

## James Lavalette Anderson

Environmental & Natural Resource Economics  
University of Rhode Island  
1 Greenhouse Road  
Kingston, RI 02881 USA  
Ph: 401-874-4568; Fax: 401-782-4766  
e-mail: jla@uri.edu

### EDUCATION:

Ph.D. University of California, Davis, CA, 1983, Agricultural Economics  
M.S. University of Arizona, Tucson, AZ, 1978, Agricultural Economics  
B.S. College of William and Mary, Williamsburg, VA, 1976, Biology/Economics

### EXPERIENCE:

Department Chair: October 2001 to present.  
Professor: July 1994 to present.  
Associate Professor: July 1989 to June 1994.  
Assistant Professor: September 1983 to July 1989.  
Department of Environmental & Natural Resource Economics, University of Rhode Island, Kingston, RI.  
This position entails research and teaching at both undergraduate and graduate levels. Research and teaching interests include: economic analysis of marine resource policy and management; fisheries and aquaculture; seafood markets and international trade; quantitative methods; and dynamic models.  
Visiting Professor: August 1998-August 1999. Virginia Institute of Marine Science, College of William & Mary.

### PROFESSIONAL RECOGNITION AND HONORS:

1994 Article of the Year Award, Vukina, T. and J.L. Anderson, "An Adaptive Model of Perishable Inventory Dissipation in a Nonstationary Price Environment," *Agricultural and Resource Economics Review* (1995).  
Research Scientist of the Year Award, College of Environment and Life Sciences, University of Rhode Island (1994).  
Exceptional Merit Salary Increase, URI (1986).  
Outstanding Ph.D. Thesis Award, American Agricultural Economics Association (1984).  
Graduate Research Award, University of California, Davis (1982).  
Gamma Sigma Delta, Honorary Society of Agriculture (1978).  
Phi Sigma, Honorary Society of Biological Sciences (1975).

### PROFESSIONAL SERVICE:

Board of Directors, International Institute of Fisheries Economics and Trade (IIFET) (2002-2006).  
Co-chair, Committee on Non-native Oysters in the Chesapeake Bay, Ocean Studies Board, National Academy of Sciences (2002-2003).  
Editor, *Marine Resource Economics* (1999- ); Associate Editor (1992-1998).  
Editorial Board, *Aquaculture Economics and Management* (1996- ).  
Editor, *U.S. Seafood Trade Forecast Reports - Monthly* (1995- ) www.seafoodreport.com  
Reviewer of research program entitled, *Salmon Economics and Marketing*, for the Norwegian School of Economics & Business Administration, Bergen-Sandviken, Norway, (February 1-4, 1998).  
Principal Author, "A Strategic Plan for Rhode Island Aquaculture" (1996-1997).  
Member, Rhode Island Aquaculture Commission (1995-1996).  
Correspondent, *Fisheries Economics Newsletter* (1986-2001).  
Member, Technical Industry Advisory Council to the Northeast Regional Aquaculture Center (1987-1992; 1994-1996).

Advisor to the delegation representing the United States at the International Conference: Sustainable Contribution of Fisheries to Food Security, Kyoto, Japan, sponsored by Government of Japan in collaboration with the Food and Agriculture Organization of the United Nations (December 4-9, 1995).

Member, Northeast Regional Aquaculture Center Review Committee (1992).

Associate Editor, *Transactions of the American Fisheries Society* (1990-1992).

Member, Editorial Council, *Journal of Environmental Economics and Management* (1989-1991).

Member, National Academy of Science, National Research Council, Committee on "Assessment of Technology and Opportunities for Marine Aquaculture" (1988-1991).

Arbitrator, National Futures Association, Case 89-ARB-198, McDonough v. American Futures Group, *et al.* (1990).

## SELECTED PUBLICATIONS AND PRESENTATIONS:

### Books

Knapp, G., C.A. Roheim, and J.L. Anderson. 2006. *The Great Salmon Run: Competition between Wild and Farmed Salmon*. Traffic North America, World Wildlife Fund, Washington, DC, forthcoming.

National Research Council, Committee on Nonnative Oysters in the Chesapeake Bay (J.L. Anderson, Co-chair) *Nonnative Oysters in the Chesapeake Bay*. National Academy Press, Washington, DC (2004) 325 pp.

Anderson, J.L., *The International Seafood Trade*, CRC Press LLC, Boca Raton, FL and Woodhead Publishing Ltd., Cambridge, England (2003) 222 pp.

National Research Council, Committee on Assessment of Technology & Opportunities for Marine Aquaculture (J.L. Anderson, Member) *Marine Aquaculture: Opportunities for Growth*. National Academy Press, Washington, DC (1992) 290 pp.

### Refereed Articles

Valderrama, D. and J.L. Anderson. "Improving Utilization of the Atlantic Sea Scallop Resource: An Analysis of Rotational Management of Fishing Grounds," *Land Economics*, Vol. 83, No. 1, forthcoming, Feb. 2007.

Kristofersson, D. and J.L. Anderson. "Is There a Relationship between Fisheries and Farming? Interdependence of Fisheries, Animal Production and Aquaculture," *Marine Policy*, Vol. 30, No. 6 (2006):721-725, forthcoming,

Martinez-Garmendia, J. and J.L. Anderson. "Conservation, Markets, and Fisheries Policy: The North Atlantic Bluefin Tuna and the Japanese Sashimi Market," *Agribusiness*, Vol. 21 No. 1 (2005):17-36.

Baskaran, R. and J.L. Anderson. "Atlantic Sea Scallop Management: An Alternative Rights-based Cooperative Approach to Resource Sustainability," *Marine Policy*, 29 (2005):357-369.

Anderson, J.L. "Aquaculture and the Future: Why Fisheries Economists Should Care," *Marine Resource Economics*, Vol. 17 No. 2(2002):133-151.

Fong, Q.S.W. and J.L. Anderson. "International Shark Fin Markets and Shark Management: An Integrated Market Preference-Cohort Analysis of the Blacktip Shark (*Carcharhinus limbatus*)," *Ecological Economics*, Vol. 40(2002):117-130.

Carroll, M.T., J.L. Anderson, and J. Martinez-Garmendia, "Pricing U.S. Bluefin Tuna and Implications for Management," *Agribusiness*, Vol. 17 No. 2 (2001):243-254.

Martinez-Garmendia, J. and J.L. Anderson. "Premiums/Discounts and Predictive Ability of the Shrimp Futures Market," *Agricultural and Resource Economics Review*, Vol. 30 No. 2 (2001):160-167.

Martinez-Garmendia, J., J.L. Anderson, and M.T. Carroll, "Effect of Harvesting Alternatives on the Quality of U.S. North Atlantic Bluefin Tuna," *North American Journal of Fisheries Management*, Vol. 20, No. 4 (2000):908-922.

Martinez-Garmendia, J. and J.L. Anderson, "Hedging Performance of Shrimp Futures Contracts with Multiple Deliverable Grades," *Journal of Futures Markets*, Vol. 19, No. 8 (1999):957-990.

