burdge, "Consumption of Alcoholic Beverages and Recreational Use of An Urban River Corridor: An Exploratory Study," in *Abstracts of the Proceedings of the 1990 NRPA Leisure Research Symposium*. Published by NRPA.
- 1989 Robertson, R.A., "Rural-Urban Differences in Evaluations of the Impact of Commercial-Industrial Activities and Support for Environmental Protection," *Sociological Abstracts*, 89 S 21087/RSS/1989/2152
- 1989 Robertson, R.A. and R.J. Burdge, "Influence of Past Experience on Evaluations of Resource Quality within an Urban River Corridor," in *Abstracts of the Proceedings of the 1990 NRPA Leisure Research Symposium.* Published by the NRPA.
- 1989 Robertson, R.A. and R.J. Burdge, "Exploring the Determinants of Resource Based Conflict: The Case of Recreational Activities within an Urban River Corridor," in *Abstracts of papers of the Annual Conference of the Western Social Science Association*.
- 1988 Robertson, R.A. and R.J. Burdge, "Who Leaves, Who Stays and Why? An Empirical Examination of Behavioral Intentions to Go Elsewhere for Water-Based Recreation," in *Abstracts of the Proceedings of the 1990 NRPA Leisure Research Symposium*.
- 1987 Burdge,R.J. and R.A. Robertson, "Social Impact Assessment and the Public Involvement Process," *Sociological Abstracts*, 87 S 19884/RSS/1987/1877.

Book Reviews

- 1999 Curtin, Deane. <u>Chinnagounder's Challenge: The Question of Ecological Citizenship.</u> Bloomington, Indiana University Press (1999). *Journal of Political Ecology: Case Studies in History and Society*, Vol. 6. (3 pages). With David Howland.
- 1996 Hyndman, David. <u>Ancestral Rain Forests & the Mountain of Gold: Indigenous Peoples and Mining in New Guinea</u>. Boulder, Colorado: Westview Press, 1994. 208 pp. *Rural Sociology*, Vol. 61:2 pp. 392-393.
- 1991 Cocklin, C., B. Smit, and T Johnston (eds.). <u>Demands on Rural Lands: Planning for Resource Use</u>. Westview Press: 1987. *Rural Sociology* Vol 56, No. 1, pp. 124-125.

Government/Technical Reports (partial list)

- 2015 Robertson, R.A. New Hampshire Route 1A/1B Coastal Tourism Inventory & Visitor Needs Assessment. Rockingham Planning Commission. pp.123
- 2006 Hartley, T., R. Robertson and M. Gagne. October 19, 2006. Coastal Communities Managing Change: Final Report. Government Report. EA 133F-03-SE-0816. National Marine Fisheries Service, Northeast Science Center. Woods Hole, MA. pp. 170.
- 2006 Robertson, R. Fishermen's Reflections on Northeast Consortium Funded Projects. Submitted to Northeast Consortium. Submitted to and distributed by the Northeast Consortium. pp. 2.
- 2006 Robertson, R. "Scientist's Reflections of the Benefits of Participation in Northeast Consortium Funded Cooperative Research Projects". Submitted to the Northeast Consortium. pp. 2.
- 2004 Robertson, R., J. Kennedy and B. Lindsey. Assessment of the Commercial Fishing Community's Attitudes Towards Cooperative Research and the Northeast Consortium: a Survey of New England Commercial Fishermen. Submitted to and distributed by the Northeast Consortium. pp. 19.
- 2003 Robertson, R. Northeast Consortium Fact Sheet Series 1-22. Submitted to the Northeast Consortium.
- 2002 Robertson, R.A., K. Pawlawski, L. Pfister, C. French. NH Outdoor Recreation Stakeholder Survey: A Summary Report. NH Office of State Planning. 22 pages
- 2001 Robertson, R.A. Peterborough Community Recreation Needs Assessment. Final Report Submitted to Peterborough Board of Selectmen. 48 pages.
- 2001 Robertson, R.A. and J.L. Michaud. City of Baltimore Reservoirs Outdoor Recreation User Study– Final Report. Submitted to the Maryland Department of Natural Resources: Forest Service. 60 pages.
- 2001 Robertson, R.A. and J.L. Michaud. Outdoor Recreation and City of Baltimore Reservoirs: Summary of Critical Issues, Conclusions, Recommendations, and Implementation Strategies. *Final Action Plan.* Submitted to City of Baltimore. 4 pages
- 2000 Robertson, R.A., E. Carlsen, and M. Robertson. "Open Ocean Aquaculture Telephone Survey:

Summary Report." NH Sea Grant. 8 pages.

- 2000 Robertson, R.A. and M. Izard. Meeting National Aquaculture Objectives: A Web Based Content Analysis of Coastal Zone Management Planning Tools and Application.
- 2000 Robertson, R.A. and T. Tango-Lowy. UNH Open Ocean Aquaculture Demonstration Project and the Inshore Commercial Fishing Fleet: A Summary Report. (This 14 page summary report will have a NH Sea Grant Publication Number.)
- 2000 Others and R.A. Robertson. Recreation Issues in the White Mountain Forest Plan Revision Process. Published by the USDA White Mountain National Forest. 70 pages.
- 2000 Robertson, R.A., Richard B. Nichols, Rolland T. Barnaby, and Bruce E. Lindsay. "Open Ocean Aquaculture and Commercial Fishing in the Northwest Atlantic: A Study of Northern New England's Commercial Fishermen." NH Sea Grant Publication Number.
- 2000 Robertson, R.A., E. Carlsen, and B.E. Lindsay. "Tourism Taste Test of Aquacultured Products Summary Report. NH Sea Grant Report.
- 2000 Robertson, R.A. "The Greater Soucook River Watershed Region Needs Assessment." Final report submitted to NH Department of Environmental Services and New Hampshire Foundation for Sustainable Communities." p.40
- 2000 Butler, M.J. and R.A. Robertson. "Environmental Education Issues and the White Mountain National Forest: A Summary Assessment of Critical Issues and Recommendations." Published by the USDA White Mountain National Forest. 15 pages.
- 1998 Robertson, R.A. The 1998 Assessment of Outdoor Recreation in New Hampshire: Summary Report. Submitted to New Hampshire Office of State Planning and U.S. Department of Interior National Park Service. p. 14.
- 1998 Robertson, R.A. Teaching Human Dimensions of Wildlife in U.S. Universities: A Summary Report. Submitted to Human Dimensions of Wildlife Study Group. p. 4.
- 1998 Robertson, R.A., M. Waitkins, and B. Lindsay. Perceptions of the Impact of Open Ocean Aquaculture on Commercial Fishermen: A Study of Northern New England Commercial Fishermen. Submitted to Maine/New Hampshire Sea Grant. p. 35.
- 1998 Robertson, R.A. Environmental Education Needs Assessment & Market Analysis: Research Summary. Submitted to Sustainable Living Endowment. p. 8.
- 1997 Robertson, R.A. and K. Wirtanen. Sustainable Living Education Survey: Summary Report. Submitted to Hubbard Sustainable Living Endowment Steering Committee. p.4.
- 1997 Robertson, R.A. and L. Pfister. New Hampshire's Statewide Public Access Needs Assessment to Lakes, Ponds and Rivers: Final Report. Submitted to New Hampshire Department of Fish and Game. p. 108.
- 1997 Robertson, R.A. "NH Route 1A/1B Scenic Corridor: Tourism Inventory and Needs Assessment. Final Report Submitted to NH Office of State Planning's Scenic and Cultural Byways Program and Rockingham Planning Commission. P.36.

