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EDUCATION

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

EXPERIENCE

University of Florida, Department of Food and Resource Economics, Gainesville, FL Professor (12/14-) and Director (12/14-8/20), Sustainable Food Systems Initiative, Gainesville, FL.

- Responsible for developing a new Institute for Sustainable Food Systems and an internationally recognized multidisciplinary research and teaching program. Conduct research on food systems.

The World Bank Group, Washington, DC USA. Advisor: Oceans, Fisheries and Aquaculture, Sept. 2010 to Oct 2014. Leader: Global Program on Fisheries (PROFISH) & the Alliance of Responsible Fishing (ALLFISH)

- Responsible for coordinating technical support for the World Bank's \$850 million portfolio in fisheries and aquaculture and coastal management. Manage the multi-donor trust fund (PROFISH) and the GEF funded public-private partnership (ALLFISH). Provide guidance and expertise for all fisheries/aquaculture related global knowledge products. Developed the program's strategic vision.

University of Rhode Island, Department of Environmental & Natural Resource Economics, Kingston, RI. Chair: 2001 to 2010; Professor: 1994– 2010; Assoc. Prof.: 1989–94; Asst. Prof.: 1983– 89.

- Led the Department of Environmental and Natural Resource Economics composed of 14 faculty and staff and over 30 graduate students. Published numerous research documents; advised Ph.D. and M.S. students and taught undergraduate and graduate courses (see details below).

Shanghai Ocean University, Lingang New City, Shanghai, China. Visiting Professor: March-April 2010.

Pontificia Universidad Catolica de Valparaiso, Valparaiso, Chile. Visiting Professor: May 2008.

College of William & Mary, Williamsburg, VA USA. Visiting Professor: Aug. 1998–Aug. 1999.

PROFESSIONAL RECOGNITION AND HONORS

2020 UF/IFAS Excellence for Graduate Research Award for Advisor to Jordan Moor – Best Thesis-Human Systems
2019 UF/IFAS High Impact Research Award for Asche, Garlock, Anderson et.al. 2018 *Proc. of the National Academy of Sciences (PNAS)*.

2018 Fellow, International Institute for Fisheries Economics and Trade (IIFET).

2016 *Marine Resource Economics* Publication of Enduring Significance Award (Inaugural award) for Anderson. J.L., 1985. *Marine Resource Economics*

1995 *Agric. & Resource Economics Review* Article of the Year Award for Vukina and Anderson, 1995. *ARER*

1994 Research Scientist of the Year Award, College of Env. & Life Sciences, University of Rhode Island.

1984 Outstanding Ph.D. Thesis Award, American Agricultural Economics Association

Gamma Sigma Delta, Honor Society of Agriculture.

Phi Sigma, Honor Society of Biological Sciences.

SELECTED PROFESSIONAL ACTIVITY

Co-Director, Blue Ribbon Panel Report, "Indispensable Ocean: Aligning Ocean Health with Human Well-being" 2013 https://www.globalpartnershipforoceans.org/sites/oceans/files/images/Indispensable_Ocean.pdf

Editor, *Marine Resource Economics* (1999–2012); Associate Editor (1992–1998).

Director, Marine Resources Foundation (2008–2012).

Director, International Institute of Fisheries Economics and Trade (IIFET) (2002–2006).

Co-Chair, National Academy of Sciences, National Research Council, Committee on Nonnative Oysters, (2002–2003).

Reviewer, Norwegian School of Economics & Business Administration, Bergen, Norway (February 1998).

Member, Rhode Island Aquaculture Commission (1995-1997).

Member, Technical Industry Advisory Council to the Northeast Regional Aquaculture Center (1987-1992; 1994-1996)

Editorial Board, *Aquaculture Economics and Management* (1996-2006)

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

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

Member, National Academy of Sci., NRC, Comm. on "Assess. of Tech. and Opp. for Marine Aquaculture" (1988–91).

SELECTED PUBLICATIONS AND PRESENTATIONS

Books and Published Reports

- Anderson J., Asche F., Barnes R., Bush S., Gentner B., Hufflett C., Libecap G., Maharaj V., Nelson L., Norris W., Perotti G., Tietze U., Wachowicz, K. 2018. *Principles for Fisheries Management in Areas Beyond National Jurisdiction—the Essential Role of Incentive-Based Approaches*. World Wildlife Fund, Washington DC. 70 pp. http://www.fao.org/fileadmin/user_upload/common_oceans/docs/08818%20WWF%20WB%20Report%20GloT%20final.pdf
- Msangi, S., M. Kobayashi, M. Batka, S. Vannuccini, M. Day and J.L. Anderson, 2013. *Fish to 2030: Prospects for Fisheries and Aquaculture*, AES 02. The World Bank, Washington, DC 78 pp. <http://documents.worldbank.org/curated/en/458631468152376668/pdf/831770WP0P1260ES003000Fish0to02030.pdf>
- Chu, J., J.L. Anderson, and C.M. Anderson, 2012. *Evaluation of New Fishery Performance Indicators (FPIs)*. ARD 52. The World Bank Group, Washington, DC 100 pp. http://siteresources.worldbank.org/INTARD/825826-1111129171182/23192329/ARD_DP12_BlueCrab_web_final.pdf
- Knapp, G., C.A. Roheim, and J.L. Anderson, 2007. *The Great Salmon Run: Competition between Wild and Farmed Salmon*. Traffic North America, World Wildlife Fund, Washington, DC 302 pp. <https://www.traffic.org/site/assets/files/3637/great-salmon-run.pdf>
- National Research Council, Committee on Nonnative Oysters in the Chesapeake Bay (J.L. Anderson, Co-Chair), 2004. *Nonnative Oysters in the Chesapeake Bay*. National Academy Press, Washington, DC 325 pp. <https://www.nap.edu/read/10796/chapter/1>
- Anderson, J.L., 2003. *The International Seafood Trade*, Woodhead Publishing Ltd., Cambridge, England, 222 pp. (also published in Chinese). <https://www.elsevier.com/books/the-international-seafood-trade/anderson/978-1-85573-456-2>
- National Research Council, Committee on Assessment of Opportunities for Aquaculture (J.L. Anderson, Member), 1992. *Marine Aquaculture: Opportunities for Growth*. National Academy Press, Washington, DC 290 pp. <https://www.nap.edu/catalog/1892/marine-aquaculture-opportunities-for-growth>