- Zucker, D.A. and J.L. Anderson, "A Dynamic, Stochastic Model of a Land-based Summer Flounder Aquaculture Firm," *Journal of the World Aquaculture Society*, Vol. 30, No. 2 (1999):219-235.
- Lombardi, W.M. and J.L. Anderson, "The Market Potential for Farmed Freshwater Finfish in Germany: A Focus on Catfish," *Aquaculture Economics and Management*, Vol. 2, No. 2 (1998):43-48.
- Zucker, D.A. and J.L. Anderson, "Implications of Choice Behavior and Preferences in Niche Markets," *Aquaculture Economics and Management*, Vol. 2, No. 2 (1998):61-70.
- Anderson, J.L., "The Growth of Salmon Aquaculture and the Emerging New World Order of the Salmon Industry," *Global Trends: Fisheries Management*, eds. Pikitch, E.K., D.D. Huppert and M.P. Sissenwine, American Fisheries Society, Bethesda, MD (1997):175-184.
- Anderson, J.L. and Q.S.W. Fong, "Aquaculture and International Trade," *Aquaculture Economics & Management*, Vol. 1, No. 1 (1997):29-44.
- Sylvia, G. and J.L. Anderson, "A Multilevel, Multiobjective Policy Model: The Case of Marine Aquaculture Development," *American Journal of Agricultural Economics*, Vol. 78, No. 1 (1996):79-88.
- Anderson, J.L., "Purchase Behavior, Food Safety, and Quality Control in Seafood and Aquaculture Marketing: Discussion," *American Journal of Agricultural Economics*, Vol. 77 (1995):1319-1321.
- Gu, G. and J.L. Anderson, "Deseasonalized State-Space Time-Series Forecasting with Application to the U.S. Salmon Market," *Marine Resource Economics*, Vol. 10, No. 2 (1995):171-185.
- Vukina, T. and J.L. Anderson, "An Adaptive Model of Perishable Inventory Dissipation in a Nonstationary Price Environment," *Agricultural and Resource Economics Review*, Vol. 23, No. 1 (1994):1-10, RI AES 2925.
- Vukina, T. and J.L. Anderson, "Price Forecasting with State-Space Models of Nonstationary Time Series: Case of the Japanese Salmon Market," *Computers and Mathematics with Applications*, Vol. 27, No. 5 (1994):45-62, RI AES 2822.
- Vukina, T. and J.L. Anderson, "State-Space Forecasting Approach to Optimal Intertemporal Hedging," *American Journal of Agricultural Economics*, Vol. 75 (May 1993):416-424, RI AES 2762.
- Anderson, J.L. and S. Bettencourt, "A Conjoint Approach to Model Product Preferences: The New England Market For Fresh and Frozen Salmon," *Marine Resource Economics*, Vol. 8, No. 1 (1993):31-47.
- Anderson, J.L. and S. Bettencourt, "Status, Constraints, and Opportunities For Salmon Aquaculture in the United States: A Review," *Marine Fisheries Review*, Vol. 54, No. 1 (1993):25-33.
- Wessells, C.R. and J.L. Anderson, "Innovations and Progress in Seafood Demand and Market Analysis," *Marine Resource Economics*, Vol. 7, No. 4 (1992):209-228.
- Anderson, J.G. and J.L. Anderson, "Seafood Quality Issues for Consumer Researchers," *Journal of Consumer Affairs*, Vol. 25, No. 1 (1991):144-163.
- Brooks, P.M. and J.L. Anderson, "Effects of Retail Pricing, Seasonality and Advertising on Fresh Seafood Sales," *Journal of Business and Economic Studies*, Vol. 1, No. 1 (1991):77-90.
- Emerson, W.E. and J.L. Anderson, "A Spatial Allocation Model for the New England Fisheries," *Marine Resource Economics*, Vol. 6, No. 2 (1989):123-144.
- Anderson, J.L. and J.E. Wilen, "Pricing Strategies for a Renewable Resource Industry Faced with Competing New Technology: The Case of Aquaculture and the Commercial Fishery," *Agriculture and Economic Instability. International Association of Agricultural Economists Occasional Paper No. 4* (1987):110-114.
- Anderson, J.L., "Allocating Harvests Between Competing Users in Fishery Management Decisions: Appropriate Measures for Valuation: Discussion," *Marine Fisheries Review*, 49 (1987):34-35.
- Anderson, J.L. and J.E. Wilen, "Implications of Private Salmon Aquaculture on Prices, Production and Management of Salmon Resources," *American Journal of Agricultural Economics*, Vol. 68, No. 4 (1986):866-879.

- Anderson, J.L., "Private Aquaculture and Commercial Fisheries: Bioeconomics of Salmon Ranching," *Journal of Environmental Economics and Management*, Vol. 12, No. 4 (1985):353-370.
- Anderson, J.L. and J.E. Wilen, "Estimating the Population Dynamics of Coho Salmon (*Oncorhynchus kisutch*) using Pooled Time-Series and Cross-Section Data," *Canadian Journal of Fisheries and Aquatic Sciences*, Vol. 42, No. 3 (1985):459-467.
- Anderson, J.L., "Market Interactions Between Aquaculture and the Common Property Commercial Fishery," *Marine Resource Economics*, Vol. 2, No. 1 (1985):1-24.
- Anderson, J.L., "Economic Assessment of Anaerobic Digestion Systems for Dairy Waste Disposal and Energy Recovery: Impact of Selected Institutional and Technological Changes," *Resources and Conservation*, 8 (1982):131-146.

#### Non-Refereed Articles

- Valderrama, D. and J.L. Anderson, "Designing Management Alternatives for the U.S. Atlantic Sea Scallop Fishery: Potential Contribution of Stock Enhancement Programs and Rotation of Fishing Areas," *IIFET 2004 Japan Proceedings*:1-12.
- Fong, Q.S.W. and J.L. Anderson, "Assessment of the Hong Kong Shark Fin Trade," *Infofish International*, 1/2000:28-32.
- Anderson, J.L., "The Role of Trade and Markets in Marine Resource Management: Implications for Korea," *Korea Observer*, Vol. XXX, No. 1 (Spring 1999):59-78.
- Anderson, J.L., "Salmon Market Dynamics," *Marine Resource Economics*, Vol. 7 No. 1 (1992):87-88.

#### Chapters in Books

- Anderson, J.L., "Property Rights, Fisheries, Aquaculture, and the Future." *In: Evolving Property Rights in Marine Fisheries*. Ed. by Leal, D.R. Rowman & Littlefield Publishers, Lanham, MD (2005):239-257.
- Anderson, J.L., "Aquaculture and the Future: Why Fisheries Economists Should Care." *In: Report of the Expert Consultation on International Fish Trade*, Rio de Janeiro, Brazil, December 2003. FAO Fisheries Report No. 744, Rome, Italy (2004):55-77.
- Anderson, J.L., "Aquaculture, Competition, and the Global Seafood Market." *In: Competitiveness within the Global Fisheries*. Proceedings of a Conference held in Akureyri, Iceland April 6-7 2000. Ed. by Gudmundsson, E. and H. Valtysson (2003):25-43.
- Anderson, J.L., "Fisheries," *Encarta 99-2003 Encyclopedia*, Microsoft Corporation, Redmond, WA (1998-2003).
- Sylvia, G., J.L. Anderson, and E. Hanson, "The New Order in Global Salmon Markets and Aquaculture Development: Implications for Watershed-based Management in the Pacific Northwest." *In: Sustainable Fisheries Management: Pacific Salmon*. Ed. by Knudsen, E.E., et al. New York: CRC Press LLC. 2000.
- Anderson, J.L., "Fish in a Competitive Environment," *In: Proceedings of the Groundfish Forum London*, ed. Moller, A., 19-21 Oct. Reykjavik, Iceland (1999):67-76.
- Bush, M.J., J.L. Anderson, and P.M. Brooks, "Northeast Aquaculture Industry: Situation and Outlook," *In: Proceedings of the Symposium on the Potential for Development of Aquaculture in Massachusetts*, eds. Castro, C. and S. Soares, NOAA Technical Memo NMFS-NE-109. (Jan. 1996).
- Anderson, J.L. and J.G. Anderson, "Fish Products in the USA: Perspectives and Implications For Food Security," *In: International Conference on Sustainable Contribution of Fisheries to Food Security*, Kyoto, Japan, 4-9 Dec. Technical Document KC/FI/95/TECH 10, FAO, Rome, Italy (1995):209-224.
- Kusakabe, Y. and J.L. Anderson, "Conjoint Analysis of the Japanese Salmon Market," *In: Proceedings of the Sixth Conference of the International Institute of Fisheries Economics and Trade, Volume I*, eds. Antona, M., J. Catanzano, and J.G. Sutinen, International Institute of Fisheries Economics and Trade, France (1994):427-436.

