

Keith Shannon Evans

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Education

Ph.D. Economics, Iowa State University, Ames, 2011.

Dissertation Title: Problems of Uncertainty, Learning, and Welfare Measurement in Resource and Environmental Economics (advisors: Joseph A. Herriges, Catherine L. Kling, and Quinn Weninger).

B.A. Economics *with Honors*, California State University, Chico, 2002.

Employment

Assistant Professor of Marine Resource Economics, School of Economics and School of Marine Sciences, University of Maine, 2014–present.

Assistant Professor, Department of Economics, St. Lawrence University, 2011–2014.

Pre-Doctoral Research Fellow, Department of Economics, Center for Environmental Economics and Sustainability Policy (CEESP), Arizona State University, (with V. Kerry Smith, Michael Hanemann, and Nicolai V. Kuminoff) Spring 2011.

Research Assistant, Department of Economics, Center for Agricultural and Rural Development (CARD), Iowa State University, (with Joseph A. Herriges and Catherine L. Kling) 2006–2011.

Research Assistant, Department of Economics, Iowa State University, (with Quinn Weninger) 2009–2010.

Research

Research Interests

Resource and Environmental Economics, Applied Econometrics, Marine Policy, Rights-Based Fisheries Management, Marine Aquaculture, Cooperation in the Commons, Non-Market Valuation.

Peer-Reviewed Publications: † denotes a graduate student

1. **Evans, Keith S.**, Xuan Chen, and Christina A. Robichaud[†]. (*forthcoming*) “A Hedonic Analysis of the Impact of Marine Aquaculture on Coastal Housing Prices in Maine.” *Agricultural and Resource Economics Review*. 26(2).
2. **Evans, Keith S.**, Caroline L. Noblet, Emma Fox[†], Kathleen P. Bell, and Abigail Kaminski[†]. (*forthcoming*) “Public Acceptance of Coastal Zone Management Efforts: The Role of Citizen Preferences in the Allocation of Funds.” *Agricultural and Resource Economics Review*. 26(2).
3. Herrera, Guillermo E., **Keith S. Evans**, and Lynne Y. Lewis (*forthcoming*) “Aligning Economic and Ecological Priorities: Conflicts, Complementarities, and Regulatory Frictions.” *Agricultural and Resource Economics Review*. 26(2).

4. Abigail Kaminski[†], Kathleen P. Bell, Caroline Noblet, and **Keith S. Evans**. (*forthcoming*) “An Economic Evaluation of Coastal Beach Safety Information.” *Agricultural and Resource Economics Review*. 26(2).
5. Dumortier, Jerome, **Keith S. Evans**, Carola Grebitus, and Pamela A. Martin. (2017) “The Influence of Trust and Attitudes on the Purchase Decision of Organic Produce.” *Journal of International Food & Agribusiness Marketing*. 29(1): 46-69.
6. **Evans, Keith S.**, Kevin Athearn, Xuan Chen, Kathleen P. Bell and Tora Johnson. (2016) “Measuring the Impact of Pollution Closures on Commercial Shellfish Harvest: The Case of Soft-shell Clams in Machias Bay, Maine.” *Ocean & Coastal Management*. 130: 196-204.
7. Noblet, Caroline L., Mario F. Teisl, **Keith S. Evans**, Mark W. Anderson, Shannon K. McCoy and Edmund Cervone. (2015) “Public Preferences for Investments in Renewable Energy Production and Energy Efficiency.” *Energy Policy*. 87: 177-186.
8. **Evans, Keith S.** and Quinn Weninger. (2014) “Information Sharing and Cooperative Search in Fisheries.” *Environmental and Resource Economics*. 58(3): 353-372.