- 1996 Hanratty, Elizabeth, Robert A. Robertson and Edmund Jansen. "Oyster River Watershed Study: Final Report". Submitted to Office of State Planning: NH Coastal Program and U.S. Department of Commerce: National Oceanic and Atmospheric Administration.
- 1996 Robertson, Robert A. "Assessment of Snowmobiling in New Hampshire 1996". Submitted to the NH Snowmobile Association.
- 1996 Hanratty, Elizabeth, Robert A. Robertson, Edmund Jansen. "Oyster River Watershed Study: Summary Report". A Summary of Resource, Community & Tourism Development Research. (June, 1996). 4 p.
- 1995 Robertson, Robert A. "University Based Education & Training Programs in Ecotourism or Nature-Based Tourism in the USA: A Summary Report". A Summary of Resource, Community & Tourism Development Research. (June, 1995). 4 p.
- 1995 Robertson, R.A. A Social Science Research Plan for New Hampshire's Coastal Zone: A Working Paper. A Summary of Resource, Community & Tourism Development Research, Report 2, (December, 1995). 12 p.
- 1995 Cobb, M., E. Kingsley, R. Robertson, and G. Zaso. "New Hampshire Lodging and Restaurant Association Report." University of New Hampshire. 32 p.
- 1994 Gilbert, L.A., E.F. Jansen, J.M. Halstead and R.A. Robertson. "Economic and Social Impacts of the Parker River National Wildlife refuge and its Piping Plover Management Program. Research Report 131 (October). New Hampshire Agricultural Experiment Station, University of New Hampshire.
- 1992 Robertson, R.A. "Recycling and Solid Waste Management Programs with Iowa's Camping Areas: A Study of Park Managers." Final report. Iowa Science Foundation.
- 1992 Robertson, R.A. "Raccoon River Valley Trail User Study: Summary and Recommendations", Iowa State University and Dallas County Conservation.
- 1990 Robertson, R.A., S. V. Simpson and Mary A. Robertson. "Final Case Study for the National Scenic Byways Case Study: Wisconsin's Rustic Road Program." Final Report published by US Department of Transportation, Federal Highway Administration. Publication No. FHWA-ED-90-024 HEP-23/11-90(1M)QE.
- 1990 Robertson, R.A. "Clive Greenbelt Trail Use Study". Final Report submitted to the Clive Recreation and Parks Committee.
- 1990 Robertson, R.A. and J.P. Colletti. "Lake Red Rock Recreation Assessment". Final Report and Recommendations, Iowa State University, Ames Iowa, in cooperation with the U.S. Department of Agriculture, Soil Conservation Service.
- 1989 Robertson, R.A. and D. Dahlquist. "A Study of Iowa's Artificial and Natural Lakes," Final Report submitted to the Park and Recreation Enhancement Committee of the Iowa State Legislature.
- 1989 Robertson, R.A. and R.J. Burdge. "A Profile of Commercial/Industrial Activity and Associated Impacts on Enjoyable Recreational Use of the Upper Illinois Waterway," Final Report, Institute for

Environmental Studies, University of Illinois at Urbana-Champaign, and the Illinois and Michigan Canal National Heritage Corridor.

1984 Robertson, R.A. "A Natural History of Public Works Development," Final Report submitted to the Oregon State Museum.

Article Reviews

Former Associate Editor of Society & Natural Resources: An International Journal, and routinely review research articles for Wildlife Society Bulletin, Journal of Environmental Management, Forest Science; and Human Dimensions of Wildlife: An International Journal, Tourism Insights, R

Papers at Professional Meetings (partial list)

- 2017 Invited Speaker at New Hampshire Mensa's Granite Gathering. Presented a paper entitled "The Art of Zen Travel" (80 minute presentation). Wynwood Hotel and Suites, Portsmouth, NH 17th-19th
- 2016 Robertson R.A. "Resilience Thinking, Intermodal Transportation and a Coastal Corridor". Paper. Presented at the International Conference "Tourism Naturally" at Alghero, Italy, Oct.2nd - 5th 2016
- 2014 Robertson, R.A. Results from NHAES Research Report at the Annual Meeting of WERA 1010: Error Reduction in Rural and Agricultural Experiments in February of 2014 in Tucson, AZ.
- 2013 Robertson, R.A. Results from NHAES Research Report at the Annual Meeting of WERA 1010: Error Reduction in Rural and Agricultural Experiments in February of 2013 in Tucson, AZ.
- 2012 Robertson, R.A. Results from NHAES Research Report at the Annual Meeting of WERA 1010: Error Reduction in Rural and Agricultural Experiments in March of 2012 in Tucson, AZ.
- 2004 Wiersma, J., R.A. Robertson, and D. Morris. "Variations in economic multipliers of the tourism sector in New Hampshire: An Implan Study. Paper Presented at the Northeast Regional Recreation Symposium at the Sagamore Hotel, Lake George, Bolton Landing, New York. March 28-30, 2004.
- 2004 Robertson, R.A. and R. Whittaker. "Student Assessment of a Tourism Business: Who learned what?". Paper Presented at the Northeast Regional Recreation Symposium at the Sagamore Hotel, Lake George, Bolton Landing, New York, March 28-30, 2004.
- 2004 Hartely, T. and R.A. Robertson. "Can we get there from here? Sustainable Fisheries and Cooperative Research. Poster presented at the World Fisheries Congress, Vancouver British Columbia, Canada. May 1-5, 2004.
- 2003 Invited speaker at the Annual Participant Meeting of the Northeast Consortium. December 9, Portsmouth, NH Sheraton Hotel.
- 2002 Invited speaker at the annual meeting of the Northeast Shellfish Sanitation Association. My sixty minute presentation summarized the results of my research program in the socio-cultural dimensions of the development of open ocean aquaculture development.

