



“Economic Impacts of Private Sector Aquaculture-Based Recreational Fishing in the Western USA” (with D. Larson, S. Davies, A. Davies, J. Loomis, C. Myrick, F. Conte, J. Boren, K. Fitzsimmons, G. Fornshell, and A. Seidl), WRAC-USDA, \$198,268 Sep., 2007 – Sep., 2008.

"Optimal Land Use for Long-Term Community Stability" (with E. Page, A. Seidl, and M. Sullins), Cooperative Extension Venture Capital Fund Proposal, \$10,121, January, 2007-December, 2008.

"Pine Population Projections and Social Perceptions: Evaluating Management Options to Sustain High Elevation Pine Ecosystems in the Presence of an Invasive Pathogen" (with A. Schoettle and P. Champ), RMRS, USDA Forest Service, \$55,000, 2007-2008.

“Multi-disciplinary Work Group for Biofuel from Oilseed Crops in Colorado” (with J. Johnson, P. Byrne, G. Paterson, S. Archibeque, C. Bond, N. Hansen, A. Helm, J. McKay, D. Olsen, and M. Wilson). Capacity Building Proposal to the Clean Energy Supercluster, \$15,000, 2008-2009.

“Efficient Management of White Pine Blister Rust in High Elevation Ecosystems: A Dynamic Modeling Approach” (with P. Champ, A. Schoettle, W.R. Jacobi, R. Koski, C. Nelson, and R. Sniezko). Program of Research on the Economics of Invasive Species Management (PREISM), USDA-ERS, \$178,034, 2008-2010.

“Adaptive Management of Zebra and Quagga Mussels in Colorado” (with D. Deisenroth and C. Goemans), Colorado Water Institute, \$85,000, 2009-2011.

“Advanced Optimization Algorithms for Hydropower Dispatch” (with D. Harpman, D. Fontane, and G. Heine), United States Bureau of Reclamation, \$150,000, 2010-2011.

**Economics and Finance, University of Stavanger, Norway**

*Visiting Associate Professor (Førsteamanuensis)*

2011 - present

Classes Taught: MØA350: Environmental and Resource Economics  
(Resource Economic module in Spring, 1-3 weeks)

**Non-Academic Professional Experience**

**Lead Economist**, *Jacksonville Economic Development Commission*, 1999 – 2000.

Conducted regional economic analysis and financial analysis of various urban development projects.

**Associate Economic Analyst**, *Regional Economic Models, Inc.*, 1997 – 1998.

Provided economic consultation services for clients and presented numerous seminars on the use of regional structural general equilibrium economic models.

**PUBLICATIONS AND WORKS IN PROGRESS**

**Published Journal Articles and Peer Reviewed Works and Proceedings**

Costanigro, M., C.A. Bond, and J. McCluskey. Forthcoming. “Reputation Leaders and Quality Laggards: The Incentive Structure in Markets with Both Private and Collective Reputations.” *Journal of Agricultural Economics*.

Arthur, M., C.A. Bond, and B. Willson. Forthcoming. “Estimation of Elasticities for Domestic Energy Demand in Mozambique.” *Energy Economics*.