- Brooks, P.M. and J.L. Anderson, "The Northeast United States Market for Blue Mussels: Consumer Perceptions of Seafood Safety and the Demand for Mussels," *In: Proceedings of the Sixth Conference of the International Institute of Fisheries Economics and Trade, Volume I*, eds. Antona, M., J. Catanzano, and J.G. Sutinen, International Institute of Fisheries Economics and Trade, France (1994):463-483.
- Vukina, T. and J.L. Anderson, "Cross-Hedging Fishmeal with Soybean Meal Futures," *In: Proceedings of the Sixth Conference of the International Institute of Fisheries Economics and Trade, Volume II*, eds. Antona, M., J. Catanzano, and J.G. Sutinen, International Institute of Fisheries Economics and Trade, France (1994):1001-1014.
- Sylvia, G. and J.L. Anderson, "An Economic Policy Model for Net-Pen Salmon Farming," *In: Aquaculture: Models and Economics*, eds. Hatch, U. and H. Kinnucan, Westview Press, Boulder, CO (1993):17-39.
- Brooks, P.M. and J.L. Anderson, "Trends in the U.S. Market for Smoked Salmon," *In: Smoked Seafood Products*, eds. G. Pigott, J. Peters and P. Peyton. Institute of Food Science and Technology, University of Washington, Seattle, WA (1993):43-50.
- Anderson, J.L., "Marketing Aquaculture Products with General Reference to Aquaculture in the Caribbean," *In: Status and Potential of Aquaculture in the Caribbean*, eds. Hargraves, J. and D. Allston. *World Aquaculture*, Vol. 5. World Aquaculture Society, Baton Rouge, LA (1991):226-246.
- Sylvia, G. and J.L. Anderson, "A Multi-Level Aquaculture Policy Model: Application to Net-Pen Salmon Aquaculture," *In: Papers of the 1991 Annual Meeting of Western Agricultural Economics Assoc.*, Portland, OR, (July 7-10, 1991):199-205.
- Anderson, J.L. and Y. Kusakabe, "The Market for Fresh and Frozen Salmon Products: Some Results for the United States and Japan," *In: Special Session on Salmonid Aquaculture*, World Aquaculture Society, Feb. 16, 1989. Los Angeles, CA. Canadian Tech. Report of Fish. and Aqua Sciences. No. 1831 (Nov. 1991):153-167.
- Anderson, J.L., "Northeast U.S. Atlantic Salmon Farming Industry: Current Practice and Marketing Objectives." *In: The Atlantic Salmon Workshop, Qualicum Beach*, British Columbia, March 7-9 1990. Industry Development Report 90-4. British Columbia Ministry of Agriculture and Fisheries, Victoria, BC (1990):60-67.
- Anderson, J.L., P. Brooks and J. Gledhill, "The U.S. Market for Smoked Salmon: Results from a Nationwide Survey of Restaurants, Gourmet Stores and Retail Seafood Outlets," *In: Proceedings of the Aquaculture International Congress*, Vancouver, BC, Canada (September 1990):222-229.
- Kusakabe, Y. and J.L. Anderson, "Analysis of the Japanese Salmon Market," *In: Proceedings of the Aquaculture International Congress*, Vancouver, BC, Canada (September 1990):179-191.
- Anderson, J.L., "Viewpoints on Demand and Market Forecasting for Salmon," *In: Salmon Price Forecasting*, ed. D. DeVoretz. Simon Fraser University, Burnaby, BC, Canada (May 1989).
- Anderson, J.L., "Current and Future Market for Salmon in the United States," *In: Proceedings of the Aquaculture International Congress*, Vancouver, BC, Canada (September 1988):81-88.
- Anderson, J.L. and J.G. Anderson, "Economics and Seafood Quality," *In: Post Harvest Fisheries Losses*, ed. Michael Morrissey. ICMRD, URI, Kingston, RI (1988).
- Anderson, J.L., "Strategic Design and Marketing of Aquacultured Salmon Products," *In: Proceedings of Symposium of Seafood and Aquacultured Marketing*, August 1987, South Carolina Marine Resources Center (1987).
- Anderson, J.L. and J.E. Wilen, "Commercial Fisheries versus Aquaculture: Conflicts in the Northwest Salmon Fishery," *In: Proceedings of the Second Conference of the International Institute of Fisheries Economics and Trade*, Vol. 2: A Compendium of Papers on Seafood Trade and Markets, Oregon State University, Corvallis, OR (1985).

## Reports

- Northern Economics, Inc., J.L. Anderson, and Q. Fong, "The World Geoduck Market and the Potential for Geoduck Aquaculture on Washington State Lands," Prepared for the Washington Department of Natural Resources, (September 2004) pp. 84.

- Anderson, J.L., R.J. Johnston, S. Jancart, M. Carroll, and J. Martinez, and B.S. Gardiner, "A Strategic Plan for Rhode Island Aquaculture," Prepared for Rhode Island Legislative Commission on Aquaculture, Providence, RI (Feb. 1998) pp. 166.
- Anderson, J.L., W.M. Lombardi, C.R. Wessells, and M.J. Spatz, "Evaluation of the 1996/7 Salmon Marketers International Generic Marketing Campaign," Prepared for Salmon Marketers International, Vancouver, BC, Canada (June 1997) pp. 197.
- Anderson, J.L., "Evaluation of the Relationship Between Pre- and Post-harvest Practices and Responsible Fisheries Management," Prepared for the Organization for Economic Cooperation and Development (OECD), Paris, France (Feb. 1997) pp. 35.
- Sylvia, G. and J.L. Anderson, "Report to the Hatchery Policy Group of the Governor's Salmon Industry Response Cabinet," Prepared for The Alaska Hatchery Policy Group, Juneau, AK (Jan. 17, 1997) pp. 56 (plus Appendices).
- Spatz, M.J., J.L. Anderson, and S. Jancart, "Northeast Region Aquaculture Industry Situation and Outlook Report, 1994-1995," Northeast Regional Aquaculture Center/Rhode Island Experiment Station Report No. 3352. University of Rhode Island, Kingston, RI (June 1996) pp. 76.
- Archibald Bedard and J.L. Anderson, "An Analysis of Key Factors Affecting Demand for Fresh Salmon in the U.S. Market," Prepared for the BC Farmed Salmon Institute, British Columbia, Canada (March 1995) pp. 70.
- Anderson, J.L. and M.J. Spatz, "White Paper Aquaculture: An Assessment of Opportunities and Constraints in Rhode Island," Prepared for the Rhode Island Department of Administration, Division of Planning, Providence, RI (Nov. 1994) pp. 36.
- Anderson, J.L. and J.G. Anderson, "The Status of Seafood in the US: Hypotheses for Fish Consumption in 2010," Prepared for the Food and Agriculture Organization of the United Nations, Rome, Italy (October 1994) pp. 34.
- Anderson, J.L., "The Potential for Generic Promotion of Farm-Raised Salmon in the US," Prepared for the International Salmon Farmers Association (April 1994) pp. 22.
- Anderson, J.L., "Analysis of the U.S. Market for Clams and Scallops," Prepared for Atlantic LittleNeck ClamFarms, James Island, SC (Jan. 1994) pp. 38.
- Brooks, P.M. and J.L. Anderson, "Understanding the Meaning of Zero Consumption: Implications to Consumer Demand Analysis," Department of Resource Economics, University of Rhode Island, Kingston, RI (1994), RI AES 2934.
- Bush, M.J. and J.L. Anderson, "Northeast Region Aquaculture Industry Situation and Outlook Report," Northeast Regional Aquaculture Center/Rhode Island Agricultural Experimental Station Report No. 2917. University of Rhode Island, Kingston, RI (Nov. 1993) pp. 72.
- ARA, J.L. Anderson, M.C. Monfort, and Canning and Pitt Assoc., "Cultured Sea Scallop Market Study," Report prepared for the Newfoundland and Labrador Dept. of Fisheries, St. Johns (1993) pp. 118.
- Brooks, P.M. and J.L. Anderson, "Trends in the U.S. Market for Smoked Salmon," URI/OSU Research Paper Series, RI-93-105, A USDA Cooperative State Research Service Joint Research Project between The University of Rhode Island and Oregon State University (July 1993) pp. 23.
- Vukina, T. and J.L. Anderson, "An Adaptive Model of Perishable Inventory Dissipation in a Nonstationary Price Environment," URI/OSU Research Paper Series, RI-93-101, A USDA Cooperative State Research Service Joint Research Project between The University of Rhode Island and Oregon State University (Feb. 1993) pp. 23.
- Anderson, J.L. and S.U. Bettencourt, "A Conjoint Approach to Model Product Preferences: The New England Market for Fresh and Frozen Salmon," URI/OSU Research Paper Series, RI-92-110, A USDA Cooperative State Research Service Joint Research Project between The University of Rhode Island and Oregon State University (Nov. 1992) pp. 32.
- Vukina, T. and J.L. Anderson, "Price Forecasting with State-Space Models of Nonstationary Time Series: Case of the Japanese Salmon Market," URI/OSU Research Paper Series, RI-92-109, A USDA Cooperative State Research Service Joint Research Project between The University of Rhode Island and Oregon State University (Oct. 1992) pp. 36.