Refereed Publications & Chapters

- Asche, F., B Yang, J.A. Gephart, M.D. Smith, J.L. Anderson, E. Camp, T. Garlock, D. Love, A. Oglend, H-M. Straume. 2022. China's Seafood Imports: Not for Domestic Consumption? *Science*. Vol 375, Issue 6579, 386-388. <https://www.science.org/doi/10.1126/science.abl4756>
- Nguyen, L., Z. Gao, J.L. Anderson and D.C. Love. 2021. Consumers' Willingness to Pay for Information Transparency at Casual and Fine Dining Restaurants. *International Journal of Hospitality Management*. 100 (2021) 103104. <https://doi.org/10.1016/j.ijhm.2021.103104>
- Love, D.C., F. Asche, R. Young, E. Nussbaumer, J.L. Anderson, R. Botta, Z. Conrad, H. Froehlich, T. Garlock, J. Gephart, A. Ropicki, J. Stoll and A. Thorne-Lyman. 2021. An Overview of Retail Sales of Seafood in the USA, 1917-2019. *Reviews in Fisheries Science and Aquaculture*. <https://doi.org/10.1080/23308249.2021.1946481>
- Love, D.C., E. Nussbaumer, J. Harding, J.A. Gephart, J.L. Anderson, F. Asche, J.S. Stoll, A. Thorne-Lyman, M. Bloem. 2021. Risks Shift along Seafood Supply Chains. *Global Food Security*. Volume 28, 2021, 100476, ISSN 2211-9124, <https://doi.org/10.1016/j.gfs.2020.100476>
- Asseng, S., C. Palm, J.L. Anderson, L. Fresco, P. Sanchez, F. Asche, T. Garlock, J. Fanzo, D.M. Smith, G. Knapp, A. Jarvis, A. Adesogan, I. Capua, G. Hoogenboom, D. Despommier, L. Conti and K. Garrett. 2021. Implications of new technologies for future food supply systems. *The Journal of Agricultural Science* 159, 315–319. <https://doi.org/10.1017/S0021859621000836>
- Liu, L., J. Chu, J.L. Anderson, J. Xu. 2021. Sustainability Comparisons in the Triple Bottom Line for Chinese Fisheries. *Marine Policy*. Vol. 125, March 2021, Article 104259 <https://doi.org/10.1016/j.marpol.2020.104259>
- Eggert, H., C.M. Anderson, J.L. Anderson, T. Garlock. 2021. Assessing Global Fisheries using Fisheries Performance Indicators: Introduction to Special Section. *Marine Policy*. Vol. 125, March 2021, Article 104253. <https://doi.org/10.1016/j.marpol.2020.104253>
- Asche, F., J.L. Anderson, R. Botta, G. Kumar, E. Abrahamsen, L. Nguyen and D. Valderrama. 2021. The Economics of Shrimp Disease. *Journal of Invertebrate Pathology*. 186(2021)107397 <https://doi.org/10.1016/j.jip.2020.107397>

- Yang, B and J.L. Anderson & F. Asche. 2020. Determinants of China's Seafood Trade Patterns. *Marine Resource Economics*. 35:2, 97-112. <https://doi.org/10.1086/708617>
- Straume, H-M., J.L. Anderson, F Asche and I Gaasland. 2020. Delivering the Goods: The Determinants of Norwegian Seafood Exports. *Marine Resource Economics*, 35:1, 83-96. <https://doi.org/10.1086/707067>
- Garlock, T., L. Nguyen, J.L. Anderson & M. Musumba. 2020. Market Potential for Gulf of Mexico Farm-raised Finfish, *Aquaculture Economics & Management*, 24:2, 128-42. <https://doi.org/10.1080/13657305.2019.1691676>
- Garlock, T, F. Asche, J.L. Anderson, et.al. 2020. A Global Blue Revolution: Aquaculture Growth Across Regions, Species, and Countries, *Reviews in Fisheries Science & Aquaculture*, 28:1, 107-116. <https://doi.org/10.1080/23308249.2019.1678111>
- Anderson, J.L., F. Asche, T. Garlock. 2019. Economics of Aquaculture Policy and Regulation. *Annual Review of Resource Economics*. Vol. 11. 101-123. <https://doi.org/10.1146/annurev-resource-100518-093750>
- McCluney, J., C. Anderson and J.L. Anderson. 2019. The Fishery Performance Indicators for Global Tuna Fisheries. *Nature Communications* Vol. 10. No. 1641. <https://doi.org/10.1038/s41467-019-09466-6>
- Shamshak, G.L. J.L. Anderson, F. Asche, T. Garlock, D.C. Love. 2019. U.S. Seafood Consumption. *J. of the World Aquaculture Society*. Vol 50. <https://doi.org/10.1111/jwas.12619>
- Asche, F., T. Garlock, J.L. Anderson, S. Bush, M. Smith, C. Anderson, J. Chu, K. Garrett, A., Lem, K. Lorenzen, A. Oglend, S. Tveteras and S. Vannuccini. 2018. The Three Pillars of Sustainability in Fisheries. *Proceedings of the National Academy of Sciences (PNAS)*. Sep, 201807677 <https://doi.org/10.1073/pnas.1807677115>
- Mangin T, Costello C, Anderson J.L., Arnason R, Elliott M, Gaines, S.D., Hilborn, H., Petersen, E. and Sumaila, R., 2018. Are fishery management upgrades worth the cost?. *PLOS ONE* 13(9): e0204258. <https://doi.org/10.1371/journal.pone.0204258>
- Anderson, J.L., F. Asche, T. Garlock, 2018. Globalization and Commoditization: The Transformation of the Seafood Market, *Journal of Commodity Markets*, Vol 12: 2-8. <https://doi.org/10.1016/j.jcomm.2017.12.004>
- Asche, F., J.L. Anderson and T. Garlock. 2018. Food from the Water: Fisheries and Aquaculture. Chapter 9 in *The Routledge Handbook of Agricultural Economics*. Eds. Cramer, G.L. K.P. Paudle and A. Schmitz. London: Routledge, <https://doi.org/10.4324/9781315623351>
- Chu, J. Garlock, T., F. Asche, and J.L. Anderson. 2017. Impact Evaluation of a Fisheries Development Project. *Marine Policy* 85 (2017) 141-149. <https://doi.org/10.1016/j.marpol.2017.08.024>
- Anderson, J.L., F. Asche, T. Garlock and J. Chu, 2017, Aquaculture: Its Role in the Future of Food. Chapter 16 in *World Agricultural Resources and Food Security (Frontiers of Economics and Globalization. Vol 17)* Eds. A. Schmitz, P. L. Kennedy, and T. G. Schmitz. Emerald Group Publishing Limited: Bingley. UK.
- Anderson J.L, CM Anderson, J Chu, J Meredith, et al. 2015. "The Fishery Performance Indicators: A Management Tool for Triple Bottom Line Outcomes." *PLOS ONE* 10(5): e0122809. doi:10.1371/journal.pone.0122809 <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0122809>
- Sampson, G.S., J. N. Sanchirico, M., C. Roheim, S. Bush, J.E. Taylor, E.H. Allison, J.L. Anderson, N.C. Ban, R. Fujita, S. Jupiter and J.R. Wilson. 2015. "Secure Sustainable Seafood from Developing Countries," *Science*, (5/ 2015) <http://science.sciencemag.org/content/348/6234/504>
- Kobayashi, M., S. Msangi, M. Batka, S. Vannuccini, M. Dey and J. L. Anderson. 2015. "Fish 2030: The Role and Opportunity for Aquaculture," *Aquaculture Economics and Management*. Vol. 19:3 282-300. DOI: [10.1080/13657305.2015.994240](https://doi.org/10.1080/13657305.2015.994240)
- Abbott, J., J.L. Anderson, L. Campling, R. Hannesson, E. Havice, S. Lozier, M. Smith and M. Wilberg, "Steering the Global Partnership for Oceans," *Marine Resource Economics*. 29:1 (2014): 1-16.
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- Valderrama, D. and J.L. Anderson. 2013. "Improving the Economic Management of Bristol Bay (Alaska) Salmon in the Age of Aquaculture," *Canadian Journal of Agricultural Economics*. 61:145-170. <https://doi.org/10.1111/cjag.12007>

