

Quinn Weninger

Iowa State University
Department of Economics
471 Heady Hall
Ames, IA 50014

Phone: (515) 294-8976
Fax: (515) 294-0221
Email: weninger@iastate.edu
Homepage: www.econ.iastate.edu/people/quinn-weninger

Personal

Born: January 27, 1962.

Citizenship: Canada and United States.

Married: to Elizabeth, with two children, Sam and Lucy.

Full name: Quinn Rone Arthur Weninger

Education

Ph.D., Agricultural and Resource Economics, University of Maryland at College Park, 1995.

B.Sc., Forest Science, University of Alberta, 1989.

Employment

Professor, Department of Economics, Iowa State University; July, 2015 - present.

Director of Graduate Education, Department of Economics, Iowa State University; June 2017 - present.

Associate Professor, Department of Economics, Iowa State University; July, 2003 - June 2015.

Visiting Associate Professor, Department of Economics, University of Washington; September, 2005 - June, 2006.

Director of Undergraduate Programs, Department of Economics, Iowa State University; 2003 - 2005.

Assistant Professor, Department of Economics, Iowa State University; 2000-2003.

Assistant Professor, Department of Economics, Utah State University; 1995-1999.

Awards

John F. Timmons Endowed Professorship in Environmental and Resource Economics, February 2016 - present.

Editorial Council, *Journal of Environmental Economics and Management*, 2016 - present.

Associate Editor, *Marine Resource Economics*, 2015 - present.

Editorial Council, *Journal of the Association of Environmental and Resource Economists*, 2014 - present.

Co-Editor, *Journal of Environmental Economics and Management*, 2009 - 2014.

Lone Mountain Fellow. Property and Environmental Research Center, 2012, 2013, 2014.

Dr. S.-Y. Hong Award for Outstanding Article in *Marine Resource Economics*, 2009.

Editorial Council, *Journal of Environmental Economics and Management*, 2005 - 09.

National Science Foundation, Human and Social Dynamics Award #0527728, 2005 - 08.

VEISHEA Award Nomination for Outstanding Faculty Member, Iowa State University, 2004, 2006.

Recipient of Outstanding Faculty Award, Interfraternity Council, Iowa State University, March 23, 2004.

Recipient of Dr. and Mrs. Billy V. Lessley Dissertation Excellence Award, Department of Agricultural and Resource Economics, University of Maryland at College Park, November 1996.

Publications

Journal Articles

Cap-and-Trade under Transactions Costs and Factor Irreversibility, *Economic Theory*, **64** (2017): 357-407, with Rajesh Singh.

Harvest efficiency and fishery discards under harvest uncertainty and trading restrictions, *Journal of Environmental Economics and Management*, **70** (2015): 72-91, with Rajesh Singh.

Cap-and-trade bycatch management with costly avoidance and stock uncertainty, *Marine Resource Economics*, **30** (2015): 97-119, with Rajesh Singh.

Information sharing and cooperative search in fisheries, *Environmental and Resource Economics*, **58** (2014): 353-372, with Keith Evans.

Markov perfect rent dissipation in rights-based fisheries. *Marine Resource Economics*, **28** (2013): 111-131 (lead article), with Adriana Valcu.

Fleet restructuring, rent generation and the design of individual transferable fishing quota programs: Empirical evidence from the pacific coast groundfish fishery. *Marine Resource Economics*, **24** (2010): 329-359, with Carl Lian and Rajesh Singh (recipient of the 2009 Dr. S.-Y. Hong Award for Outstanding Article in *Marine Resource Economics*).

Bio-Economies of scope and the discard problem in multiple-species fisheries. *Journal of Environmental Economics and Management*, **58** (2009): 72-92, with Rajesh Singh.

Benefits of management reform in the Gulf of Mexico grouper fishery: A semi-parametric analysis, *Environmental and Resource Economics*, **41**, (2008): 479-497.

Search and active learning with correlated information: evidence from Mid-Atlantic clam fishermen, *Journal of Economic Dynamics and Control*, **32** (2008): 1921-1948, with Philippe Marcoul.

Fisheries management with stock growth uncertainty and costly capital adjustment, *Journal of Environmental Economics and Management*, **52** (2006): 582-599, with Rajesh Singh and Matthew Doyle.

Incentive-Based Sustainable Fishery Management, *Canadian Journal of Fisheries and Aquatic Science*, **63** (2006): 699-710, with Quentin Grafton, and others.

Meetings with costly participation: an empirical analysis, *Review of Economic Studies*, **72**, Number 1 (January 2005): 247-268, with Matthew Turner.

Economic benefits of management reform in the northern Gulf of Mexico reef fish fishery, *Journal of Environmental Economics and Management*, **46**, Issue 2, (September 2003): 207-230, with James A. Waters.