- 2002 Robertson, R.A. Natives and In migrants: Does it matter when they arrived? Paper Presented at the Northeast Regional Recreation Symposium at the Sagamore Hotel, Lake George, Bolton Landing, New York April 14-16, 2002.
- 2002 Hefner, J. and R.A. Robertson. Visitor Attitudes toward New England fishermen: A study of tourists to the New Hampshire Sea Coast. Paper Presented at the Northeast Regional Recreation Symposium at the Sagamore Hotel, Lake George, Bolton Landing, New York April 14-16, 2002.
- 2002 Whittaker, R.L. and R.A. Robertson. Student Internships–Who wants what from whom? Some insights from students, educators and hosts. Paper Presented at the Northeast Regional Recreation Symposium at the Sagamore Hotel, Lake George, Bolton Landing, New York April 14-16, 2002.
- 2002 Pawlawski, K. and R.A. Robertson. Public Access to NH State Waters: A comparison of three cohorts of resident across three distinct regions. Paper Presented at the Northeast Regional Recreation Symposium at the Sagamore Hotel, Lake George, Bolton Landing, New York April 14-16, 2002.
- 2001 Robertson, R.A. "Knowledge, Relevance and Attitudes Towards Open Ocean Aquaculture in Northern New England: Summary of Data from Five Sample Surveys." A paper presented at the Open Ocean Aquaculture IV Symposium on June 17-20, 2001 in St. Andrews, New Brunswick. (To appear in proceedings).
- 2001 Nichols, R. and R.A. Robertson. "Scoping the Potential Social Impacts of Open Ocean Aquaculture on Commercial Fishermen." A paper presented at the Open Ocean Aquaculture IV Symposium on June 17-20, 2001 in St. Andrews, New Brunswick
- 2001 Dillman, D.A., R. Mason, and R.A. Robertson. "Personalization of Mail Surveys on General Public and Other Populations." Paper presented at the 64th Annual Meeting of the Rural Sociological Society in Albuquerque, New Mexico, August 15-19, 2001. (Also appears in Meeting Abstracts).
- 2001 Robertson, R.A. "Are New Hampshire "Natives" Different? A Study of NH Natives and Three Cohorts of In Migrants to New Hampshire." Paper presented at the 64th Annual Meeting of the Rural Sociological Society in Albuquerque, New Mexico, August 15-19, 2001. (Also appears in Meeting Abstracts).
- 2001 Robertson, R.A. "What Makes a Specific Resource Development Issues "Relevant"? An Exploratory Study of Two Sample Populations." A paper presented at the Northeastern Recreation Research Symposium April 2-4, 2001, Bulton Landing, NY.
- 2001 Whittaker, R.L. and R.A. Robertson. "Is Tourism Business, Community Business? Some Thoughts from the Inside."A paper presented at the Northeastern Recreation Research Symposium April 2-4, 2001, Bulton Landing, NY
- 2001 Michaud, J.L. and R.A. Robertson. "Personalization in Sample Survey Research: Does it make a difference?" A paper presented at the Northeastern Recreation Research Symposium April 2-4, 2001, Bulton Landing, NY.
- 2001 Carlsen, E.L. and R.A. Robertson. "Support for Alternative Ocean Development Initiatives: Does Gender Matter?" A paper presented at the Northeastern Recreation Research Symposium April 2-4, 2001, Bulton Landing, NY.
- 2000 Robertson, R.A. "Marketing for Small Scale Producers: What Do Seafood Consumers Know and

Think about Aquaculture Products?" Invited Paper Presented at the Northeast Aquaculture Conference and Expo. December 7-9, 2000. Portland, Maine.

- 2000 Robertson, R.A. Overall and Multiple Specific Measures of Satisfaction in Recreation Surveys: An Examination of Question Order Effects."A paper presented at the Northeastern Recreation Research Symposium April 2-4, 2000, Bulton Landing, NY.
- 2000 Lundy, M. and R.A. Robertson. "Examination of the Relationship between Recreation Use and Attitudes Towards Specific Coastal and Marine Resource Development Initiatives." A poster presented at the Northeastern Recreation Research Symposium April 2-4, 2000, Bulton Landing, NY.
- 2000 Michaud, J. and R.A. Robertson. "Community Attachment and Support for Recreation Trail Development: Does it matter how these concepts are measured?" A paper presented at the Northeastern Recreation Research Symposium April 2-4, 2000, Bulton Landing, NY.
- 2000 Timers, V., F. Willis, and R.A. Robertson. "The Nature and Effect of Non-response Bias: Two Cases Compared." A paper presented at 63rd Annual Meeting of the Rural Sociological Society at the Renaissance Mayflower Hotel, Washington, D.C. August 13-17, 2000.
- 1999 Mueller, A. and R.A. Robertson. "A Study of New Hampshire Teacher's Interest in Environmental Education". A paper presented at the Northeastern Recreation Research Symposium April 11-13, 1999, Bulton Landing, NY.
- 1999 Josiah, A.O. and R.A. Robertson. "Gender and Support for Specific Resource Management and Tourism Development Strategies: The Case of the NH Route 1a/1b Corridor." A poster presented at the Northeastern Recreation Research Symposium April 11-13, 1999, Bulton Landing, NY.
- 1999 Bell, Forest and R.A. Robertson. "Land Use Preferences and Environmental Activism: A Study of Soucook Watershed Residents". A poster presented at the Northeastern Recreation Research Symposium April 11-13, 1999, Bulton Landing, NY.
- 1998 Robertson, R.A. New Hampshire "Natives" are they different? An Exploratory Study. A paper presented at the Northeastern Recreation Research Symposium April 5-7, 1998, Bulton Landing, NY.
- 1998 Gangemi, J. and R.A. Robertson. Gender and Support for Specific Resource Management and Development Strategies: The Case of the Route 1A/1B Corridor. Poster presented at the Northeastern Recreation Research Symposium April 5-7, 1998, Bulton Landing, NY.
- 1998 Partelow, C., M. St. Cyr, and R.A. Robertson. Motivation and Satisfaction: The case of the a New York Harbor Excursion Experience. Poster presented at the Northeastern Recreation Research Symposium April 5-7, 1998, Bulton Landing, NY.
- 1998 Leet, K., J. Kaloust, and R.A. Robertson. Content Analysis of State Promotional Materials. Poster presented at the Northeastern Recreation Research Symposium April 5-7, 1998, Bulton Landing, NY.
- 1998 Garrepy, M., M. Provost, and R.A. Robertson. Visitor Profiles at Heritage Tourism Sites on the New Hampshire Seacoast. Paper presented at the Northeastern Recreation Research Symposium April 5-7, 1998, Bulton Landing, NY.
- 1998 Manalo, A. and R.A. Robertson. What does a random sample of U.S. Citizens think about the

tourism opportunities in three New England States? Paper presented at the Northeastern Recreation Research Symposium April 5-7, 1998, Bulton Landing, NY.