Conference Proceedings and Other Publications

1. **Evans, Keith S.**, Joseph A. Herriges, and Catherine L. Kling. “The Iowa Lakes Valuation Project 2009: Summary and Findings.” (Report for the Iowa Department of Natural Resources) 2011.
2. **Evans, Keith S.** and Quinn Weninger. “Fleet Restructuring Under Rights-Based Fisheries Management Programs: A Literature Review.” (Report for National Marine Fisheries Service) 2010.
3. **Evans, Keith S.** and Joseph A. Herriges. “Rounding in Recreation Demand Models: A Latent Class Count Model.” *W2133: Benefits and Costs of Natural Resources Policies Affecting Public and Private Lands Twenty-Second Interim Report and Proceedings from the Annual Meeting*, 2010, Volume 2, 276-291, Tucson, AZ.
4. Bennett, David, Yu Zeng, Wenwu Tang, **Keith S. Evans**, Susan Gilbertz, David McGinnis, Sheila McGinnis and Paul Robbins. “Capturing Human/Environment Feedback Processes in an Agent-based Model.” *Proceedings of GIScience*, 2010, Zurich, Switzerland.

In Progress/Under Review: † denotes a graduate student

1. **Evans, Keith S.**, Brian Chezum, Emily J. Plant, and C. Jill Stone. “Measuring a Middleman’s Reputation: A Blinder-Oaxaca Decomposition in the DYMIMIC Model.” (under review)
2. Brayden, Christain[†], Caroline L. Noblet, **Keith S. Evans**, and Laura Rickard “Assessing Consumer Preferences for Seafood Labels; The Role of Production Method, Certification, and Origin on Wild Harvested and Aquaculture-Raised Products.” (under review)
3. **Evans, Keith S.**, Mario F. Teisl, Amy M. Lando, and Sherry T. Liu. “Risk Perceptions and Food Handling Practices in the Home.” (manuscript in preparation)
4. Robichaud[†], Christina A. and **Keith S. Evans** “A Spatial Analysis of Implicit Prices for Marine Aquaculture.” (in progress)
5. **Evans, Keith S.** and Caroline L. Noblet. “Public Preferences for Fished or Farmed Marine Space.” (in progress)

Conference, Seminar, and Invited Talks

Presentations and Posters: † denotes a graduate student

Evans, K.S., M.F. Teisl, A.M. Lando, and S.T. Liu “Improved Understanding of Risk Perception Impacts on Food-Handling Practices.” Agricultural and Applied Economics Association. July 31, 2017. *Conference Poster*.

Evans, K.S. and C.L. Noblet “Public Preferences for Marine Development in Shared Multi-use waters.” Northeastern Agricultural and Resource Economics Association (NAREA). June 12, 2017. Washington, D.C.

Rosebush[†], D. and **K.S. Evans** “A Changing Cooperative Perspective: Angling for Truth.” Maine Economics Conference. April 29, 2017. *Poster Presentation*.

Robichaud[†], C.A. and **K.S. Evans** “Valuing Marine Aquaculture and Coastal Viewscapes.” Maine Economics Conference. April 29, 2017. *Poster Presentation*.

Chen[†], S. and **K.S. Evans** “Assessing the Impact of Pollution Closures on the Soft-Shell Clam (*Mya arenaria*) fishery in Maine.” Maine Sustainability and Water Conference. March 30, 2017. *Poster Presentation*.

Liddel[†], C., C.L. Noblet, and **K.S. Evans** “Building Maine’s Economic Future: Can Forestry and Outdoor Recreation Coexist?” Maine Sustainability and Water Conference. March 30, 2017. *Poster Presentation*.

Evans, K.S., X. Chen, and C.A. Robichaud[†] “A Hedonic Analysis of the Impact of Marine Aquaculture on Coastal Housing Prices in Maine.” *Invited talk* at St. Lawrence University, Canton, NY. October 2016.

Robichaud[†], C.A., **Evans, K.S.**, and S.P. Hanes. “Siting Aquaculture in Coastal Waters: Exploring Conflicts in Public Lease Hearings.” Agriculture and Applied Economics Association (AAEA) Annual Meeting, Boston, MA, August 2016. *Poster Presentation*.

Evans, K.S., X. Chen, and C.A. Robichaud[†] “Siting Aquaculture in Coastal Waters: Measuring the Impact on Residential Property Values.” Northeast Agricultural and Resource Economics Association (NAREA) Workshop, Bar Harbor, ME. June 2016.

Noblet, C.L., **K.S. Evans**, E. Fox[†], K.P. Bell, and A. Kaminski[†]. “Citizen Choices for Allocating Coastal Water Quality Funds.” Northeast Agricultural and Resource Economics Association (NAREA) Workshop, Bar Harbor, ME. June 2016.