- Vukina, T. and J.L. Anderson, "Cross-Hedging Fishmeal With Soybean Meal Futures," URI/OSU Research Paper Series, RI-92-105, A USDA Cooperative State Research Service Joint Research Project between The University of Rhode Island and Oregon State University (July 1992) pp. 17.
- Vukina, T. and J.L. Anderson, "State-Space Forecasting Approach to Optimal Intertemporal Hedging," URI/OSU Research Paper Series, RI-92-104, A USDA Cooperative State Research Service Joint Research Project between The University of Rhode Island and Oregon State University (July 1992) pp. 43.
- Wessells, C.R. and J.L. Anderson, "Innovations and Progress in Seafood Demand and Market Analysis," URI/OSU Research Paper Series, RI-92-101, A USDA Cooperative State Research Service Joint Research Project between The University of Rhode Island and Oregon State University (May 1992) pp. 30.
- Kusakabe, Y. and J.L. Anderson, "Conjoint Analysis of the Japanese Salmon Buyer's Product Preferences: Market Analysis of Norwegian Farmed Salmon." Report 3/92. Center for Research in Economics and Business, Norwegian School of Economics and Business Administration, Bergen, Norway (1992) pp. 29.
- Anderson, J.L., "Substitute Products for Fresh Norwegian Salmon." Prepared for Vinson and Elkins, legal counsel for the Coalition for Fair Atlantic Salmon Trade, Washington, DC (Feb. 1991) pp. 36.
- Bettencourt, S. and J.L. Anderson, "Pen-Reared Salmonid Industry in the Northeastern United States." Northeast Regional University of Rhode Island, Kingston, RI (1990) pp. 243.
- Anderson, J.L. and Y. Kusakabe, "Analysis of the Japanese Salmon Market." Department of Fisheries and Oceans. Economic and Commercial Analysis Report No. 56. DFO. Vancouver, BC, Canada (1990) pp. 71.
- Kusakabe, Y. and J.L. Anderson, "Analysis of the Japanese Salmon Market: Part I," Report 25/89. Center for Applied Research, Norwegian School of Economics and Business Administration, Bergen, Norway (1989) pp. 53.
- Kusakabe, Y. and J.L. Anderson, "The Japanese Seafood Market: Salmon." Department of Fisheries and Oceans. Economic and Commercial Analysis Report No. 21. DFO. Ottawa, Ontario, Canada (1989) pp. 126.
- Anderson, J.L., J. Gledhill and Y. Kusakabe, "The Japanese Seafood Market: Herring Roe." Prepared for Fisheries and Oceans Canada (Feb. 1989) pp. 145.
- The DPA Group and J.L. Anderson, "Pacific Aquafoods Ltd.: Market Strategy Study." Prepared for National Sea Products, Halifax, Nova Scotia (July 1988) pp. 51.
- The DPA Group, J.L. Anderson and M. Hurst, "Market Access and Penetration Strategy: BC Farmed Salmon." Prepared for the BC Salmon Farmers Association, Vancouver, BC (March 1987) pp. 120.
- Anderson, J.L. and P. Brooks, "Conjoint Analysis of the New England Salmon Market." Prepared for the Fisheries and Oceans Canada (Fall 1986) pp. 107.
- Riely, P.L. and J.L. Anderson, "The Status of Atlantic Salmon Aquaculture." URI Marine Technical Report 92 (Spring 1986).
- Anderson, J.L., "Bioeconomic Interaction Between Aquaculture and the Common Property Fishery with Application to Northwest Salmon Resources." Ph.D. Thesis. University of California, Davis, CA (1983) pp. 253.
- Anderson, J.L., "Estimating the Learning Benefits from Research and Development in Anaerobic Digestion Systems for Animal Waste Disposal and Energy Recovery." M.S. Thesis. University of Arizona, Tucson, AZ (1978) pp. 100.

### Book Reviews

- Anderson, J.L., "Book Review: Bioeconomics of Aquaculture by Allen, Botsford, Schuur and Johnston," *Transactions of the American Fisheries Society*, Vol. 114, No. 4 (July 1985) p. 624.

### Other Publications in Journals

- Bettencourt, S. and J.L. Anderson, "Salmonicultura en la Costa Este de EE.UU.," Adapted by Ricardo Mendez Zamorano, *Aquanoticias Internacional*, Vol. 3, No. 9 (1991):30-37.

- Anderson, J.L., P.M. Brooks and J.F. Gledhill, "The U.S. Market for Smoked Salmon: Results from a Nationwide Survey of Restaurants, Gourmet Stores and Retail Seafood Markets," *American Seafood Institute Report*, Vol. 1, No. 6 (Dec. 1990):23-27.
- Kusakabe, Y. and J.L. Anderson, "The Japanese Seafood Market," *Seafood Supplier: A Supplement to Seafood Business*, (Nov./Dec. 1989):38-42.
- Anderson, J.L., "Using Market Research Tools to Understand the New England Salmon Market," *Maritimes*, Vol. 32, No. 1 (1988):11-13.
- Anderson, J.L. and T. Korneliussen, "Hvordan markedsforskning kan vaere til hjelp for norske fiskeoppdrettere; et eksempel fra USA," *Norsk Fiskeoppdrett*, Vol. 103, No. 3 (1988):80-84.
- Anderson, J.L., "The New England Salmon Market," *Bulletin of Aquaculture Association of Canada*, Vol. 88, No.2 (1988):6-11.