- 1998 Robertson, R.A. Recreation Users Views of Forest Management. An invited paper presented at the 1998 Annual Meeting of the New England Society of American Foresters. March 24th, 1998. Manchester, NH.
- 1997 Robertson, R.A. Responsible Tourism Development: What is it? and Will we know it if we see it? An invited paper presented at the Annual Meeting of the Northern New England Chapter of the American Planning Association. September 18, 1997. Stowe Vermont.
- 1997 Robertson, R.A. Sustainable Living Education at the University of New Hampshire: Activities, Interests and Program Priorities from the Perspective of Faculty, Staff and Administrators. A paper presented at the 60th Annual Meeting of the Rural Sociological Society: Global Competition and Community--August 13-17, 1997, Toronto, Canada.
- 1997 Pfister, L. and R.A. Robertson. Public Water Access in New Hampshire: Social and Environmental Concerns. A paper presented at the 60th Annual Meeting of the Rural Sociological Society--August 13-17, 1997, Toronto, Canada.
- 1997 Waitkins, M. and R.A. Robertson. Open Ocean Aquaculture: What is it? and What do commercial fishermen think about it? A poster presented at the 60th Annual Meeting of the Rural Sociological Society: Global Competition and Community-August 13-17, 1997, Toronto, Canada.
- 1997 Robertson, R.A., M. Robertson and K. Clark. Who needs what information? and How do they like to get it?: A preliminary study of New Hampshire Community Leaders. A paper presented at the 60th Annual Meeting of the Rural Sociological Society: Global Competition and Community--August 13-17, 1997, Toronto, Canada.
- 1996 Gardoqui, D. and R.A. Robertson. Economic Impacts of Snowmobiling in NHC and private campgrounds in NH and VT. A paper presented at the Northeastern Recreation Research Symposium March 31-April 2, 1996, Bulton Landing, NY.
- 1996 Provost, M. and R.A. Robertson. Involvement with New Hampshire Snowmobile Association's Trainmaster Program: A Profile of Volunteer Activities and Motivations. A poster presented at the North Eastern Recreation Research Symposium.
- 1995 Robertson, R.A. "What do Campers look for in a Campground: A Review of Current Research," A paper presented at the Annual Meeting of the New Hampshire Campground Owners Association. October 20, 1995.
- 1995 Robertson, R.A. "Regional Tourism Planning," A paper presented at the Northeast Regional Meeting of the American Planning Association in Foxwoods, CT, Oct. 16-17.
- 1994 Robertson, R.A. "Scenic Byways: An opportunity for Regional Tourism Development," A paper presented at the Vermont Travel Industry Conference. November 2, 1995.
- 1991 Robertson, R.A. and D. Dahlquist, "Determinants of Support for the Development of Comprehensive Trail Networks: The Case of the Clive Green Belt Trail," A paper presented at the *Annual Meeting of the Iowa Park and Recreation Association*.

1990 Robert A. Robertson, "Future Trends in Recreational Use of Central Iowa Lakes," paper presented at the *Annual meeting of the Iowa Park and Recreation Association*.

Funded Research

<u>New Hampshire Route 1A/1B Coastal Tourism Inventory & Visitor Needs Assessment.</u> Principal Investigator. Rockingham Planning Commission, NH Department of Transportation and US Department of Transportation: Federal Highway Administration. \$12,000. 8/1/2013—Current.

Evaluation of Web-Based Tools for Engaging with Stakeholders of Natural and Agricultural Resource <u>Management Policies and Programs.</u> Principal Investigator. NH Agricultural Experiment Station. \$8,000. per year. 10/1/2011-9/30/2014.

Socio-Economic Assessment of Northeast Consortium. U.S. Department of Commerce via Northeast Consortium.. \$107, 199. Principal Investigator. 7/1/2006-6/30/2010

<u>Public Access to Private Lands for Recreation and Tourism in the Northern Forest</u>. Funded by the Northeastern States Research Cooperative, May 4, 2005 -2008 in cooperation with UVM, Cornell University, U of M-Orno. \$114,112 Co-PI

<u>Managing Change in Coastal Communities in the Northeast</u>. Supported by NMFS Northeast Science Center \$69,000. 2004-2006 Troy Hartley PI, R. Robertson Co-PI

Assessing Homeowner Risk and Knowledge in Mitigating Non-Point Source Pollution in Coastal Watersheds. Principal Investigator. 2004-2006. Funded by the NH Water Resources Research Center \$40,000.

<u>Socio-Economic Assessment of Harmful Algae Blooms</u>. NOAA National Coastal and Ocean Services Principal Investigator. 2003-2005. \$45,233

<u>Building Capacity in the Portsmouth Fishing Cooperative</u>. Principal Investigator. 7/30/03–8/30/06. Funded by the NOAA, US Department of Commerce Northeast Consortium. \$30,000.

Improvement of Techniques for Identifying, Characterizing and communicating with stakeholders for natural and agricultural resource programs and policies Principal Investigator. NH Agricultural Experiment Station. \$5,500. per year. 2005-2008.

<u>Reducing Response Bias and Measurement Error in Mail, Telephone and Web Based Surveys</u>. Western Region Coordinating Committee. USDA For travel to meeting. \$1,000.

Intensive Study of the Western Gulf of Maine Study Area: Social Science Component (Year 2 and 3 of project). NOAA CINEMAR \$29,730. & \$27,750.

<u>Linking Students in the Classroom with Extension Professional in Field Via Picture Tel</u>. Funded by UNH Instructional Technology Faculty Development Grants Program Charley French PI . \$16,543

Social Science Research Plan for the Western Gulf of Maine Closed Areas. Principal Investigator. \$26,000. Funded as a component of Montoring Marine Protected Areas: An Intensive Study of the Western Gulf of Maine Closure Area by NOAA/UNH Cooperative Institute for New England Mariculture and Fisheries. June 2002 to June 2004.