- Klinger, D., M. Turnipseed, J.L. Anderson, F. Asche, L. Crowder, A. Guttormsen, B. Halpern, M. O'Connor, R. Sagarin, K. Selkoe, G. Shester, M. Smith, and P. Tyedmers, "Moving Beyond the Fished or Farmed Dichotomy," *Marine Policy*, Vol 38, No. 1. (2013): 369-374.
- Luo, M.F., J.J. Opaluch, J.L. Anderson and K. Schnier. 2012. Managing the Intentional Introduction of Nonnative Species. Chapter 5 in : *Oysters: Physiology, Ecological, Distribution and Mortality*. Qin, J.G. (editor), Nova Science Publishers, New York. P:101-146.
- Smith, M., C. Roheim, L. Crowder, B. Halpern, M. Turnipseed, J.L. Anderson, F. Asche, L. Bourillón, A. Guttormsen, A. Khan, L. Liguori, A. McNevin, M. O'Connor, D. Squires, P. Tyedmers, C. Brownstein, K. Carden, D. Klinger, R. Sagarin, K. Selkoe, "Sustainability and the Global Seafood," *Science*, Vol. 327 (2010):785-86. <http://science.sciencemag.org/content/327/5967/784>
- Chu, J., J.L. Anderson, F. Asche, and L. Tudur, "Stakeholders' Perceptions of Aquaculture and Implications for its Future: A Comparison of the U.S.A. and Norway," *Marine Resource Economics*, Vol.25, No.1 (2010):61-76.
- Valderrama, D. and J.L. Anderson, "Market Interaction between Aquaculture and Common-Property Fisheries: Recent Evidence from the Bristol Bay Sockeye Salmon Fishery in Alaska," *Journal of Environmental Economics and Management*, Vol. 59 (2010):115-128. <http://doi:10.1016/j.jeem.2009.12.001>
- Anderson, J.L., F. Asche, and S. Tveteras, "World Fish Markets," In: *Handbook of Marine Fisheries Conservation and Management*, Grafton, R.Q. *et al.*, eds., Oxford University Press (2010):113-122.
- Shamshak, G.L. and J.L. Anderson, "A Dynamic Stochastic Adaptive Bioeconomic Model to Evaluate the Economics of Offshore Tuna Aquaculture," *Aquaculture Economics and Management*, Vol. 13, No. 2 (2009):138-154.
- Parsons, G.R. and J.L. Anderson, "Preface: A Nested Logit Model of Recreational Fishing Demand in Alaska" by R.T. Carson, W.M. Hanemann, and T.C. Wegge, *Marine Resource Economics*, Vol. 24, No. 2 (2009):99-100.
- Valderrama, D. and J.L. Anderson, "Improving Utilization of the Atlantic Sea Scallop Resource: An Analysis of Rotational Management of Fishing Grounds: Reply," *Land Economics*, Vol. 85, No. 2 (2009):86-103.
- 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 (2007):86-103.
- 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.
- 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. 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.
- 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*. Knudsen, E.E., *et al.*, eds. New York: CRC Press LLC. 2000.
- 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.

- 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.
- 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.
- 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.
- 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.
- 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.
- Sylvia, G. and J.L. Anderson, "An Economic Policy Model for Net-Pen Salmon Farming," In: *Aquaculture: Models and Economics*, Hatch, U. and H. Kinnucan, eds. Westview Press, Boulder, CO (1993):17–39.
- 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.L., "Salmon Market Dynamics," *Marine Resource Economics*, Vol. 7 No. 1 (1992):87–88.
- Anderson, J.G. and J.L. Anderson, "Seafood Quality Issues for Consumer Researchers," *Journal of Consumer Affairs*, Vol. 25, No. 1 (1991):144–163.
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- 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.

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- 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.