### **Presentations**

- Anderson, J.L., "Economic Analysis: Shrimp Outlook 2004," Invited presentation, Global Shrimp Outlook: 2004, Global Aquaculture Alliance, Bangkok, Thailand, November 11-14, 2004.
- Anderson, J.L., "Economic Analysis: Shrimp Outlook 2003," Invited presentation, Global Shrimp Outlook: 2003, Global Aquaculture Alliance, Cabo San Lucas, Mexico, October 21-24, 2003.
- Anderson, J.L., Testimony, Oversight Hearing on the Efforts to Introduce Non-native Oyster Species to the Chesapeake Bay, U.S. House of Representatives, Committee on Resources, Subcommittee on Fisheries Conservation, Wildlife and Oceans, Annapolis, MD, October 14, 2003.
- Anderson, J.L., Public Briefing, Non-native Oysters in the Chesapeake Bay, National Research Council, National Academy of Sciences, Washington, DC, August 14, 2003.
- Anderson, J.L., "The Future of Seafood Supply," presented at Seafood Summit 2003, Providence, RI, July 24.
- Anderson, J.L., "Fisheries and Aquaculture: The Path to the Future," presented at the 50th Anniversary of the Fisheries Economics Centre, Bergen, Norway, June 11, 2003.
- Anderson, J.L., "Fisheries and Aquaculture: The Path to the Future," presented at the SeaFIC Conference, May 30, 2003.
- Anderson, J.L., "The Future of Fisheries and Aquaculture," presented at North American Association of Fisheries Economists, Williamsburg, VA, May 5-7, 2003.
- Anderson, J.L., "Global Aquaculture and the Future: Who will lead?," Invited presentation, Northeast Aquaculture Conference and Expo, Warwick, RI, November 15-16, 2002.
- Anderson, J.L., "Economic Analysis: Shrimp Outlook 2002," Invited presentation, Global Shrimp Outlook: 2002, Global Aquaculture Alliance, Bali, Indonesia, September 23-27, 2002.
- Anderson, J.L. "Property Rights, Fisheries, Aquaculture and the Future," Invited presentation, PERC's Thirteenth Political Economy Forum, Evolving Property Rights in Marine Fisheries, Big Sky, MT, March 20-24, 2002.
- Anderson, J.L., "Economic Analysis: Shrimp Outlook 2001," Invited presentation, Global Shrimp Outlook: 2001, Global Aquaculture Alliance, Singapore, November 27-29, 2001.
- Anderson, J.L., "The Competitiveness of Aquaculture and Trade in Seafood: Winners and Losers," Invited presentation, Workshop on Economics of Global Aquaculture: Growth and International Trade, Utstein Kloster, Stavanager, Norway, May 20-21, 2001.
- Martinez-Garmendia, J. and J.L. Anderson, "The Economic Value of Forecasts in Seafood Trade," Invited presentation, First North American Fisheries Economics Forum, New Orleans, LA, April 1-4, 2001.

- Martinez-Garmendia, J. and J.L. Anderson, "Incorporating Market Information in the Management of the U.S. North Atlantic Bluefin Tuna," Invited presentation, First North American Fisheries Economics Forum, New Orleans, LA, April 1-4, 2001.
- Anderson, J.L., "Aquaculture, Competitiveness, and Regulation," Invited presentation, How to Farm the Seas, Vancouver, BC, Canada (Feb. 14-18, 2001).
- Anderson, J.L., "Fishing, Farming, and Fish Farming: Competitiveness and Regulation," Invited presentation, How to Farm the Seas, Prince Edward Island, Canada (September 28-30, 2000).
- Anderson, J.L. and M.L. Soboil, "Impact of Fishery Enhancement Subsidies on International Trade and Fisheries," Tenth Conference of the International Institute of Fisheries Economics and Trade, Corvallis, OR (July 9-15, 2000).
- Fong, Q.S.W. and J.L. Anderson, "From Shark Fin Markets to Shark Populations: An Integrated Market Preference - Cohort Analysis of the Blacktip Shark (*Carcharhinus limbatus*)," Tenth Conference of the International Institute of Fisheries Economics and Trade, Corvallis, OR (July 9-15, 2000).
- Gudmundsson, E. and J.L. Anderson, "Asset Pricing, Derivatives and Futures Trading for Harvesting Rights to Renewable Resources," Tenth Conference of the International Institute of Fisheries Economics and Trade, Corvallis, OR (July 9-15, 2000).
- Martinez-Garmendia, J. and J.L. Anderson, "An Examination of the Shrimp Futures Market," Tenth Conference of the International Institute of Fisheries Economics and Trade, Corvallis, OR (July 9-15, 2000).
- Martinez-Garmendia, J., J.L. Anderson, and M.T. Carroll, "Incorporating Market Information in the Management of the US North Atlantic Bluefin Tuna," Tenth Conference of the International Institute of Fisheries Economics and Trade, Corvallis, OR (July 9-15, 2000).
- Anderson, J.L., "Aquaculture, Competition, and the Global Seafood Market," Invited presentation, Competitiveness within the Global Fisheries, Akureyri, Iceland (April 6-7, 2000).
- Anderson, J.L., "The Competitiveness of Aquaculture vs. wild Fisheries," Invited presentation, WCC 109 Conference, Honolulu, HI (Jan. 21-25, 2000).
- Anderson, J.L., "Trends in Seafood Markets and Trade: Aquaculture versus Wild Fisheries," Invited presentation, 5th Joint Meeting Atlantic Fisheries Technology Conference, "New Partnerships for Sustained Growth in Fisheries," Atlantic Beach, NC (Nov. 10-14, 1999).
- Anderson, J.L., "Fish in a Competitive Environment," Invited presentation, The Groundfish Forum VII, London, UK (Oct. 19-21, 1999).
- Anderson, J.L. and J. Martinez, "Potential Role of Futures Markets in Fisheries," Invited presentation, Korea-America Joint Marine Policy Research Center Second Annual Korean-U.S. Marine Policy Forum, Coastal Institute, Narragansett Bay Campus, University of Rhode Island, Narragansett, RI (June 14-15, 1999).
- Anderson, J.L., "Use of Economics of Natural Resource Management," Seminar: Public Policy Program, College of William & Mary, Williamsburg, VA (Apr. 16, 1999).
- Anderson, J.L., "Market Information and Fisheries Management: North Atlantic Bluefin Tuna," Seminar: Virginia Institute of Marine Science, College of William & Mary, Gloucester Point, VA (Mar. 26, 1999).
- Anderson, J.L., "The Role of Trade and Markets in Marine Resource Management: Implications for Korea," Invited presentation, The First Annual Korea-U.S. Marine Policy Forum, Novotel Kangnam, Seoul, Korea (Oct. 22-23, 1998).
- Fong, Q.S.W. and J.L. Anderson, "Assessment of Hong Kong Shark Fin Trade: Implications for Fishery Management," The 128<sup>th</sup> Annual Meeting of the American Fisheries Society, Hartford, CT (Aug. 23-27, 1998).
- Anderson, J.L. and D.A. Zucker, "Economic Analysis of Land-based Summer Flounder Aquaculture Systems Under Uncertainty," Invited presentation, The Second International Conference on Recirculating Aquaculture, Roanoke, VA (July 16-19, 1998).