Estimating multiproduct costs when some outputs are not produced. *Empirical Economics*, **28**, Number 4 (November, 2003): 753-765.

An empirical analysis of production distortions in the Mid-Atlantic surf clam and ocean quahog fishery, *Applied Economics*, **35**, Number 10, (July 2003): 1191-1197, with Ivar E. Strand.

Firm Dynamics with Tradable Output Permits, *American Journal of Agricultural Economics*, **84**, (August 2002): 572-584, with Richard E. Just.

An Analysis of the Efficient Production Frontier in the Fishery: Implications for Enhanced Fisheries Management, *Applied Economics*, **33**, (January 2001): 71-79.

Buy-Back Programs in Commercial Fisheries: Efficiency versus Transfers, *Canadian Journal of Economics*, **33**, (May 2000): 394-412, with K. E. McConnell.

Equilibrium Prices in a Vertically Coordinated Fishery, *Journal of Environmental Economics and Management*, **37** (May 1999): 290-305

Are Crop Returns Normally Distributed?, *American Journal of Agricultural Economics*, **81** (May 1999): 287-304, with Richard E. Just.

Assessing Efficiency Gains From Individual Transferable Quotas: An Application to the Mid-Atlantic Surf Clam and Ocean Quahog Fishery, *American Journal of Agricultural Economics*, **80** (November 1998): 750-64. (Reprinted in *Fisheries Economics, Volume II, Collected Essays*, Lee G. Anderson ed., International Library of Environmental Economics and Policy, Ashgate.)

Economic Evaluation of Food Programs: The Case of the Farmers' Market Nutrition Program, *American Journal of Agricultural Economics*, **79** (August 1997): 902-917, with Richard E. Just.

An Analysis of Transition From Limited Entry to Transferable Quota: Non-Marshallian Principles for Fisheries Management, *Natural Resource Modeling*, **10** (Winter 1996): 53-83, with Richard E. Just.

Other Publications

Fisheries Management with Stock Uncertainty and Costly Capital Adjustment, in *Frontiers in the Economics of the Fishery: Papers in Honour of Professor Gordon Munro*, Bjørndal, T., D.V. Gordon, R. Arnason and U. R. Sumaila, editors, Blackwell, Oxford, 2006. With Matthew Doyle and Rajesh Singh.

Potential Benefits of Rights-Based Management in the Reef Fish Fishery, in *Evolving Property Rights in Marine Fisheries*, Don Leal, ed., Rowman and Littlefield, Lanham MD, 2005, with Jim Waters.

Conservation Payments: Challenges in Design and Implementation. CARD staff publication, June, 2001.

A Guide to Economic Evaluation of Individual Transferable Quota Fisheries. Proceedings of the Tenth Biennial Conference of the International Institute of Fisheries Economics and Trade, July 10-14, 2000, Corvallis, Oregon, with Quentin R. Grafton, Jim Kirkley, and Dale Squires.

Joint Estimation of Contingent Valuation and Truncated Recreational Demands, in *Valuing Recreation and the Environment: Revealed Preference Methods in Theory and Practice*, Joseph A. Herriges and Catherine L. Kling eds. Edward Elgar Publishing Inc., May 1999, with Kenneth E. McConnell and Ivar E. Strand.

Grants and Contracts

Catch Shares Ownership Caps in the West Coast Shoreside Groundfish Trawl Fishery, National Oceanic and Atmospheric Association, Contract no. EA-133F-16-NC-1477, GS-00F-072CA, 2018-19 (\$50,000).

Stock Rebuilding in Multiple-Species Catch Shares Fisheries, National Oceanic and Atmospheric Association, Sub-Contract no. 18000940, 2018-19 (\$67,550).

Economic Performance of the West Coast Shoreside Groundfish Trawl Fishery with Catch Shares Management, 2011-14. National Oceanic and Atmospheric Association, Contract no. EA-133F-16-NC-1477, 2017 (\$15,000).

Subjective Beliefs, Decision Making under Uncertainty and the Design of Nutrient Management Policy in U.S. Agriculture. US Department of Agriculture, National Institute of Food and Agriculture, 2016-18 (\$196,257).

A Bioeconomic Model to Evaluate the Effects of IFQ Management on the Grouper-Tilefish Component of the Gulf of Mexico Reef Fish Fishery, National Oceanic and Atmospheric Association, Contract no. 208601, 2015-16 (\$35,000).

An Empirical Assessment of Quota-Balancing Mechanisms in the Gulf of Mexico Grouper-Tilefish Individual Quota Program, National Oceanic and Atmospheric Association, Contract no. 208602, 2015-16 (\$50,000).

Economic Performance in the Early Stages of the West Coast Groundfish Trawl Catch Share Program. Pacific States Marine Fisheries Commission, 2014-15 (\$15,000).