Other Chapters

- Anderson, J.L., "Emerging Dominance of Aquaculture: The Future of the Seafood Market and Fisheries Management," Keynote Address, *Proceeding of International Institute of Fisheries Economics and Trade 2008: Achieving a Sustainable Future*, July 22–25, Nha Trang, Vietnam. IIFET, Corvallis, OR. Oct. 2008.
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- Anderson, J.L. and G. Shamshak, "Future Markets for Aquaculture Products," *Offshore Aquaculture in the United States: Economic Considerations, Implications & Opportunities*. NOAA Aquaculture Program, Silver Spring, MD. July 2008.
- Shamshak, G. and J.L. Anderson, "Future Aquaculture Feeds and Feed Costs: The Role of Fish Meal and Fish Oil," *Offshore Aquaculture in the United States: Economic Considerations, Implications & Opportunities*. NOAA Aquaculture Program, Silver Spring, MD. July 2008.
- Shamshak, G. and J.L. Anderson, "Lessons from the Development of the U.S. Broiler and Catfish Industries: Implications for Offshore Aquaculture in the United States," *Offshore Aquaculture in the United States: Economic Considerations, Implications & Opportunities*. NOAA Aquaculture Program, Silver Spring, MD. July 2008.
- Valderrama, D. and J.L. Anderson, "Interactions between Capture Fisheries and Aquaculture," *Offshore Aquaculture in the United States: Economic Considerations, Implications & Opportunities*. NOAA Aquaculture Program, Silver Spring, MD. July 2008.
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- Anderson, J.L. "Sustainable Aquaculture: What Does it Mean and How Do We Get There." *In: Species & System Selection for Sustainable Aquaculture*. PingSun Leung, Cheng-Sheng Lee, and Patricia J. O'Bryen, eds. Blackwell Publishing, Ames, IA and Oxford, UK (2007):9–17.
- Valderrama, D. and J.L. Anderson, "Improving Management of Atlantic Sea Scallops through Optimal Rotation of Fishing Grounds," *IIFET 2004 Proceeding: Rebuilding Fisheries in an Uncertain Environment*. July 11–14, 2006.
- Anderson, J.L., "Property Rights, Fisheries, Aquaculture, and the Future." *In: Evolving Property Rights in Marine Fisheries*. Leal, D.R., ed., Rowman & Littlefield Publishers, Lanham, MD (2005):239–257.
- 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.
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- The DPA Group and J.L. Anderson, "Pacific Aquafoods Ltd.: Market Strategy Study." Prepared for National Sea Products, Halifax, Nova Scotia (July 1988) 51 pp.
- 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) 120 pp.
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- 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) 100 pp.

Selected Presentations, Conferences and Meetings

- Garlock, T., F. Asche and J.L. Anderson. "Aquaculture Performance Indicators." Aquaculture America 2021. San Antonio, TX. August 13, 2021
- Moor, J.T. A Ropiccki, F. Asche and J.L. Anderson. "Stochastic Modelling and Financial Viability of Mollusk Aquaculture." Aquaculture America 2021. San Antonio, TX. August 13, 2021
- Love, D.C., F Asche, R Young, E.M. Nussbaumer, J.L. Anderson, R. Botta, Z. Conrad , H. Froehlich, T. Garlock, J. Gephart, A. Ropicki, J. Stoll, A. Thorne-Lyman. "Retail Sales in the United States." Aquaculture America 2021. San Antonio, TX. August 13, 2021
- Anderson, J.L., Expert Panelist: Global Shrimp Production Review and Forecast. Global Outlook for Aquaculture Leaders (GOAL) Conference, virtual, Oct 6, 2020.
- Anderson, J.L. and R. Barry. "Risk in Seafood." NFI Global Seafood Market Conference. Grand Lakes Marriot, Orlando, FL. January 21-23, 2020.
- Anderson, J.L. "Future of Food." Forum Kick-off Presentation. Future of Food Forum. Univ. of Florida. Gainesville, FL Jan. 15, 2020.
- Anderson, J.L. "Future of Food-Introduction to Food from the Sea" Presentation. Future of Food Forum. Univ. of Florida. Gainesville, FL Jan. 15, 2020.
- Anderson, J.L., D. Valderrama and D. Jory "Global Shrimp Production Review and Forecast." Invited Presentation. Global Outlook for Aquaculture Leaders (GOAL) Conference, Chennai, India, Oct. 21, 2019.
- Anderson, J.L., D. Valderrama and D. Jory "Global Shrimp Production Review and Forecast." Invited Presentation. Global Outlook for Aquaculture Leaders (GOAL) Conference, Guayaquil, Ecuador. Sept. 4, 2018.
- Anderson, J.L. "Partnership for Building a Sustainable Shrimp Aquaculture Sector in the US." Symposium: Vision for the Future of Shrimp. Sept. 18, 2018. Hilton Hotel, Gainesville, FL
- Anderson, J.L. "Embracing the Future of Seafood and Systems Thinking" IIFET Fellow's Address. International Institute for Fisheries Economics and Trade Conference. July 18, 2018. Seattle, WA.
- Anderson, J.L. "Seafood Systems Thinking." Invited presentation. Food from the Sea Workshop. May 14, 2018 Newport, Oregon
- Anderson, J.L. "Fisheries, Aquaculture and the Future of Seafood" Invited presentation Florida Museum of Natural History Science Café. Blue Gill Quality Foods, Gainesville, FL April 16, 2018.
- Anderson, J.L. "Exploring the Constraints and Opportunities for Florida Finfish Aquaculture." Finfish Aquaculture in Florida: Think Tank. April 27, 2018. UF/IFAS ISFS, Gainesville, Florida.
- Anderson, J.L. "Exploring the Potential to Create a Shrimp Aquaculture Industry in the US." Meeting with CP Foods executives. ISFS, Frazer Rogers, University of Florida. Gainesville, FL. March 22-23, 2018.
- Anderson, J.L. F Asche, and T Garlock. "Aquaculture: Where, When and Some Thoughts on Why". Aquaculture America 2018 Conference, Las Vegas, NV. Feb 19, 2018
- Asche, F. and J.L. Anderson. "The dynamics of Disease in Aquaculture from an Economic Perspective". Aquaculture America 2018 in Las Vegas, NV. Feb 20, 2018
- Anderson, J.L. "Collaborative Opportunities for Extension Engagement with ISFS." November 27, 2017 UF/IFAS Extension Connections.
- Anderson, J.L. Application the FPIs in the Caribbean: Discussion" Global Ocean Think Tank (GLOTT) Meeting. Santa Monica, CA. Sept 23-25, 2017
- Anderson, J.L., D. Valderrama and D. Jory "Global Shrimp Production Review and Forecast." Invited Presentation. Global Outlook for Aquaculture Leaders (GOAL) Conference, Dublin, Ireland. Sept. 4 2017.
- Anderson, J.L "The Future of Seafood." Invited seminar. Oak Hammock. Gainesville, FL Sept 12, 2017.
- Anderson, J.L. "The Future of Seafood" Invited Keynote. Loews Hotels Farmers Summit, Orlando, FL, March 27-28, 2017.