<u>Reducing Response Bias and Measurement Error in Mail, Telephone and Web Based Surveys.</u> Western Region Coordinating Committee. USDA For travel to meeting. \$1,200.

<u>New Hampshire Tourism Stakeholder Assessment</u>. Principal Investigator.. Funded by UNH Vice-President for Research and Public Service. Plus in-kind contributions. \$6,000.

An Assessment of Outcomes of a Business/University Partnership: The Case of the Isles of Shoals Steamship Company and UNH's Tourism Planning and Development Program. Submitted as Final Project Proposal to the Outreach Scholars Program. \$1,000.

Outdoor Recreation Assessment associated with the Development of a Forest Management Plan for Washington Suburban Sanitary Commissions Municipal Water Supply Reservoirs. Personal Services Contract \$9,850.00

Social Science Research Planning Activities in Support of Marine Fishery Management in the Northeast. Submitted to National Sea Grant. \$130,000. A third of the money for the project has been allocated.

<u>New Hampshire SCORP Stakeholder Assessment</u>. Principal Investigator. \$15,000. Funded by the NH Office of State Planning (funds originating with the National Park Service. 5/16/02–6/30/03.

<u>Socio-Economic Assessment of the Northeast Consortium</u>. Principal Investigator. \$179,000. Funded by the U.S. Department of Commerce and was funded as a component of the NEC Core Proposal. March 31, 2004.

Assessment of Coastal Residents Attitudes Towards Marine aquaculture and an Evaluation of the Effects of Using Two Communication Channels". Principal Investigator. Funded by Maine/New Hampshire Sea Grant. The Project Budget for the project was \$82,950.

<u>Open Ocean Aquaculture: Social Science Components</u>. Principal Investigator. The project was funded by the U.S. Department of Commerce at \$88,000. The project recently concluded and consisted of five relatively autonomous components.

<u>Outdoor Recreation User Study at Loch Raven, Prettyboy and Liberty Reservoirs in Baltimore Country,</u> <u>USA</u>. . Principal Investigator. \$14,000. This project was associated with the Greater Baltimore Ecosystem Study Project (which is a Long Term Ecological Research Site).

<u>Open Ocean Aquaculture Demonstration Project</u>. Co-Investigator (Director of Socio-economic Component). University of New Hampshire and NOAA via Special Appropriation. February, 1998-June 2000. (\$1.5 million, overall socioeconomic component \$118,000).

<u>Outreach for Social Assessment of Potential Social Impacts of Open Aquaculture Project</u>. UM/UNH Sea Grant. \$3,800. Principal Investigator.

<u>Outdoor Recreation in New Hampshire: Household Participation Survey</u>. Principal Investigator. (8/1/97-6/30/98)\$10,000. NH Office of State Planning and USDA Forest Service.

Improvement of Rural and Agricultural Sample Survey Methods (W-183). Co-Principal Investigator. (7/1/98-6/30/01) \$15,000. USDA Agricultural Experiment Station. Project begins July 1, 1998.

Soucook River Watershed Project: Resident Needs Assessment Principal Investigator. (6/97-10/98).

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\$8,000. NH Department of Environmental Services and the Soucook Watershed Association.

<u>Outreach and Communication Program for the NH Public Access Needs Assessment</u>. Principal Investigator. NH Department of Fish and Game. 4/98-8/98. \$5,300.

<u>Environmental Education Needs Assessment and Market Analysis</u>. Principal Investigator. 5/97-6/98. \$10,000. Sustainable Living Education Endowment and UNH Department of Continuing Education. Completed an assessment of current activities, education, and training interests of in-service teachers.

<u>Coastal Ecology in Croatia</u>. Co-Investigator. National Science Foundation's Young Investigator Program. May 1. 1997 --October 31, 1997. Traveled to Croatia with a team of young scientists to develop a research plan.

Scenic Byways Tourism Development and the Route 1A/1B Scenic Byway Corridor: Characterizing Supply and Demand Issues. Principal Investigator. Rockingham Regional Planning Commission, New Hampshire Office of State Planning, and the Federal Highway Administration, May 28-October 30, 1996 (\$6,000).

Economic Impact of New Hampshire's Commercial Fishing Industry. Co-PI. The project was funded by the NH Fishing Cooperatives and NH Port Authority, 5/96-9/96 (\$2,500

Tourism Development and Route 1A/1B Scenic Byway Corridor: An Integrated, Multi-Disciplinary Approach to Tourism Education, Research and Outreach. Principal investigator.(\$5,000).

<u>Public Access to Lakes and Great Ponds in New Hampshire: A Statewide Needs Assessment</u>. Principal investigator. Funded by the New Hampshire Fish and Game Department, June 1, 1996-May 15, 1997 (\$5,400).

Economic Impacts of Snowmobiling in New Hampshire. Principal Investigator. Funded by the New Hampshire Snowmobile Association, October 10, 1995 to April 15, 1996 (\$8,800.)

<u>Study of Public Knowledge, Perceptions, Behaviors and Preferences for Specific Nonpoint Management</u> <u>Practices within the Oyster River Watershed</u>. Principal Investigator. Funded by the NH Office of State Planning Coastal Program, November 1, 1995 to May 1, 1996 (\$18,500

An Assessment of the Social Science Research and Education Needs of Public Planning, Conservation and Development Organizations within New Hampshire's Coastal Zone. Principal Investigator. Funded by UM and UNH Sea Grant College Program April 1, 1994 to September 30, 1994 (\$5000.). This study collected information on the social science research needs.

Local and Regional Tourism Development Planning: The Role of Education and Training Programs. Principal Investigator. Funded by the UNH OSR, April 23, 1994 to June 30, 1995 (\$7,500).

<u>Developmental Potential of New Hampshire Lake and Shorelines: Supply and Demand Issues</u>. Principal Investigator. Funded by the New Hampshire Agriculture Experiment Station (Hatch Project). July 1, 1994 to July 1, 1997 (\$40,000).

Perceptions of the Social Impacts of Marine Finfish Aquaculture: A Study of Northern New England Fishermen. Principal Investigator. Funded by the National Sea Grant College Program (\$80,000).

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Landscape Management for Environmental Enhancement of Agricultural Watersheds: A Study of Bear <u>Creek and Storm Lake Watersheds, Iowa</u>. Co-Investigator. A member of the Agroecology Issue Team of the Aldo Leopold Center for Sustainable Agriculture. Other members of the issue team include representatives from the Departments Forestry, Agricultural Economics, Animal Ecology, Botany, Agronomy, and the Center for Agriculture and Rural Development (CARD). Funded by the Aldo Leopold Center for Sustainable Agriculture, April 1990 - December 1995 (\$50,000/year).