Modeling Ecology and Economics for Ecosystem Based Fisheries Management in the Gulf of Mexico. Grant awarded by Lenfest Oceans Program, 2014-16 (\$205,100).

An assessment of sea turtle bycatch management options in the Gulf of Mexico reef fish fishery. Grant awarded by Environmental Defense Fund, 2011 (\$50,500).

Rent Generation and Distribution under Catch Shares Management: Theory and Empirical Application to the West Coast Groundfish Trawl Fishery. Grant awarded by the Northwest Fisheries Science Center, 2010 (\$59,887).

The transition to rights-based management in the Gulf of Mexico reef fish fishery. Grant awarded by Environmental Defense Fund, 2008 (\$38,000).

Fleet Restructuring Under Rights-Based Fisheries Management Programs. Grant awarded by the National Marine Fisheries Service, 2007-08 (\$28,200). With Carl Lian.

Assessment of the Economic Benefits of an IFQ Regime for Gulf of Mexico Grouper. Grant awarded by the Environmental Defense Fund, 2006-07 (\$27,000). With Rajesh Singh.

Search, learning and dynamic choice under uncertainty: An empirical analysis of Alaskan halibut fishermen. Grant awarded by the National Science Foundation, Human and Social Dynamics. Award #0527728, 2005-08 (\$545,238). With Gary Wells, Philippe Marcoul, and Terry Quinn II.

Innovations in Academic Communication at the Heartland Environmental and Resource Economics Workshop. Grant awarded by the Environmental Protection Agency, National Center for Environmental Economics. Award #832335-01-0, 2005-07 (\$52,630). With Catherine Kling, Joseph Herriges, and Jinhua Zhao.

Analysis of the benefits from fleet rationalization in the west coast groundfish fishery. Grant awarded by the Pacific States Marine Fisheries Commission, 2005-06 (\$28,100). With Rajesh Singh.

Improving and Marketing Wild Salmon Quality: A Case Study of the Copper River Salmon Company. Grant awarded by the Center for Agriculture and Rural Development, 2003 (\$23,828). With Bruce Babcock.

Potential Economic Effects of Rights-Based Management for the Commercial Reef Fish Fishery in the Eastern Gulf of Mexico. Contract awarded by the National Marine Fisheries Service, 2002 (\$8,900).

Economic Analysis of an Alternative Management System in the Commercial Red Snapper Fishery in the Gulf of Mexico. Contract awarded by the National Marine Fisheries Service, 2000 (\$8,400).

A New Direction for Assessing Market Power in the Beef Packing Industry. Grant awarded by the Grain Inspection, Packers and Stockyards Administration, 1999 (\$33,473). With Lynn Hunnicutt and DeeVon Bailey.

Individual Fishing Quotas in the Gulf of Mexico Red Snapper Fishery. Grant awarded by the Environmental Defense Fund, 1997 (\$15,540).

Vertical Market Structure, Conduct and Performance in Agriculture: Outstanding Theoretical and Empirical Issues. Grant awarded by the Livestock Marketing Institute at the Virginia Technical Institute, 1997 (\$20,000). With DeeVon Bailey.

PhD students

Eseul Choi (2021 projected) "Reference dependence and agricultural production "

Xinyu Guo (2021 projected) "Essays in property rights and allocation mechanisms"

Somenath Bera (2016 projected) "Essays on labor supply and stock effect in fisheries "

Sandip Agarwal (2016 projected) "Subjective beliefs and decision making under uncertainty in the field. "

Keith S. Evans (2011), "Problems of uncertainty, learning, and welfare measurement in resource and environmental economics."

Luc Veysièrè (2009), "Three essays on agricultural and environmental microeconomics."

Presentations

2019: North American Association of Fishery Economists, 2019 Forum, Halifax, NS, May 22-24; Association of Environmental and Resource Economists, Summer Workshop, Lake Tahoe NV, May 30-31.

2018: Southeast Fisheries Science Center, Miami FL. March 30; Rosenstiel School of Marine and Atmospheric Science, Miami FL, March 31; International Institute of Fisheries Economics and Trade, July 16-20.

2017: Southeast Fisheries Science Center, Miami FL. March 30; Rosenstiel School of Marine and Atmospheric Science, Miami FL, March 31; AERE Summer Conference, Pittsburgh, PA, May 31, June 2.

2016: Center for Natural Resource and Economics Policy, 5th National Forum on Socioeconomic Research in Coastal Systems, New Orleans, LA, March 20-22; Global Games in Ames 2016, Ames Iowa, April 8-9, 2016 (poster presentation).

2015: AERE Summer Conference, San Diego, CA, June 3-5; NAAFE 8'th Biennial Forum, Ketchikan, AK, May 20-22.