- Anderson, J.L., Asche, F. and Garlock, T. Special session on Fishery Performance Indicators, North American Association of Fisheries Economists' (NAAFE) Forum 2017, March 22-24, 2017.
- Anderson, J.L. "The New Institute for Sustainable Food Systems and Fisheries, Aquaculture and the Future of Seafood." Food & Resource Economics Departmental seminar. October 20, 2017.
- Anderson, J.L. "The New Institute for Sustainable Food Systems." Plant Pathology Departmental seminar. Jan. 31, 2017.
- Anderson, J.L. "The Role of Aquaculture in the Food System." Invited Seminar and workshop, UC Santa Barbara, Bren School of Environmental Science & Management, Santa Barbara, CA Jan 23, 2017.
- Anderson, J.L. "Seafood: A Global Commodity." Invited Opening Presentation, Seafood: A Global Commodity Workshop. Cocoa Beach, FL Nov. 27-29, 2016.
- Anderson, J.L. "Understanding the Seafood Market – Building the Market for Gulf Seafood." Invited presentation. Gulf Seafood Institute. Gulf of Mexico Offshore Aquaculture Roundtable. New Orleans, LA. Nov. 14-15-, 2016.
- Anderson, J.L. "Discussion: The Eastern Pacific Regional Project – Indicator Methodology." Global Think Tank: Ocean Partnerships for Sustainable Fisheries and Biodiversity Conservation Models for Innovation and Reform. Brooklyn, NY. Nov. 7-9 2016.
- Anderson, J.L., and D. Valderrama. "Shrimp Production Review." Invited presentation, Global Outlook for Aquaculture Leadership (GOAL 2016), Guangzhou, China, Sept. 17-24, 2016.
- Anderson, J.L. "Introducing the Institute for Sustainable Food Systems." Soil and Water Sciences 17th Annual Research Forum. Univ. of Florida, Gainesville, FL Sept. 15, 2016.
- Anderson, J.L. The Future of Aquaculture and Its Role in the Global Food System." International Institute of Fisheries Economics and Trade (IIFET) 2106. Aberdeen, Scotland July 10-15, 2016.
- Chu, J., T. Garlock, J. Meredith, C. Anderson, J.L. Anderson. "Understanding the Role of Women in Achieving Triple Bottom Line Outcomes for Fisheries Systems." International Institute of Fisheries Economics and Trade (IIFET) 2016. Aberdeen, Scotland July 10-15, 2016.
- Anderson, J.L. Invited Discussant. The Prince of Wales's International Sustainability Unit Meeting *The Global Transition to Sustainable Fisheries: Taking Stock*. London, UK. June 15-16, 2016.
- Anderson, J.L. "Fishery Performance Indicators" Invited presentation. Learning from Nearshore Science Workshop. Half Moon Beach, CA. June 13-14, 2016.
- Anderson, J.L. "The Future of Seafood – Opportunities for Growth." Blue Week & Investment Conference. St. Georges, Grenada. May 14-18, 2016.
- Anderson, J.L. "The Future of Aquaculture and its Role in the Global Food System" Opening Plenary Speech. Aquaculture 2016. Las Vegas. Feb. 22-25, 2016.
https://www.was.org/documents/MeetingPresentations/AQ2016/AQ2016_1301.pdf
- Anderson, J.L. T. Garlock, C. Anderson, J. Chu and J. Meredith. Performance of Fisheries Management Systems – What Factors Drive Change? European Commission DG MARE Economic Advice in Fisheries Management Conference. Invited Presentation. Malta. Feb. 4-5, 2016
- Anderson, J.L., and D. Valderrama. "Shrimp Production Review," Invited presentation, Global Outlook for Aquaculture Leadership (GOAL 2015), Vancouver, BC Canada, Oct 26-29, 2015.
<https://www.youtube.com/watch?v=E3bDDFRqLOQ&feature=youtu.be>
- Anderson, J.L. Fish to 2030 and Some Other Perspectives. Invited Presentation. BI Norwegian Business School, Bergen Norway. Sept. 24, 2015
- Anderson, J.L. C. Anderson, J. Chu, J. Meredith The Fishery Performance Indicators: Baseline Assessment, Monitoring and Evaluation. Invited Presentation. FAO Workshop on Fish Prices, Nerano, Italy. September 20-22, 2015.
- Anderson, J.L., and D. Valderrama. "Shrimp Production Review," Invited presentation, Global Outlook for Aquaculture Leadership (GOAL 2014), Ho Chi Minh City, Vietnam, Oct 6-9, 2014.
- Anderson, J.L. "Sustainability, Transition and the Power of the Market" Invited presentation, North Atlantic Seafood Forum. Bergen, Norway, March 4-7, 2014.