- Fong, Q.S.W. and J.L. Anderson, "Assessment of Hong Kong Shark Fin Trade," The Ninth Biennial Conference of the International Institute of Fisheries Economics and Trade, Tromsø, Norway (July 8-11, 1998).
- Anderson, J.L., "Salmon Market Situation and Outlook," Invited presentation, The Second Annual Salmon Summit--The International Boston Seafood Show, Boston MA (March 10-12, 1998).
- Lombardi, W.M. and J.L. Anderson, "The Market Potential for Farmed Finfish in Germany: A Focus on Catfish," World Aquaculture Society Meetings, Las Vegas, NV (Feb. 15-19, 1998).
- Martinez-Garmendia, J. and J.L. Anderson, "Analysis of the Delivery Premium/Discounts on the Revenues Derived from Short Hedging Strategies Using Shrimp Futures Contracts," World Aquaculture Society Meetings, Las Vegas, NV (Feb. 15-19, 1998).
- Zucker, D. and J.L. Anderson, "A Dynamic, Stochastic Model for Aquaculture: A Case Study of Land-based Summer Flounder Production," World Aquaculture Society Meetings, Las Vegas, NV (Feb. 15-19, 1998).
- Zucker, D. and J.L. Anderson, "Modeling Preferences for Sushi Quality Summer Flounder (*Paralichthys dentatus*)," World Aquaculture Society Meetings, Las Vegas, NV (Feb. 15-19, 1998).
- Anderson, J.L., "Outlook for the New England Aquaculture Industry," Invited presentation, 42<sup>nd</sup> Atlantic Fisheries Technological Conference, Newport, RI (Nov. 8-11, 1997).
- Anderson, J.L., "Sushi Chef Preferences for Summer Flounder (*Paralichthys dentatus*)," Invited presentation, 42<sup>nd</sup> Atlantic Fisheries Technological Conference, Newport, RI (Nov. 8-11, 1997).
- Anderson, J.L., "A Strategic Plan for Rhode Island Aquaculture," Invited presentation, Rhode Island Second Annual Aquaculture Conference, Warwick, RI (October 8-9, 1997).
- Anderson, J.L., Overview of Trade in Fishery Products: Perspective on Constraints to Trade and Fisheries Management," Invited presentation, Pacific Economic Cooperation Committee (PECC) Symposium: The Interrelationship Between Fisheries Management and International Trade, Wellington, New Zealand (Nov. 24-26, 1996).
- Anderson, J.L. and C.R. Wessells, One-day short course on International Seafood Trade, Presented to the staff of the Foreign Agriculture Service, USDA, Washington, DC (July 16, 1996).
- Anderson, J.L., Primary lecturer for a two-day seminar, "Salmon 2001: Planificatido para el Nuevo Milenio," Presented to the Chilean Salmon Industry, Puerto Montt, Chile (May 16-17, 1996).
- Anderson, J.L., "Market Trends for Farmed Salmon and Implications for Offshore Culture," Invited presentation, Open Ocean Aquaculture Conference, Portland, ME (May 8-10, 1996).
- Anderson, J.L. and G. Sylvia, "Aquaculture and the New World Order in Global Salmon Markets: Implications for Salmon Industries in the Pacific Northwest," Invited presentation, Sustainable Fisheries Conference, Victoria, BC, Canada (April 27-30, 1996).
- Sylvia, G. and J.L. Anderson, "Economic Evaluation of Public and Private Salmon Ranching and Commercial Fisheries," Invited presentation, Sustainable Fisheries Conference, Victoria, BC, Canada (April 27-30, 1996).
- Anderson, J.L., "Overview of the USA Seafood Market, 2000 and Beyond," Keynote Speaker, National Fisheries Institute/Fisheries Council of Canada Joint 50th Anniversary Convention, Boston, MA (October 11-15, 1995).
- Anderson, J.L., "Overview of Global Aquaculture," Aquaculture Briefing, sponsored by the Rockefeller Bros. Fund, Smithsonian Institute, Washington, DC (June 2, 1995).
- Anderson, J.L. and G. Gu, "Deseasonalized State-Space Time-Series Forecasting with Application to the Salmon Market," World Aquaculture Society Meetings, San Diego, CA (Feb. 1-5, 1995).
- Anderson, J.L. and T. Clark, "Potential for Shrimp Futures," World Aquaculture Society Meetings, San Diego, CA (Feb. 1-5, 1995).
- Anderson, J.L., "Price Forecasting for Salmon," Invited presentation, Pacific States Marine Fisheries Commission, 47th Annual Meeting, Seattle, WA (Oct. 1-4, 1994).

- Anderson, J.L., "The Growth of Salmon Aquaculture and the Emerging New World Order of the Salmon Industry," Invited presentation, The Symposium on Fisheries Management--Global Trends, Seattle, WA (June 14-16, 1994).
- Anderson, J.L. and T. Vukina, "An Adaptive Model of Salmon Inventory Dissipation in a Nonstationary Price Environment," International Conference on Fisheries Economics, Oslo, Norway (May 26-28, 1993).
- Brooks, P.M. and J.L. Anderson, "The Northeast United States Market for Blue Mussels, Consumer Perceptions of Seafood Safety and Demand for Mussels," Sixth Conference of the International Institute of Fisheries Economics and Trade, Paris, France (July 6-9, 1992).
- Kusakabe, Y. and J.L. Anderson, "Conjoint Analysis of Japanese Salmon Buyer Preferences," Sixth Conference of the International Institute of Fisheries Economics and Trade, Paris, France (July 6-9, 1992).
- Vukina, T. and J.L. Anderson, "Cross-Hedging Fishmeal with Soybean Meal Futures," Sixth Conference of the International Institute of Fisheries Economics and Trade, Paris, France (July 6-9, 1992).
- Anderson, J.L., "The U.S. Market for Farmed Salmon," Invited presentation, The National Extension Aquaculture Workshop, Ferndale, AR (March 3-7, 1992).
- Anderson, J.L., "Supply and Demand for Salmon in the U.S.," Invited presentation, Mercado Para el Salmon Fresco en EE.UU., Sponsored by the Chilean Salmon and Trout Producers Association, Puerto Montt, Chile (Nov. 12-13, 1991).
- Anderson, J.L., "Status and Marketing of Farmed Salmon," Invited presentation, The Maine Fishermen's Forum, Rockland, ME (March 8-10, 1991).
- Anderson, J.L., "Constraints and Opportunities for Atlantic Salmon Aquaculture in the United States," American Association for the Advancement of Science Annual Meeting, Washington, DC (Feb. 15-19, 1991).
- Anderson, J.L., "Marketing and the Low Price of Lobster," Invited presentation, Rhode Island Lobstermen's Association Annual Meeting, Wakefield, RI (Jan. 1991).
- Anderson, J.L. and C. Wessells, "The State of the Art in Demand Analysis and Market Research in Fisheries and Aquaculture," Keynote Presentation, Vth Conference of the International Institute of Fisheries Economics and Trade, Santiago, Chile (Dec. 3-6, 1990).
- Kusakabe, Y. and J.L. Anderson, "Analysis of the Japanese Salmon Market," Aquaculture International Congress, Vancouver, BC, Canada (Sept. 3-6, 1990).
- Anderson, J.L., P. Brooks and J. Gledhill, "The U.S. Smoked Salmon Market," Aquaculture International Congress, Vancouver, BC, Canada (Sept. 3-6, 1990).
- Anderson, J.L., "Understanding Seafood Trade and Marketing for Improved Management of Fisheries and Aquaculture," American Agricultural Economic Association Meeting, Vancouver, BC, Canada (August 1990).
- Anderson, J.G. and J.L. Anderson, "Quantitative Techniques for Analyzing Consumer Choice Decisions: The Case of Seafood Quality and Safety Issues," Second International Conference of Research in the Consumer Interest, Snowbird, UT (August 1990).
- Anderson, J.L., "Salmon Market Research: Implications for the U.S. Trout Industry," Conference on Fish Quality and Sanitation, Twins Fall, Idaho (April 29-30, 1989).
- Anderson, J.L. and Y. Kusakabe, "The Market for Fresh/Frozen Salmon Products: Some Results for the U.S. and Japan," The World Aquaculture Society Meeting, Los Angeles, CA (Feb. 12-17, 1989).
- Anderson, J.L., "Strategic Marketing for Caribbean Aquaculture," The Status and Potential of Aquaculture in the Caribbean, Invited presentation, St. Thomas, U.S. Virgin Islands (Nov. 11-12, 1988).
- Anderson, J.L., "An Overview of the Japanese Herring Roe Market," Invited presentation, The Extension Department, St. Xavier University, Antigonish, Canada (Oct. 14, 1988).
- Anderson, J.L., "Current and Future Market for Salmon in the U.S.," Invited presentation, The Aquaculture International Conference, Vancouver, BC, Canada (October 1988).