<u>Recycling and Solid Waste Management Programs within Iowa Park and Recreation Areas:</u> <u>Park Manager Study.</u> Principal Investigator. Funded by the Iowa Academy of Sciences, April 1 to August 1, 1991 (\$4853).

Water Resource Values and Rural Development Programs: A Four State Study of Mississippi River <u>Communities</u>. Principal Investigator. A seed money grant. Dean Donald R. Field, University of Wisconsin-Madison, Professor Rabel J. Burdge, University of Illinois at U/C, and Professor William A. Fleischman, University of Minnesota-Duluth are cooperators with the project. Funded by the North Central Regional Center for Rural Development, January 1 - June 30, 1991. (\$5770).

<u>Raccoon River Valley Green Belt Trail: Economic Impact Study.</u> Consultant. Contracted by the Dallas County Conservation Board and the Greenbelt Foundation. (Fee \$3,500)

<u>Scenic Byways Study: A Case Study of Wisconsin's Rustic Road Program.</u> Principal Investigator. Prepared for the Congressionally Authorized Scenic By-ways Study for the U.S. Federal Highway Administration, May 15 - August 15, 1990. (\$9988).

<u>Five Year Park Management and Development Plan, Clive Iowa.</u> Sub-Consultant. Funded by the City of Clive. Project completed for the Clive Park and Recreation Committee. May 21 - August 8, 1990. In cooperation with George Butler and Associates, INC, PC Engineers/Architects/Landscape Architects/Planners (Total Project Fee \$9000).

<u>Study of Iowa's Artificial and Natural Lakes</u>. Sub-Consultant. Funded by the Iowa State Legislature. Oct. 29 - Dec. 5, 1989. In cooperation with George Butler and Associates, INC, PC Engineers/Landscape Architects/Planners (Total project fee \$22,000).

Lake Red Rock Displaced Recreationist Study. Co-Investigator. Funded by the U.S. Soil Conservation Service and the U.S. Army Corps of Engineers, Sept. 1989 - Feb. 1990. (\$6,000). This study was an add on project to the larger Lake Red Rock Recreation Assessment, 1988 - 1990. (\$28,000).

<u>A Comparison of Commercial/Industrial and Recreational Use of the Upper Illinois Waterway.</u> Co-Investigator. Funded by the Illinois & Michigan Canal National Heritage Corridor and the Illinois Department of Commerce and Community Affairs, 1987-1988. (\$35,000).

<u>A Natural History of Public Works Development.</u> Principal Investigator. Funded in part by Oregon State Museum (Horner Museum), and the Oregon State University Department of Anthropology (Professor Thomas Hogg), 1982-1984. (Misc. expenses).

Social Media Contributions

- Manage Seacoast Study Facebook Page (356 followers)

 <u>https://www.facebook.com/nhseacoast.study/</u>
- Created and manage: Tourism in the News Lecture (Public Group)

 <u>https://www.facebook.com/groups/1788934008098480/</u>
- Created and Manage: USVI and UNH (Public Group)

 https://www.facebook.com/groups/385863438279840/
 - Created and Manage: UNH Zen Travelers (Public Group);
- Created and Manage. ONT Zen Travelets (Fubic Glob https://www.facebook.com/groups/742989952490910/
- Created and Manage: UNH Friends and Alumni (Public Group)

 https://www.facebook.com/groups/1562396120639873/
- Created and Manage: Social Impact Assessment
 - o https://www.facebook.com/groups/122242255171443/

Graduate Students

Master of Science-Thesis Committee Chair

- Lia Tosiello, Masters of Science in Environmental Conservation (Current)
- Rachel Mack, Masters of Science in Environmental Conservation 2008
- Erika Carlsen, Masters of Science (M.S.) Resource Administration and Management. 2005
- Joshua Wiersma, M.S. Resource Economics. 2005.
- Jeniffer Hafner, M.S. Resource Adminstration and Management. 2004
- Kim Pawlawski, M.S. Resource Administration and Management 2004
- Windy Garpo, M.S. Resource Administration and Management. 2002
- Laura Pfister, M.S. Resource Administration and Management. 1997
- Elizabeth Hanratty, M.S. Resource Administration and Management. 1995

Master of Science-Directed Research Chair

- Jodi Michaud. M.S. Resource Administration and Management 2004
- Richard Nichols. M.S. Resource Administration and Management. 2003
- Michael Izzard. M.S. Resource Administration and Management. 2002
- Michael Provost. M.S. Resource Administration and Management. 2001

Master of Science—Committee Member (partial list)

- Kerry L Flynn, MS Resource Administration and Management (Directed Research) 2014
- Maria L Lonardo-Roy, MS Resource Administration and Management (Thesis) 2014
- Allison Keating, MS Natural Resources—Wildlife Ecology (Directed Research) 2012
- Jaclyn Comeau, MS Natural Resources—Wildlife Ecology (Thesis) 2012
- Minda Henderson, M.S. Resource Administration and Management. 2005
- Cindy Dabrowski, M.S. Resource Administration and Management 2000
- Lori Chase, M.S. Resource Administration and Management. 1997
- Andy Seth, M.S. in Resource Administration and Management. 1996.
- Richard Cooksey, M.S. in Forestry, completed in 1995.
- Mary Elen-Belhower, M.S. Environmental Conservation. 1994
- Laura Gilbert, M.S. in Resource Administration and Management. 1994
- Joanna Whitcomb, M.S. in Resource Administration and Management. 1993

Ph.D. Committee Chair:

• Fabienne Lord-Fonseca. Ph.D. Student Natural Resources and Earth System Science (Co-Chair).

Ph.D. Committee Member (partial list)

- Mary Robertson Ph.D.—Natural Resources and Earth System Science.
- Verna DeLauer. Ph.D. Natural Resources and Earth System Science.
- Barb Snowadzky, Ph.D. Sociology. 2006.
- Lynda Brushett, Ph.D. Natural Resources. 2004.
- Judy Silverberg, Ph.D. Natural Resources. 2003.