2014: 29'th Lowell Wakefield Fisheries Symposium, Anchorage, Alaska May 13-16; PERC, Lone Mountain Fellow presentation, Bozeman, MT, June 10; Resources for the Future, Washington, DC, September, 25; Department of Agricultural and Resource Economics, University of Maryland at College Park, September 26.

2013: North American Association of Fishery Economists 7'th Biennial Forum, Petersburg FL, May 21-24; AERE Summer Conference, Banff, AB Canada, June 6-8; Canadian Economics Association Annual Conference, Montreal, QC Canada, May 30-June 2; PERC, Lone Mountain Fellow presentation, Bozeman, MT, June 16-20; American Agricultural Economics Association and Canadian Agricultural Economics Society Joint Annual Meeting; Washington DC, August 4-6.

2012: University of Minnesota, Department of Applied Economics, March 26; W2004 annual meeting, May 22-23, Cedar Key, FL; AERE Summer Conference, June 3-5 Asheville, NC; PERC, Lone Mountain Fellow presentation, Bozeman, MT, July 16-20.

2011: AERE Summer Conference, Seattle WA, June 9-10; PERC Workshop, Lessons Learned in Rights-Based Fisheries Management, Bozeman, MT, July 26-28.

2010: Allied Social Science Association annual meeting, Atlanta, GA; Fourth World Congress of Environmental and Resource Economists, June 28 to July 2, 2010, Montreal, QC Canada.

2009: North American Association of Fisheries Economists Forum, Newport RI; Analytic Innovations in Minimum Information Fisheries Management Workshop, Santa Barbara, CA.

2008: School of Fisheries and Ocean Science, Juneau, AK; Department of Agricultural and Consumer Economics, Champaign-Urbana, IL; EAERE 16'th Annual Conference, Gothenburg, Sweden; Pacific Fisheries Management Council, Portland OR.

2007: American Fisheries Society Annual Meeting, San Francisco, CA; Heartland Environmental Economics Workshop (lunchtime address), Ames, IA; National Center for Ecological Analysis and Synthesis, Santa Barbara, CA; University of Alberta, Edmonton, AB; University of Washington, Seattle, WA.

2006: Oregon State University; University of Washington; National Marine Fisheries Service, Seattle WA.

2005: University of California at Davis; Allied Social Science Association Annual Meeting, Philadelphia, PA; University of British Columbia Okanagan, Kelowna, BC.

2004: Heartland Environmental and Resource Economics Workshop, Ames IA; University of Wyoming.

2003: Allied Social Science Association Annual Meeting, Washington DC; 50'th Anniversary of the Fisheries Science Centre, Bergen, Norway; Heartland Environmental Workshop, Ames, IA; Canadian Resource and Environmental Economics Study Group Annual Meeting, Victoria, BC Canada; Department of Resource Economics, University of Massachusetts at Amherst, February 10.

2002: Second World Congress of Environmental and Resource Economists, Monterrey, CA; PERC's 13'th Political Economy Forum, Big Sky, MT; American Agricultural Economics Association, Annual Meeting, Long Beach, CA.

2000: University of Alberta, Edmonton, AB Canada; University of Calgary, Calgary, AB Canada; Allied Social Science Association Annual Meeting, Boston, MA.

- 1999: American Agricultural Economics Association Annual Meeting, Nashville TN.
- 1998: First World Congress of Environmental and Resource Economists, Venice, Italy; International Institute of Fisheries Economics and Trade Conference, Tromsø, Norway.
- 1997: Allied Social Science Association Annual Meeting, New Orleans, LA.
- 1996: Washington State University, Pullman, WA; University of Maryland, College Park, MD.
- 1993: Allied Social Science Association Annual Meeting, Washington, DC.

Refereeing

Journal of Environmental Economics and Management, Journal of the Association of Environmental and Resource Economists, Canadian Journal of Economics, Journal of Law and Economics, National Science Foundation, Economic Enquiry, American Journal of Agricultural Economics, Land Economics, Empirical Economics, Scandinavian Journal of Economics, Marine Resource Economics, Journal of Agricultural and Resource Economics, Australian Journal of Agricultural and Resource Economics, Canadian Journal of Fisheries and Aquatic Science; Proceedings of the National Academy of Sciences.

References

Richard E. Just, Distinguished Professor, Department of Agricultural and Resource Economics, University of Maryland at College Park. Phone: 301-405-1289. Email: rjust@arec.umd.edu.

Matthew Turner, Professor, Department of Economics, Brown University. Phone: 401-863-9331. Email: matthew_turner@brown.edu.

Brent Kreider, Associate Professor, Department of Economics, Iowa State University. Phone: 515-294-6237. Email: bkreider@iastate.edu.

Professional Memberships

Association of Environmental and Resource Economists, American Economics Association, North American Association of Fisheries Economists.

Last updated: February 4, 2021

<http://www.econ.iastate.edu/people/faculty/weninger-quinn>