- Anderson, J.L. “Aquaculture and Food Supply” Invited Presentation and panel discussion, The Economist’s World Ocean Summit, Half Moon Bay, CA, February, 24-27, 2014.
- Anderson, J.L., and D. Valderrama. “Shrimp Production Review,” Invited presentation, Global Outlook for Aquaculture Leadership (GOAL 2012), Paris France, Oct 8-10, 2013.
- Anderson, J.L., C. Anderson, J. Chu, “Fishery Performance Indicators,” Invited presentation, International Symposium: Future Management of Ocean Ecosystem Services, The University of Tokyo, Tokyo, Japan, Oct 1, 2013.
- Anderson, J.L. “The Great Ocean State.” Speech for Mauritius National Dialogue on Ocean Economy. Port Louis, Mauritius July 22, 2013
- Anderson, J.L., C. Anderson, J. Chu, “Fishery Performance Indicators,” Invited presentation to the Blue Ribbon Panel on Oceans, Singapore, July 6-7, 2013
- Chu, J., Anderson, J.L., and C. Anderson, “Fishery Performance Indicators,” North American Fisheries Economics Association, St. Petersburg, FL May 21-24, 2013.
- Anderson, J.L. “Change in Fisheries and Oceans” Presented at the Embassy of Japan, Washington, DC. May 15, 2013.
- Anderson, J.L. “Aquaculture Overview” Invited presentation 2013 Global Seafood Conference, Santa Monica, CA Jan. 29 2013.
- Anderson, J.L., D. Valderrama, M. Kobayashi and S. Msangi. “Fish 2030 and Shrimp Production Review” Invited presentation, Global Outlook for Aquaculture Leadership (GOAL 2012), Bangkok, Thailand, Oct 30- Nov 2, 2012.
- Anderson, J.L., “An Economist’s Perspective on the Future of the Global Fisheries and Aquaculture Sector” Invited seminar, Environment Department, Peking University, Beijing, China. Sept 15, 2012
- Anderson, J.L. “Change in Fisheries and Oceans: The Role of the World Bank and the Global Partnership for Oceans” Invited presentation to the Chinese Academy of Fisheries Sciences, Beijing, China. Sept. 14, 2012
- Anderson, J.L., C. Anderson, J. Chu, “Fishery Performance Indicators,” International Institute of Fisheries Economics and Trade (IIFET), Dar es Salaam, Tanzania, July 17–19, 2012.
- Anderson, J.L., “Change in Global Fisheries, Aquaculture and the Oceans: Is There a Role for the World Bank?” Keynote Presentation. World Fisheries Congress 2012, Edinburgh, Scotland, May 11, 2012.
- Anderson, J.L. “Fish 2030” Invited presentation, Global Outlook for Aquaculture Leadership (GOAL 2011), Santiago, Chile, Nov. 6-9, 2011.
- D. Valderrama and J.L. Anderson, “Shrimp Production Review” Invited presentation, Global Outlook for Aquaculture Leadership (GOAL 2011), Santiago, Chile, Nov. 6-9, 2011.
- Anderson, J.L. and F. Asche. “Key Fishmeal and Fish Oil Issues: An Economic Perspective,” Keynote Presentation. International Fishmeal and Fish Oil Organization Conference. Lima, Peru, Oct. 12–15, 2011.
- Anderson, J.L., M. Arbuckle, T. Bostock, TR. Brummett, J. Chu and K. Kelleher. “The World Bank: Investing in Fisheries and Aquaculture.” USAID - A Greener Revolution Seminar. The Washington Press Club, Washington DC July 13, 2011.
- Anderson, J.L. J. Chu and C. Anderson. “Progress on the Fishery Performance Indicators” Invited presentation World Seafood Congress. Washington DC Oct 3-5 2011.
- Anderson, J.L. and Z. Li. “Shrimp Production Estimates and Trends” Invited presentation, Global Outlook for Aquaculture Leadership (GOAL 2010), Kuala Lumpur, Malaysia Oct. 19-21, 2010.
- Anderson, J.L. and C.M. Anderson. “Wealth-based Fishery Performance Indicators (FPI) for the Evaluation of Cross-country Comparison of Management Systems” International Institute of Fisheries Economics and Trade (IIFET), Montpellier, France, July 13–16, 2010.
- Chu, J., J.L. Anderson and L. Tudur. “Who will Move U.S. Aquaculture Operations Abroad?” International Institute of Fisheries Economics and Trade (IIFET), Montpellier, France, July 13–16, 2010.
- Anderson, J.L. “Fisheries, Aquaculture and Food Security,” Invited talk for the Chairman’s Lunch, Hobart, Tasmania, Australia, May 25, 2010.

- Anderson, J.L. "Managing Fisheries for Sustainable Income and Wealth creation: Fisheries Management Performance Indicators," Australasian Aquaculture 2010, Hobart, Tasmania , Australia, May 24, 2010.
- Anderson, J.L. and C.M. Anderson. "Fishery Performance Indicators" Day-long workshop for review of the FPI prototype. London, UK, Feb. 25, 2010.
- Anderson, J.L., "Global Shrimp and Fish Production Outlook," Invited presentation, Global Outlook for Aquaculture Leadership (GOAL): 2010, Seattle, WA, Oct. 27–30, 2009.
- Anderson, J.L., G. Chamberlain, R. Tveteras, R. Nystoyl, and Z. Li, "Global Shrimp and Fish Production Outlook," Invited presentation, Global Outlook for Aquaculture Leadership (GOAL): 2009, Seattle, WA, Oct. 27–30, 2009.
- Anderson, J.L. "The Emerging Dominance of Aquaculture and Implications for Rights-based Management," Property and Environment Research Center (PERC) Workshop, Santa Barbara, CA, October 19–21, 2009.
- Chu, J. and J.L. Anderson, "Does Aquaculture have a Future in the US? —What Do Aquaculture Stakeholders Say?" North American Association of Fisheries Economists Forum 2009, Newport, RI, May 17–20, 2009.
- Shamshak, G. and J.L. Anderson, "Application of a Dynamic Stochastic Adaptive Bioeconomic Model to Evaluate the Economics of Offshore Bluefin Tuna Aquaculture," North American Association of Fisheries Economists Forum 2009, Newport, RI, May 17–20, 2009.
- Anderson, J.L., D. Valderrama, and J. Chu, "Global Shrimp Production Estimates and Market Trends: 2008–2011," Invited presentation, Global Outlook for Aquaculture Leadership (GOAL): 2008, Qingdao, China, Oct. 28–31, 2008.
- Anderson, J.L., "Cost Competitiveness Development – Major Farmed Fish Species," Invited Presentation, AquaVision: 7th World Aquaculture Business Conference, Stavanger, Norway, September 29–October 1, 2008.
- Anderson, J.L., "Emerging Dominance of Aquaculture: The Future of the Seafood Market and Fisheries Management," Invited Keynote Presentation, International Institute of Fisheries Economics and Trade (IIFET), Nha Trang, Vietnam, July 21–25, 2008.
- Anderson, J.L., "International Seafood Trade and the Emerging Dominance of Aquaculture: The Future of the Seafood Market," Invited Keynote, Aquaculture Canada 2008, St. John, Canada, May 10–14, 2008.
- Anderson, J.L., "Alaska Seafood in the Global Marketplace," Invited Keynote, Alaska Young Fishermen's Summit, Anchorage, AK, December 11–12, 2007.
- Anderson, J.L. and Diego Valderrama, "Global Shrimp Production Estimates and Market Trends: 2007–2010," Invited presentation, Global Outlook for Aquaculture Leadership (GOAL): 2007, Westin Palace, Madrid, Spain, Oct. 30–Nov. 2, 2007.
- Anderson, J.L., "The Future of the Seafood Sector," Invited Presentation. Farming the Seas Workshop. Refsnes Gods, Moss, Norway, August 21–22, 2007.
- Anderson, J.L., "Fish Markets and Aquaculture," Invited Keynote Presentation. European Association of Fisheries Economists, July 9–11 2007, Reykjavik, Iceland, July 9–11 2007.
- Anderson, J.L., "Aquaculture and Fisheries: Competitors or Complements," Invited Presentation. Global Trade Conference on Aquaculture, Qingdao, China, May 29–31, 2007.
- Valderrama, D. and J.L. Anderson, "Market Interactions between Aquaculture and the Common-Property Fisheries: Bristol Bay Sockeye Fishery in Alaska," North American Association of Fisheries Economists Forum. Merida, Mexico, March 27–30 2007.
- Larkin, S. and J.L. Anderson, Conveners, "The Future of Aquaculture in North America," North American Association of Fisheries Economists Forum, Merida, Mexico, March 27–30, 2007.
- Anderson, J.L., "International Trade in Seafood Products" Invited Presentation, UN FAO Fisheries Trade Symposium, Akureyri, Iceland, Feb., 1–2, 2007.
- Anderson, J.L., "Global Shrimp Production Outlook 2006–08," Invited presentation, Global Shrimp Outlook: 2006, Global Aquaculture Alliance, Miami, FL, November 5–8, 2006.
- Anderson, J.L. "The Seafood Industry: 2020" Invited Presentation, International Boston Seafood Show, Boston, MA, March 12–14, 2006.