Service Activities

- Memorial Union Board of Governors—Faculty Senate Representitive (2015-)
- Science and Statistics Committee---New England Fishery Management Council (2008-2011)
- New England Fishery Management Council—Socioeconomic Committee (1997-2007)
- Atlantic State Marine Fisheries Commission—Committee on Social and Economic Sciences
- Atlantic States Marine Fishery Committee–Lobster Committee
- University of New Hampshire Faculty Senate
- Student Affairs Committee of UNH Faculty Senate
- Northeast Recreation Research Conference-Executive Committee
- University Liaison--Northern New England Chapter of American Planning Association
- Advisory Committee Member--Statewide Comprehensive Outdoor Recreation Plan
- Stallwagen Bank National Marine Sanctuary Advisory Committee (at large seat alternate)
- NH Sea Grant Technical and Policy Advisory Committee (1998-2004)
- Interstate 93 Expansion Socio-Economic Expert Panel Member (2003)
- UNH Parking and Transportation Committee (1995-2003)
- Chaired faculty search committees and served on COLSA Dean Search Committee (2002)
- Northeast Region Aquaculture Center-Technical Advisory Committee (1998-2004)
- Bearbrook 4 H Camp Strategic Planning Committee--Office of the President (1999)
- Associate Editor Society and Natural Resources: An International Journal (1994-2000)

Organizations (memberships)

- Rural Sociological Society
- International Association for Impact Assessment
- International Association for Society and Natural Resource Management
- Association for Applied Anthropology
- New Hampshire Travel Council
- World Tourism Organization

Innovative Partnerships:

• <u>Cooperative Marketing Program between US Virgin Islands and the State of New Hampshire</u>. Preparing a preliminary Feasibility Study of a potential partnership between the Diageo International, US Virgin Islands Division of Tourism, USVI Port Authority, New Hampshire Liquor Commission, and NH Department of Tourism Planning and Development. This partnership would market USVI to customers of New Hampshire State Liquor Stores via a former marketing initiative sponsored by Diageo International and would market New Hampshire Tourism to the 2.2 million passengers visiting the USVI on cruise ships via a signing program at USVI Port Authority cruise ship terminals.

- Rockingham Planning Commission. A primary partner is the Rockingham Planning Commission (RPC). The RPC operates as a non-profit local government organization; the Commission serves in an advisory role to local governments in order to promote coordinated planning, orderly growth, efficient land use, transportation access, and environmental protection. There are 47 Commissioners and a professional planning staff of eleven. The RPC provides a broad array of planning assistance to 26 active member communities representing slightly over two hundred thousand people. Other audiences engaged during this reporting period were the 18 members of the New Hampshire Route 1A/1B Corridor Project Advisory Committee. This Advisory Committee includes 2 New Hampshire State Senators, 5 elected members of seacoast community's board of selectman or town councils, representatives of NH State Parks, local town beach commissioners and community planning board members, the executives of the 2 Seacoast Chamber of Commerce's, and representatives from a collection of non-profit organizations focused on environmental education and environmental conservation. There were 10 Official Meetings of the Advisory Committee during this reporting period. Each of these included a formal PowerPoint presentation updating the committee on the efforts associated with the Tourism Assessment. The advisory Committee is engaged to represent diverse communities of interest within New Hampshire's Seacoast region. Other target audiences include the 56,000 residents of the corridor communities and the 7.65 million visitors to NH Seacoast's major tourist destinations.
- <u>American Planning Association</u>. Created faculty liaison position with New England Chapter to actively engage UNH with planning professionals throughout the region. Mary Friedman is now serving in this position.
- <u>Portsmouth Fishing Coope</u>rative. Actively engaged with member of the Fishing Cooperative to improve public understanding of the importance of commercial fishing industry and represent commercial fishing on management advisory and technical committees.
- <u>Isles of Shoals Steamship Company</u>. Created learning partnership with an area tourism business. The owner provides students with free passes any public cruise and students prepare a focused seven page paper on experience. The owner reads highlighted papers and comes into the class room to validate student learning outcomes. The Owner (who also served as the Chair of Portsmouth Chamber of Commerce and her business was named Business of year) is the official corporate sponsor of the Traveling Wildcats (a UNH recognized Student Organization).
- <u>New Hampshire Travel Council.</u> Tourism Planning and Development students assist with the planning and management of the Annual Governor's Tourism Conference.
- <u>Portsmouth Chamber of Commerce</u>. Tourism Planning and Development students assist in the planning of the Annual Seacoast Tourism Summit and assist in planning and implementation of the Portsmouth Children's Day Festival.
- <u>National Marine Fishery Service Diversity Initiative</u>. Attended multiple meetings with representatives from seven HBCUs located in proximately to coastal areas. Stressed the importance of expanding the focus of the initiatives from the marine sciences to include the applied sciences. Continuing dialogue with faculty from Savannah State University.
- <u>New England Tourism Industry</u>. Coordinated the design of an innovative program in Tourism Planning and Development that requires a professional internship (13-15 weeks/40 hours per week

and students are not allowed to take other courses) and an independent study project that requires both an internal and external (to UNH) sponsor for project. These activities provide the foundation of a "learning partnership" that is a recognized success and provides direct benefits to the tourism industry, UNH students, faculty and the residents of New Hampshire.

• <u>Portsmouth Black Heritage Trail</u>. Tourism Planning and Development students (of color) have worked in close cooperation with the non=profit organization responsible for the trail. The trail has served as a focus for professional internships and independent study projects.

Interdisciplinary Experience

- <u>Caribbean Green Technology Center (CGTC)</u>. Sabbatical activities (12-25-2011/6-25-2011) included collaborative and synergistic activities with the CGTC, the Marine and Environmental Science Program and the College of Business at University of the Virgin Islands (St. Thomas). These activities were closely aligned with the strategic plans of both institutions and served to enhance the capacity for both institutions to provide a culturally diverse and economically sound, technologically relevant, environmentally sustainable future. 9
- <u>Natural Resource and Earth System Science</u>. A member of faculty of this multi-college interdisciplinary Ph.D. Program. Serve as advisor and committee member of students seeking degrees from this program. I also routinely attend faculty meetings for this program and communicate with program leadership.
- <u>Western Region Research Coordinating Committee</u>. The focus of the committee is the Reduction of Error in Rural and Agricultural Surveys. This committee meets once a year and share the results from research activities and coordinates experiments focused and identifying measurement error and response bias in sample surveys. The groups members includes a diverse array of disciplines from statisticians, methodologists, ecologists, sociologists and representatives from a variety of federal agencies with an interest in this topic.
- <u>Jeffries Ledge Project</u>. Co-Investigator on a multi-disciplinary, integrated research project focused on evaluating and monitoring the environmental and social impacts associated with the United States First and largest area closure.
- <u>State and Federal Advisory Committees</u>. Serve and have served on a wide range of State and Federal Advisory Committees representing the non-economic social sciences technical and scientific committees. These committee appointments include, but not limited to the Mississippi Parkway Commission, the Iowa State Lake Program Advisory Committee, the Federal Transportation Agencies Scenic Byway Committee, and NH Lakes Association Advisory (also see listing of service activities).
- <u>Farms, Forests, Fish and Fun</u>. Coordinated the development of a comprehensive proposal to develop a non-lab based science course focused on integrating the natural and social sciences in order to produce society ready graduates.
- <u>White Mountain National Forest Planning Process</u>. Assisted in the design of the Forest Management Plan for the White Mountain National Forest. I work as a part of multi-disciplinary team that provided the foundation for the plan development process. I was responsible for preplanning the socio-economic assessment and assisted with the forest recreation planning process (as a consultant to Penn State University). The resultant White Mountain National Forest Management Plan was the first not to be challenged in Federal Court.
- <u>Young Investigator Program in Coastal Ecology in Croatia</u>. Selected by the U.S. National Research Council to participate in the Young Investigator Program (YIP) to address issues associated with sustainable development in Croatia. Worked in association with a variety of agencies and organizations in with an interest in the management and protection of coastal resources. The YIP team an environmental engineer, a environmental lawyer, an environmental toxicologist, a political