Kaminski[†], A., K.P. Bell, C.L. Noblet, and **K.S. Evans**. “Assessing the Demand for Safety Information on Coastal Beaches.” Northeastern Agricultural and Resource Economics Association (NAREA) Workshop. Bar Harbor, ME. June 2016.

Kaminski[†], A., K.P. Bell, C.L. Noblet, **K.S. Evans**. “An Economic Evaluation of the Demand for Beach Safety Information.” EPA Recreational Waters Conference. New Orleans, LA. April 2016. *Poster Presentation*.

Robichaud[†], C.A., **K.S. Evans**, X. Chen, and S.P. Hanes. “Siting Aquaculture in Coastal Waters: Exploring Social Acceptance.” University of Maine Graduate and Undergraduate Research Symposium. Bangor, ME. May 2016. *Poster Presentation*.

Bell, K.P., **K.S. Evans**, C.L. Noblet, and A. Kaminski[†]. “Beach Recreation, Coastal Water Quality, and Beach Advisories: Lessons from Maine and New Hampshire.” W-3133 Annual Meeting. Portland, OR. February 2016.

Evans, K.S., K. Athearn, X. Chen, K.P. Bell, and T. Johnson. “Impact of Pollution Closures on Commercial Harvest of Soft-shell Clams in Machias Bay.” Maine Economics Conference, Brunswick, ME, May 2015.

Noblet, C.L., M.F. Teisl, **K.S. Evans**, M.W. Anderson, S. McCoy, and E. Cervone. “Public Preferences for Investments in Renewable Energy Production and Energy Efficiency.” Maine Economics Conference. Brunswick, ME. May 2015.

Evans, K.S., K. Athearn, X. Chen, K.P. Bell, and T. Johnson. “Estimating the Economic Losses from Wastewater Treatment Plant Closures on Machiasport Soft-shell Clam Harvest.” Maine’s Fishermen Forum, Rockport, ME. March 2015.

Evans, K.S. “Of Fish and Fishermen: An Introduction to Fishery Economics.” Invited lecture for Stimulating Opportunities after Retirement (SOAR), Potsdam, NY. November 2013.

Evans, K.S., J. Dumortier, C. Grebitus, and P.A. Martin. “The Influence of Trust and Attitudes on the Purchase Frequency of Organic Produce.” Agriculture and Applied Economics Association (AAEA) annual meeting, Washington, D.C., August 2013.

Chezum, B., **K.S. Evans**, E.J. Plant, C.J. Stone. “An Empirical Analysis of Reputation Effects.” Southern Economic Association (SEA) annual meeting, New Orleans, LA. November 2012.

Weninger, Q. and **K.S. Evans**. “Fleet Rationalization Under Individual Transferable Quotas” Heartland Environmental and Resource Economics (HERE) Workshop, Urbana-Champaign, IL. October 2010.

Weninger, Q. and **K.S. Evans**. “Fleet Rationalization Under Individual Transferable Quotas: How Long is the Long Run?” World Congress of Environmental and Resource Economists (WCERE), Montreal, Quebec, Canada, June/July 2010.

Evans, K.S. and J.A. Herriges. “Rounding in Recreation Demand Models: A Latent Class Count Model.”

Midwest Economic Association (MEA) annual meeting, Evanston, IL. March 2010.

Environmental and Resources Workshop, Ames, IA. March 2010.

W2133 annual meeting, Tucson, AZ. February 2010.

Evans, K.S. and Q. Weninger. “Information Sharing and Cooperative Search in Fisheries.” Heartland Environmental and Resource Economics (HERE) Workshop, Urbana-Champaign, IL. October 2009.

Weninger, Q. and **K.S. Evans**. “Information Sharing and Fishing Success.” North American Association of Fisheries Economists (NAAFE) Forum, Newport, RI. May 2009.

Evans, K.S. and Q. Weninger. “Conflict or Cooperation: Voluntary Membership in a Fishing Cooperative.” Agriculture and Applied Economics Association (AAEA) annual meeting, Milwaukee, WI. July 2009.

Evans, K.S. “Swapping Fish Tales and Divvying Search: Cooperatives and Efficient Investment in Information.” Midwest Economic Association (MEA) annual meeting, Cleveland, OH. March 2009.