- Anderson, J.L., "Economic Analysis: Shrimp Outlook 2005," Invited presentation, Global Shrimp Outlook: 2005, Global Aquaculture Alliance, Ho Chi Minh City, Vietnam, October 24–27, 2005.
- 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, Stavanger, 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 versus 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, 2nd Annual Korean-U.S. Marine Policy Forum, Coastal Institute, URI (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, 1st 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 128th 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, 2nd Intern. Conf. on Recirc. 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, 42nd Atlantic Fisheries Technological Conference, Newport, RI (Nov. 8–11, 1997).
- Anderson, J.L., "Sushi Chef Preferences for Summer Flounder (*Paralichthys dentatus*)," Invited presentation, 42nd 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., "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., "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., "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. 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., "Understanding Seafood Trade and Marketing for Improved Management of Fisheries and Aquaculture," American Agricultural Economic Association Meeting, Vancouver, BC, Canada (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., "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., "The Role of Policies, Institutions, and the Market in the Commercialization of Aquaculture," Seminar at ESPOL, Guayaquil, Ecuador (Sept. 26, 1987).

Anderson, J.L., "Allocating Harvests Between Competing Users in Fishery Management Decisions—Appropriate Measures for Valuation: Discussion," 116th Annual Meeting of the AFS, Providence, RI (Sept. 14–18, 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., "Strategic Design and Marketing of Aquacultured Salmon Products," Symposium on Seafood and Aquacultural Markets, Charleston, SC (Aug. 12–17, 1987).

TEACHING

Undergraduate

REN 441: Markets, Trade and Natural Resources. This course provides an overview of the economics, markets, regulation, institutional structure, and operation of the seafood, and natural resource sectors. Emphasis is placed on how international trade, development, food security, energy and natural resource policy, pricing systems (such as futures and options markets), and ecolabeling will likely influence efficient and sustainable 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, ecosystem interactions, 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 management and 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 renewable resource management, non-renewable resource extraction, ecosystem simulation, policy analysis, and environmental regulation.

REN 545: 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, environmental practices, and international development. Topics include: price determination mechanisms and dynamics in natural resource prices, futures markets, international fisheries (and other resources) trade, trade barriers, the relationship between developed and developing nations, sustainable natural resource use, the role of cooperatives, and other institutions.

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 on detailed evaluation of damage determination in the *Exxon Valdez* oil spill case, including specific documents and testimony from the trial.

Short Courses

Managing Fisheries and Aquaculture for Ecosystem and Economic Sustainability in the Global Marketplace. March/April 2010. Shanghai Ocean University, College of Economics and Management, Shanghai, China.

Managing Fisheries for Sustainability and Markets. Feb. 2007. United Nations University Fisheries Training Program. Reykjavik, Iceland.

Trade and Aquaculture Product Marketing. May 2008. Pontificia Universidad Catolica de Valparaiso, Chile.

International Seafood Trade. July 1996. Anderson, J.L. and C.R. Wessells. Presented to the staff of the Foreign Agriculture Service, USDA, Washington, DC.

Salmon 2001: Planificado para el Nuevo Milenio. May 16–17, 1996. Primary lecturer for a two-day seminar. Presented to the Chilean Salmon Industry, Puerto Montt, Chile.

GRANTS and FUNDING

James Anderson and Christa Court. Sponsored Program Agreement: Creating American Jobs through Seafood Imports. National Fisheries Institute, Seafood Industry Research Fund. 3/1/2021 – 4/30/2022. \$75,000.

James Anderson and Taryn Garlock. Sponsored Program Agreement: Analysis of US agricultural Exports to Countries which the US Imports Seafood. National Fisheries Institute, Seafood Industry Research Fund. 3/1/2021 – 4/30/2022. \$35,000.

Frank Asche, James Anderson, Taryn Garlock and Andrew Ropicki. Economics of Risk in US Aquaculture Systems and Markets. NOAA Sea Grant. 12/1/2020-11/31/2022. \$249,979 (plus \$135,660 Match)

James Anderson. 2018. Gift from CP Foods for shrimp aquaculture related work. \$47,000.

James Anderson and Frank Asche. Reducing Resource Use at the Seafood-Energy-Water Nexus: Focus on Efficient Production and Waste Reduction. NSF/NIFA INFEWS Program, 11/15/17-11/15/2021. \$2,500,000 (UF \$782,135).

James Anderson and Frank Asche. Finfish Aquaculture in the Gulf: Market Potential and Interaction with Wild Fisheries. Gulf States Marine Fisheries Commission. 12/31/17-3/31/18. \$69,000.

James Anderson: Fishery Performance Indicators, Environmental Defense Fund (EDF), 1/12/16-2/28/17. \$200,000,

Fishery Performance Indicator Project. (PI – Anderson) Packard Foundation. \$125,000 1/3/15-6/30/16

ALLFISH – The Alliance for Responsible Fisheries Public-Private Partnership. (Anderson Task Team Leader (TTL)) Global Environment Facility (GEF). \$1,000,000. 2012-14

Blue Ribbon Panel to advise the Global Partnership for Oceans (Anderson TTL). Donor: Netherlands. \$950,000. 2013-14.

Framework for Fisheries Reform and Technical Support. (Anderson TTL) Donor: Norway. \$750,000. 2013-14.