- Anderson, J.L., "Analysis of the U.S. Market for Fresh and Frozen Salmon," Invited presentation, International Seminar: Comportamiento, Tendencias y Proyecciones de los Mercados para el Salmon, Santiago, Chile (June 22-23, 1988).
- Anderson, J.L., "Salmon Market Research," Graduate Seminar, Simon Fraser University, Burnaby, BC, Canada (Feb. 8, 1988).
- Anderson, J.L., "Optimal Marketing Approaches for Aquacultured Salmon," Annual Meeting of World Aquaculture Society, Honolulu, Hawaii (Jan. 2-9, 1988).
- Anderson, J.L., "The Use of Marketing Research to Assist in the Development of International Marketing Strategies for the Salmon Aquaculture Industry," 117th Annual Meeting of American Fisheries Society, Winston-Salem, NC (Sept. 13-17, 1987).
- Anderson, J.L., "An Overview of Aquaculture in Rhode Island," Northeast Aquaculture Conference, Portland, ME (Aug. 30 - Sept. 1, 1987).
- Anderson, J.L., "The Use of Marketing Research for the Aquaculture Industry," Northeast Aquaculture Conference, Portland, ME (Aug. 30 - Sept. 1, 1987).
- Anderson, J.L., "Strategic Design and Marketing of Aquacultured Salmon Products," Symposium on Seafood and Aquacultural Markets, Charleston, SC (Aug. 12-17, 1987).
- Anderson, J.L., "The Role of Policies, Institutions, and the Market in the Commercialization of Aquaculture," Seminar at ESPOL, Guayaquil, Ecuador (Sept. 26, 1987).
- Anderson, J.L., "Strategic Design and Marketing of Aquacultured Products," Annual Meeting of the World Aquaculture Society, Guayaquil, Ecuador (January 18-23, 1987).
- Anderson, J.L., "Allocating Harvests Between Competing Users in Fishery Management Decisions - Appropriate Measures for Valuation: Discussion," 116th Annual Meeting of the American Fisheries Society, Providence, RI (Sept. 14-18, 1986).
- Anderson, J.L., "Selected Quantitative Methods for Evaluating Strategic Behavior in the Food Marketing System," Northeastern Agricultural and Resource Economics Assoc. Meetings, Morgantown, WV (June 23-25, 1986).
- Anderson, J.L., "Seafood Marketing in the Northeast," Annual Meeting of the Northeast Agricultural Marketing Committee, Seven Springs, PA (June 18-20, 1986).
- Anderson, J.L. and J.E. Wilen, "Pricing Strategies for a Renewable Resource Industry Faced with Competing New Technology: The Case of Aquaculture and the Commercial Fishery," XIX International Conference of Agricultural Economists, Malaga, Spain (Aug. 26 - Sept. 4, 1985).
- Anderson, J.L. Invited discussant of several research studies at a Workshop on Salmon Price Forecasting, Sponsored by the Canadian Department of Fisheries, Vancouver, BC, Canada (June 5-6, 1985).
- Anderson, J.L., "Seafood Distribution," Presented at the Developments in Seafood Marketing Seminar, Narragansett Bay Campus, URI (March 15, 1985).

**OTHER:**

- Anderson, J.L., Testimony presented before the U.S. International Trade Commission in the matter of: Fresh Atlantic Salmon From Chile. For Arnold & Porter, representing the Association of Chilean Salmon and Trout Producers, Washington, DC (June 1998).
- Anderson, J.L., Expert witness regarding The Effect of the *Exxon Valdez* Oil Spill on Alaskan Salmon and Herring Roe Prices. For Exxon Co. USA, Anchorage, AK (July 1994).
- Anderson, J.L., Expert witness regarding The Impact of the *Glacier Bay* Oil Spill on Salmon Prices in Upper Cook Inlet. For Bradbury, Bliss and Riordan, representing Trinidad Corporation, Anchorage, AK (Aug. 1991).
- Anderson, J.L., Testimony presented before the U.S. International Trade Commission in the matter of: Fresh and Chilled Atlantic Salmon From Norway. For Vinson and Elkins, representing the Coalition for Fair Atlantic Salmon Trade, Washington, DC (Feb. 1991).

**RESEARCH AND GRANTS:**

1. Economics of Offshore Marine Aquaculture. NOAA, NMFS: \$37,970 and tuition waiver, \$15,995. 2005-06.
2. Measuring the Impact of Imports on Domestic Shrimp Price. USDA, ERS: \$25,000 and tuition waiver, \$14,250. 2004-05.
3. Economic Analysis of Alternative Sea Scallop Management. NOAA, NMFS: \$109,894. 2004-05.
4. Bringing Resource Economics to Life: Developing New Experiential Learning Modules for More Effective Teaching in ENRE (J. Anderson, J. Sutinen and C. Anderson). CELS Experiential Learning Initiative: \$4,950. 2002.
5. Improving Seafood Market Information Based on Advanced Forecasting Techniques (J. Martinez & J. Anderson). United States Department of Agriculture, Cooperative State Research, Education and Extension Service (CSREES), Small Business Innovation Research Grant: \$69,420. 2000-01.
6. Assessment of Atlantic Bluefin Tuna Markets (Principal Investigator). URI Cooperative Marine Education and Research Program (CMER): \$47,997. 1997-98.
7. Economic Feasibility Analysis of Recirculating Systems for Shellfish and Finfish Aquaculture (Principal Investigator). CMER 97-C3: \$24,620. 1997-98.
8. The Use of Closed Areas as a Fisheries Management Tool for the New England Groundfish Fishery: A Bioeconomic Analysis (Principal Investigator with J. Sutinen). Total Funding: \$46,838 (Sea Grant: \$29,415; Matching: \$17,423), 1997-98.
9. Economic Analysis of Land-based Aquaculture of Summer Flounder (Principal Investigator). Sea Grant: \$103,796. 1995-98.
10. Strategic Plan for Aquaculture Development in Rhode Island (Principal Investigator). RI Economic Development Corporation: \$40,000. 1996-97.
11. Post-harvest Practices and Responsible Fisheries Management (Principal Investigator). Organization for Economic Cooperation and Development (OECD): \$9,000. 1996-97.
12. Evaluation of Salmon Marketers International 1996/97 Consumer Marketing Campaign (Principal Investigator). Salmon Marketers International: \$108,000. 1996-97.
13. Second Situation and Outlook for Northeast Aquaculture (Principal Investigator). Northeast Regional Aquaculture Center: \$19,000. 1995-96.
14. Buyer Preferences for Fish Products: Assessment of European Markets (Principal Investigator with C. Engle, Univ. of Arkansas). National Research Initiative Competitive Grants Program, USDA. Total Funding: \$129,469 (URI: \$48,206). 1994-96.
15. Analysis of Aquacultural and Seafood Markets: Public Policy, Consumer Behavior, and Industry Relationships. (Principal Investigator with C. Wessells). CSRS, USDA: \$161,027, 1992-93; \$160,915, 1993-94; \$160,512, 1994-96.
16. Situation and Outlook for Northeast Aquaculture (Principal Investigator). Northeast Regional Aquaculture Center: \$34,000. 1992-93.
17. NEC/H176, Private Strategies, Public Policy and the Food Marketing Systems. USDA Hatch Funding. 1987-92.
18. An Economic Analysis of the U.S. Market for Blue Mussels (Principal Investigator with P. Brooks). URI/NOAA CMER: \$36,000. 1989-91.
19. Analysis of the Economics of Marketing Farmed Finfish in the Northeast. Lead Principal Investigator (7 other principal investigators at 3 institutions). Northeast Regional Aquaculture Center: Total funding \$235,476 (URI, Cornell, UMD); \$122,976 (URI only), 1988-91.
20. The North American Smoked Salmon Market (Principal Investigator). Fisheries and Oceans Canada: \$8,500. 1989.
21. The Smoked Mackerel Market (Co-principal Investigator with GTA Fisheries Consultants). Fisheries and Oceans Canada: \$22,000. 1989.