External Grants

Active participation (Amount: \$20,381,013; Percent responsible: \$333,020)

1. **(Co-PI)** Development of an Ecologically and Economically Viable Northern Shrimp (*Pandalus borealis*) Fishery in a Changing Gulf of Maine. Sponsor: Department of Commerce. NOAA Saltonstall-Kennedy Program. Duration: Sept. 2016 - Aug. 2018. Amount \$291,419; Percent responsible \$87,426.
2. **(PI)** Evaluating Anglers’ Response to Catch Restrictions: An Application to Atlantic Striped Bass. Sponsor: Department of Commerce. NOAA Cooperative Institute for the North Atlantic Region. Duration: Jun. 2016 - Nov. 2017. Amount \$89,594; Percent responsible \$89,594.
3. **(Level 1-faculty researcher)** Maine EPSCoR: The Nexus of Coastal Marine Social-Environmental Ecosystems and Sustainable Ecological Aquaculture. Sponsor: National Science Foundation - EPSCoR, Track 1 Program. Duration: Aug. 2014 - Jul. 2019. Amount \$20,000,000; Percent responsible \$156,000.

Teaching

Classes at University of Maine

Intermediate Microeconomic with Calculus (ECO 420)
 Introduction to Economic Statistics and Econometrics (ECO 485)
 Advanced Econometrics and Applications (ECO 531)
 Coastal and Marine Resource Management (SMS 598)
 Professional Habits of Mind (SMS 691)

Classes at St. Lawrence University

Introduction to Economics (ECON 100)
 Globalization Issues: Equity, the Environment, and Economic Growth (ECON 236)
 Intermediate Microeconomics (ECON 251)
 Supervised Independent Study (ECON 290)
 Environmental Economics (ECON 308)
 Econometrics (ECON 342)
 Resource Economics (ECON 384)
 Senior Seminar: Of Fish and Fishermen (ECON 450)

Classes at Iowa State University

Principles of Macroeconomics (ECON 102)

Professional Service and Affiliation

Reviewer for:

Choice
Eastern Economics Journal
Ecological Economics
Environmental and Resource Economics
Fisheries Bulletin
Journal of Computational Methods in Sciences and Engineering of IOS Press
Journal of Environmental Economics and Management
Journal of Environmental Management
Journal of Water Resource Planning and Management
Land Economics
Marine Policy
Marine Resource Economics
Ocean & Coastal Management
Sustainability

Membership with:

Association of Environmental and Resource Economists (AERE), 2006–present.
 Agricultural and Applied Economics Association (AAEA), 2006–present.
 Northeastern Agricultural and Resource Economics Association (NAREEA), 2015–present.
 North American Association of Fisheries Economists (NAAFE), 2016–present.

Advising

Graduate Students at the University of Maine

Olga Bredikhina, MS in Resource Economics and Policy, School of Economics, 2017-present.
Avery Cole, MA in Economics, School of Economics, 2017-present.
Amy Hillard, MS in Resource Economics and Policy, School of Economics, 2017-present.
Ashley Charleson, MS in Marine Policy and Marine Biology, School of Marine Sciences, 2016-present.
Shuling Chen, MS in Marine Policy and Marine Biology, School of Marine Sciences, 2016-present.
Chelsea Liddel, MS in Resource Economics and Policy, School of Economics, 2016-present.
Drew Rosebush, MS in Resource Economics and Policy, School of Economics, 2016-present.
Christina Robichaud, MS in Resource Economics and Policy, School of Economics, 2015-2017.

Undergraduate Research Students at the University of Maine

Abigail Sennick, Honors Advisor, 2016.

Undergraduate Research Students at St. Lawrence University

Christina Robichaud, Honors Advisor, 2013-2014.
Andrew Chan, St. Lawrence University Research Fellow, Summer 2013.
Tonisha Kerr, McNair Research Scholar, Summer 2013.
Joshua Robinson, Honors Advisor, 2012-2013.
Chl   Whalen, Honors Advisor, 2012-2013.
Carolyn Stiles, Second Reader on Honors Project, 2011-2012.

Technical Skills

MATLAB, GAUSS, STATA, L^AT_EX, ArcGIS (basic)

Last updated: August 7, 2017