Contributions to the Global Program for Fisheries Trust Fund. (Anderson TTL) Donors: Iceland, UK & France. \$1,670,000. FY 2011-13.

Development of a Wealth-based Fishery Performance Indicator. (PI-Anderson) ICFA: \$100,000. 2009-2010.

Stakeholders' Perception of Aquaculture and its Behavioral Effect: A Comparison of US and Norway (J. Anderson and J. Chu), NOAA, NMFS: \$65,107 plus tuition waivers. 2008-2010.

Interaction between Aquaculture and Fisheries: Finfish Farming and its Dependence on Traditional Fisheries, USDA, RIAES. \$65,570 plus tuition waivers. 2007-2010.

Economics of Bluefin Tuna Aquaculture (J. Anderson and G. Shamshak), NOAA, NMFS: \$65,000 and tuition waiver. 2006-08.

A Risk-based Approach to Manage Intentional Introduction of Non-native Species (J. Opaluch, J. Anderson and K. Schnier), EPA, PREISM. \$249,000. 2005-07.

Economics of Offshore Marine Aquaculture. NOAA, NMFS: \$37,970 and tuition waiver, \$15,995. 2005-06.

Measuring the Impact of Imports on Domestic Shrimp Price. USDA, ERS: \$25,000 and tuition waiver, \$14,250. 2004-05.

Economic Analysis of Alternative Sea Scallop Management. NOAA, NMFS: \$109,894. 2004-05.

Improving Seafood Market Information Based on Advanced Forecasting Techniques (J. Martinez & J. Anderson). United States Department of Agriculture, CSREES, Small Business Innovation Research Grant: \$69,420. 2000-01.

Assessment of Atlantic Bluefin Tuna Markets (Principal Investigator). URI Cooperative Marine Education and Research Program (CMER): \$47,997. 1997-98.

Economic Feasibility Analysis of Recirculating Systems for Shellfish and Finfish Aquaculture (Principal Investigator). CMER 97-C3: \$24,620. 1997-98.

The Use of Closed Areas as a Fisheries Management Tool for the New England Groundfish Fishery: A Bioeconomic Analysis (Principal Investigator with J. Sutinen). Funding: \$46,838 (Sea Grant: \$29,415; Matching: \$17,423), 1997-98.

Economic Analysis of Land-based Aquaculture of Summer Flounder. Sea Grant: \$103,796. 1995-98.

Strategic Plan for Aquaculture Development in Rhode Island. RI Economic Development Corporation: \$40,000. 1996-97.

Post-harvest Practices and Responsible Fisheries Management. Organization for Economic Cooperation and Development (OECD): \$9,000. 1996-97.

Evaluation of Salmon Marketers International 1996/97 Consumer Marketing Campaign (Principal Investigator). Salmon Marketers International: \$108,000. 1996-97.

Second Situation and Outlook for Northeast Aquaculture. Northeast Regional Aquaculture Center: \$19,000. 1995-96.

Buyer Preferences for Fish Products: Assessment of European Markets (J. Anderson and C. Engle, Univ. of Arkansas). National Research Initiative Competitive Grant, USDA. Total Funding: \$129,469 (URI: \$48,206). 1994-96.

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.

Situation and Outlook for Northeast Aquaculture. Northeast Regional Aquaculture Center: \$34,000. 1992-93.

Economic Analysis of the Market for Blue Mussels (J. Anderson and P. Brooks). URI/NOAA CMER: \$36,000. 1989-91.

Economics of Marketing Farmed Finfish in the Northeast. Lead Principal Investigator (7 PIs at 3 institutions). Northeast Regional Aquaculture Center: Total \$235,476 (URI, Cornell, UMD); \$122,976 (URI only), 1988-91.

GRADUATE STUDENTS—Major Professor

Liu, Lijun (China) Ph.D. expected 2023.

Yang, Bixuan, (China) Ph.D 2020. "Three Essays on China's Food Markets and Trade."

Moor, Jordan (USA), M.S. 2020. "Gulf of Mexico Oyster Aquaculture: Risk Analysis." UF/IFAS Award of Excellence for Graduate Research Best Thesis in Human Systems

Aruga, Kentaka (Japan), Ph.D. 2010. "Market Efficiency and the Soybean Futures Market in Japan."

Shamshak, Gina (USA), Ph.D. 2009. "Economics of Bluefin Tuna Aquaculture in the United States." Best Ph.D. Dissertation Award, International Association of Aquaculture Economics and Management.

Ryan, Richard W. (USA), M.S. 2009. "Essays in Fishery Economics."

Chu, Jingjie (China), Ph.D. 2009. "Aquaculture Stakeholders' Perceptions, Actions, and Implications for its Future: A Comparison of the U.S.A. and Norway."

Valderrama, Diego (Colombia), Ph.D. 2008. "An Examination of Price in the Economic Management of Marine Resources: Three Empirical Essays." Greg J. Lessne Award for Outstanding Research in Natural Resource Markets, URI, 2008.

Baskaran, Ramesh (Malaysia), Ph.D. 2004. "Essays on Fisheries Management."

Keiter, Scott (USA), M.S. 2003. "Economic Analysis of Shade Grown Coffee in Costa Rica."

Hopkins, Rachel (USA), M.S. 2001. "The Effectiveness of Trade Measures in International Environmental Policy: A Case Study of the Convention on International Trade in Endangered Species."

Martinez-Garmendia, Josue (Spain), Ph.D. 2000. "Hedging Effectiveness, Market Efficiency and Forecasting in the Shrimp Futures Market."

Fong, Quentin S.W. (China), 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, URI.

Jancart, Susan (USA), M.S. 1999. "Public versus Private Enterprise: An Evaluation of Fish Hatchery Production Costs."

Carroll, Michael (USA), M.S. 1998. "An Assessment of the Atlantic Bluefin Tuna Market: The Economic Implications for Management Plans."

Lewis, William (USA), M.S. 1998. "Valuation of Pacific Halibut Quota Shares in Alaska."

Zucker, David (USA), Ph.D. 1998. "Economic Analysis of Summer Flounder Aquaculture."

Spatz, Mark J. (USA), M.S. 1997. "Evaluation of Northeast U.S. Aquaculture Producer Expectations and Perceived Constraints to Industry Growth."

Lombardi, William M. (USA), M.S. 1997. "The Market for Freshwater Aquaculture Products in Germany: A Focus on Carp and Catfish."

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