22. The Japanese Herring Roe Market (Principal Investigator): Fisheries and Oceans Canada: \$22,000. 1988.
23. World Markets for Salmon (Cooperating Investigator with Seafare Inc.). State of Alaska: \$20,000. 1988.
24. USDA Fellowships in Seafood Marketing (with T. Weaver). The Department received three fellowships for \$45,000/yr for a duration of three years, 1985-88.
25. Economic Analysis of the Japanese Salmon Market (Principal Investigator). SAF Center for Applied Research, Norwegian School of Economics and Business Administration, URI Foundation: \$5,000. 1988.
26. Conjoint Analysis of Salmon Markets (Principal Investigator). Department of Fisheries and Oceans, Canada: \$16,100. 1986.
27. An Economic Analysis of the Atlantic Salmon Aquaculture Industry and its Potential in New England (Principal Investigator). Sea Grant Sponsored, #531840: \$32,218. 1985-86.
28. Retail Value of Extended Seafood Shelflife (Principal Investigator). Sea Grant Sponsored, #531548, M/PD-8407 \$18,064; Match \$4,799, 1984-85.
29. An Economic Analysis of the Atlantic Salmon Aquaculture Industry (Principal Investigator). Sea Grant Sponsored, #531532, M/PD-8408, \$23,215, 1984-85.

#### TEACHING:

##### Undergraduate:

**REN 441: Markets, Trade and Natural Resources.** This course provides an overview of the economics, policies, regulation, institutional structure, and operation of the seafood, and natural resource sectors. Emphasis is placed on how international trade, food and natural resource policy, pricing systems (such as futures markets), and ecolabeling will likely influence efficient natural resource use.

**REN 435: Aquacultural Economics.** This course covers global and domestic trends in aquaculture development, interaction between aquaculture and traditional fisheries, use conflicts in the coastal zone, policy and regulatory issues, and firm-level decision making.

##### Graduate:

**REN 502: Research Methodology in Applied Environmental & Natural Resource Economics.** This course introduces students to the practice and methods of applied research in environmental and natural resource economics. Topics include philosophical foundations, the role of economic research in public decision making, research project design, reporting technical research results, and constructive criticism of proposals and research papers. Much of this course will involve examining and discussing successful proposals and high-quality published research.

**REN 525: Dynamic Economic Models.** This course explores the use of control theory and other dynamic methods to evaluate problems in natural resource economics. One-half of the course focuses on technical aspects of solving dynamic problems, and half focuses on application to resource issues, such as: optimal fisheries management, non-renewable resource extraction, and other environmental regulation.

**REN 545X: Topics in Natural Resource Markets and Trade** This course covers the use of theoretical and empirical approaches to evaluate the influence of the market on natural resource use and environmental practices. Topics include: price determination mechanisms and dynamics in natural resource prices, trade barriers (i.e., tariffs and embargoes), and ecolabeling as methods to influence environmental behavior.

**REN 610: Environmental Damage Assessment.** This team-taught course focuses on the regulations associated with environmental damages and the process by which environmental damages are determined. The core of this course centers around detailed evaluation of damage determination in the *Exxon Valdez* oil spill case, including specific documents and testimony from the trial.

#### GRADUATE STUDENTS - Major Professor:

Baskaran, R., Ph.D. 2004. "Essays on Fisheries Management."

Martinez-Garmendia, J., Ph.D. 2000. "Hedging Effectiveness, Market Efficiency and Forecasting in the Shrimp Futures Market."

- Fong, Q.S.W., Ph.D. 1999. "Assessment of Asian Shark Fin Trade and Implications for Shark Management." Thomas F. Weaver Award for Outstanding Contributions to the Academic Community, University of Rhode Island.
- Jancart, S., M.S. 1999. "Public versus Private Enterprise: An Evaluation of Fish Hatchery Production Costs."
- Carroll, M., M.S. 1998. "An Assessment of the Atlantic Bluefin Tuna Market: The Economic Implications for Management Plans."
- Lewis, W., M.S. 1998. "Valuation of Pacific Halibut Quota Shares In Alaska."
- Zucker, D., Ph.D. 1998. "Economic Analysis of Summer Flounder Aquaculture."
- Lombardi, W.M., M.S. 1997. "The Market for Freshwater Aquaculture Products in Germany: A Focus on Carp and Catfish."
- Spatz, M.J., M.S. 1997. "Evaluation of Northeast U.S. Aquaculture Producer Expectations and Perceived Constraints to Industry Growth."
- Littenberg, J., M.S. 1996. "An Analysis of Potential Hard Clam Relay Programs for Rhode Island."
- Clark, T., M.S. 1995. "The Evaluation of the Shrimp Futures Contract Initiated by the Minneapolis Grain Exchange in 1993."
- Glick, C., M.S. 1995. "A Market Evaluation of a Value-Added Mussel Product."
- Gu, G., M.S. 1994. "State-Space Time Series Forecasting with Application to the U.S. Salmon Market." Greg Lessee Award for Outstanding Research in Natural Resource and Environmental Markets, University of Rhode Island, 1995.
- Bush, M.J., M.S. 1993. "Northeast Region Aquaculture Industry Situation and Outlook Report."
- Brooks, P.M., Ph.D. 1992. "The Northeastern U.S. Market for Blue Mussels: Consumer Perceptions of Seafood Safety and Demand for Mussels." Greg Lessee Award for Outstanding Research in Natural Resource and Environmental Markets, University of Rhode Island, 1993.
- Kusakabe, Y., Ph.D. 1992. "A Conjoint Analysis of the Japanese Salmon Market."
- Tarasevich, C., Ph.D. 1992. "Analysis of Chinese and Korean Markets for Squid and Mackerel in the United States."
- Vukina, T., Ph.D. 1991. "Hedging with Forecasting: A State-Space Approach to Time Series Modeling." Greg Lessee Award for Outstanding Research in Natural Resource and Environmental Markets, University of Rhode Island, 1992.
- Gledhill, J., M.S. 1991. "The Japanese Market for Herring Roe."
- Bettencourt, S.U., M.S. 1990. "Pen-Reared Salmonid Industry in the Northeastern United States."
- Sylvia, G., Ph.D. 1989. "An Economic Policy Model for Net-Pen Salmon Aquaculture Development: A Dynamic Multi-level Approach."
- Emerson, W., Ph.D. 1988. "A Spatial Allocation Model for the New England Fisheries." William Applebaum Scholarship Research Award: National Competition for an Outstanding Ph.D. Thesis in Food Distribution/Marketing, Food Distribution Research Society, 1989.
- Brooks, P.M., M.S. 1987. "Retail Value of Extending Seafood Shelf Life." Thesis Award of Merit, Northeastern Agricultural and Resource Economics Association. Honorable Mention, National Sea Grant Master's Thesis Competition, 1989.
- Riely, P.L., Ph.D. 1986. "An Economic Analysis of the Market for Atlantic Salmon."

**PROFESSIONAL SOCIETY MEMBERSHIPS:**

American Agricultural Economics Association  
 American Fisheries Society

American Marketing Association  
 Aquaculture Association of Canada  
 Association of Environmental and Resource Economists

International Association of Agricultural Economists  
International Institute of Fisheries Economics and Trade  
Northeastern Agricultural & Resource Economics Assoc.

Southern Agricultural Economics Association  
Western Agricultural Economics Association  
World Aquaculture Society

C:\URI2006\JLAndersonCV-9-14-06