scientists, a watershed hydrologist and myself.

- <u>Greater Baltimore Ecosystem Study Project</u>. The first "Long Term Ecological Research" (LTER) focused on an Urban Ecosystem. I took part in the planning and implantation of two major data collection and analysis projects in Cooperation with the US Forest System Ecosystem Study Unit, Yale School of Forestry, John Hopkins University, Mary Department of Natural Resources and the City of Baltimore. I completed a study of the stakeholder perspectives of the management of the cities water supply reservoirs. I am currently involved with a second applied project focused on the Washington Suburban Sanitary Commission (as a consultant).
- <u>Socio-Economic Assessment of the Northeast Consortium</u>. Principal Investigator on three projects focused on assessing the social and economic outcomes associated with an innovative program intended to support and encourage cooperative research initiative between commercial fishermen and university/agency scientists. The assessment included detailed quantitative and qualitative components with commercial fishermen and scientists representing a variety of disciplines in the natural, biological and bio-physical sciences.
- <u>Open Ocean Aquaculture Demonstration Project</u>. Represented the social sciences in a multimillion dollar (one of three in the nation) project focused on making the open ocean aquaculture a reality. My component of the project included working in close association with scientists, stakeholders and policy makers.
- <u>Iowa State University</u>. While a tenure-track faculty member at Iowa State University, I was an active member in ISU's inter-college Environmental Studies Program. I also was a member of Agri-ecology Issue Team of Iowa's Aldo Leopold Center for Sustainable Agriculture. I also designed an multi-department second major degree program focused on the human dimensions of natural resource use and development.
- <u>Illinois Michigan Canal National Heritage Corridor</u>. My dissertation research at the University of Illinois at U/C was funded cooperatively by the National Park Service and the Illinois Department of Commerce's Corridors' of Opportunity Program. The project required the stakeholder designed assessment of the social and environmental consequences of the U.S. first National Heritage Corridor.
- <u>Institute for Environmental Studies</u>. I completed my Ph.D. at the University of Illinois Institute for Environmental Studies. It was a standalone research institute focused on designing and applying an interdisciplinary approach to complex environmental problems. Institute consisted of tenured and tenure track faculty representing 13 disciplines, the Institute did not confer any degree but did support graduate students and was focused on externally supported research initiatives.
- <u>Masters of Arts in Interdisciplinary Studies</u>. Completed a self-designed master's degree program in interdisciplinary studies. My graduate committee was chaired by a cultural anthropologist, and included a sociologist and forest scientist, a historian and an ecologist. My master' thesis focused on the development of low-head hydroelectric dam in central Oregon.
- <u>Self-design Undergraduate Degree program</u>. Designed an undergraduate degree that included a mix of the natural and social sciences. It required an advisory committee and an oral and written defense both the focus of the degree and the specific course required. I was a veteran and a non-traditional student interested in the human dimensions of natural resource use and development, well before the term "human dimensions" was coined.

Recognition:

• I was named outstanding faculty member of the year 2006 by the Fraternities and Sororities on Campus. I was also listed in a peer reviewed article published in the Journal of Human Organization as a "Key Academic Social Scientist" in Fishery Research 1970-2005.

International Experience:

- <u>Foreign Exchange Programs</u>. Student and Faculty Exchange Program with Budapest University of Economic Sciences, and the Culinary Art Institute in Budapest, Hungary. Traveled and toured Hungary with Professor Dennis Meadow's seeking to develop a formal exchange program with both secondary education institutions and the tourism industry in Hungary. The trip resulted in a faculty member for Hungary coming to UNH to teach course in Tourism Planning at UNH. UNH went on to formally establish an exchange program with two Budapest Universities. I was also part of an international team charged with evaluating Culinary Arts Institute by European Union postsecondary accreditation program.
- <u>Curriculum Development</u>. The Tourism Planning and Development Program has an International focus area in International Tourism Development. This focus area requires language competency and an international experience. Many of the students (approximately half of the sixty majors) are in this option. Graduates of the program are currently working in a variety positions including two with the U.S. State Department, the U.S. Information Agency, and a variety of private sector positions in the tourism industry around the world. Many of the students with complete a dual major in International Affairs or dual major from the language departments.
- <u>Tourism and Global Understanding Course: The Art of Zen Travel</u>. This course provides the opportunity for students to comprehend the central role of tourism in national/international cross-cultural understanding, and provides students with an informed acquaintance with other culture's beliefs and values. The themes of the course are designed to help students understand how travel and tourism can serve as a mechanism for cultural understanding and personal transformation. The course is a general elective (not required by any program) that attracts over 100+ students each semester it is offered.
- <u>Student Advising</u>. A majority of Tourism Planning and Development majors study abroad or complete an international experience as part of their UNH educational experience.
- <u>Work Related Travel</u>. I have consulted and/or presented professional papers in Eastern Europe (Hungary and Croatia), Italy (Sardinia and Milan), Malta (Gozo), Netherlands, Mexico (Quanta Roo and Isla Mujeres), British Virgin Islands (Tortola, Virgin Gorda, Yost van Dyke, Norman Island, and Peter Island), Puerto Rico (San Juan, Vieques, and Culebra) and Spain. I completed a sabbatical (6 mos.) at the University of the Virgin Islands (a Historically Black College) and have visited at a month a year for the past 4 years. I had visited all of our National Parks by the time I was 16 and I have lived and worked in six different states. My time at the University of New Hampshire is longest I have ever lived anywhere since I left home to go to college at 17.