- Deisenroth, D., C.A. Bond, and J. Loomis. Forthcoming. "The Economic Contribution of the Private, Recreation-Based Aquaculture Industry in the Western United States." *Aquaculture Economics and Management*.
- Meldrum, J.R., P.A. Champ, and C.A. Bond. 2011. "Valuing the Forest for the Trees: Willingness to Pay for White Pine Blister Rust Management." In: Keane, R.E.; D.F. Tomback, M.P. Murray, and C.M. Smith, eds. *The future of high-elevation, five-needle white pines in Western North America: Proceedings of the High Five Symposium*. 28-30 June 2010; Missoula, MT. Proceedings RMRS-P-63. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 376 p. Online at [http://www.fs.fed.us/rm/pubs/rmrs\\_p063.html](http://www.fs.fed.us/rm/pubs/rmrs_p063.html).
- Bond, C.A., P.A. Champ, J.R. Meldrum, and A.W. Schoettle. 2011. "Investigating the Optimality of Proactive Management of an Invasive Forest pest." In: Keane, R.E.; D.F. Tomback, M.P. Murray, and C.M. Smith, eds. *The future of high-elevation, five-needle white pines in Western North America: Proceedings of the High Five Symposium*. 28-30 June 2010; Missoula, MT. Proceedings RMRS-P-63. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 376 p. Online at [http://www.fs.fed.us/rm/pubs/rmrs\\_p063.html](http://www.fs.fed.us/rm/pubs/rmrs_p063.html).
- Bond, C.A., D.L. Hoag, and G. Kipperberg. 2011. "Agricultural Producers and the Environment: A Stated Preference Analysis of Colorado Corn Producers." *Canadian Journal of Agricultural Economics* 59: 127-144.
- Bond, C.A., D.L. Hoag, and J. Freeborn. 2011. "Are Agricultural PACs Monolithic? An Empirical Investigation of Political Contributions from Agricultural Subsectors." *American Journal of Economics and Sociology* 70(1): 210-237.
- Bond, C.A. 2010. "On the Potential Use of Adaptive Control Methods for Improving Adaptive Natural Resource Management." *Optimal Control Applications and Methods* 31:55-66.
- Bond, C.A. and J.B. Loomis. 2009. "Using Numerical Dynamic Programming to Compare Passive and Active Learning in the Adaptive Management of Nutrients in Shallow Lakes." *Canadian Journal of Agricultural Economics* 57(4): 555-573.
- Deisenroth, D., J.B. Loomis, and C.A. Bond. 2009. "Non Market Valuation of Off-Highway Vehicle Recreation in Larimer County, Colorado: Implications of Trail Closures." *Journal of Environmental Management* 90(11): 3490-3497.
- Bond, C.A., K. Giraud, and D. Larson. 2009. "Payment Schedules, Discount Rates, and Valuation of Public Goods." *Ecological Economics* 68(11):2751-2759.
- Keeling Bond, J., D. Thilmany, and C.A. Bond. 2009. "What Influences Consumer Choice of Fresh Produce Purchase Location." *Journal of Agricultural and Applied Economics* 41(1):61-74.
- Loomis, J., C.A. Bond, and D. Harpman. 2009. "The Potential of Agent Based Modeling for Evaluating the Economic Efficiency of Adaptive Natural Resource Management." *Journal of Natural Resources Policy Research*, 1(1), 35-48.
- Bond, C.A., D. Thilmany, and J. Keeling Bond. 2008. "What to Choose? The Value of Label Claims to Produce Consumers." *Journal of Agricultural and Resource Economics*, 33(3), 402-427.
- Bond, C.A. and Y.H. Farzin. 2008. "Alternative Sustainability Criteria, Externalities, and Welfare in a Simple Agroecosystem Model: A Numerical Analysis." *Environmental and Resource Economics*, 40(3):383-399.

- Bond, C.A., D. Thilmany, and J. Keeling Bond. 2008. "Understanding Consumer Interest in Product and Process-Based Attributes for Fresh Produce." *Agribusiness: An International Journal*, 24(2), 231-252.
- Bond, C.A. and Y.H. Farzin. 2008. "Agroecosystem Modeling and Optimal Economic Decisions: Implications for Sustainable Agriculture." *Optimal Control Applications and Methods* 29(1), 59-80.
- Thilmany, D., C.A. Bond, J.K. Bond, 2008, Going Local: Exploring Consumer Behavior and Motivations for Direct Food Purchases, *American Journal of Agricultural Economics* 90(5): 1303-1309.
- Bond, C.A. and Y.H. Farzin. 2007. "Estimating Agricultural Abatement Costs at the Plot Level using Experimental Data: A Maximum Entropy Approach." *Journal of Agricultural and Resource Economics* 32(2):273-290.
- Keeling Bond, J., D. Thilmany, and C.A. Bond. 2006. "Direct Marketing of Produce: Understanding Consumer Purchasing Decisions." *Choices* 21(4), 1-6.
- Farzin, Y.H., and C.A. Bond. 2006. "Democracy and Environmental Quality." *Journal of Development Economics* 81: 213-235.
- Giraud, K., C.A. Bond, and J.J. Bond. 2005. "Consumer Preferences for Specialty Made Food Products Across Northern New England." *Agricultural and Resource Economics Review* 34(2), 204-216.
- Bond, C.A., C.A. Carter, and Y. H. Farzin. 2005. "Economic and Environmental Impacts of Herbicide-Tolerant Transgenic Rice Adoption in California." *Giannini Foundation Research Report* 350, University of California.
- Bond, C.A., C.A. Carter, and Y.H. Farzin. 2003. "Medium Grains, High Stakes: Economics of Genetically Modified Rice in California." *AgBioForum*, 6(4), 146-154.

#### **Manuscripts under Review**

- Bond, C.A. and T. Iverson. "Modeling Information in Environmental Decision-Making." Revised and Resubmitted, *Western Economics Forum*, February, 2012.
- Bond, C.A. "Alternative Information Regimes in Renewable Resource Management with Irreversible Regime Shifts: A State Space Approach." Submitted, *Journal of Environmental Economics and Management*, November, 2011.
- Meldrum, J., P. Champ., and C.A. Bond. "Attitudes and Nonmarket Valuation: Heterogeneous Valuation of a Forest Invasive Species Management Program." Submitted, *Journal of Forest Economics*, November, 2011.
- Deisenroth, D., J. Loomis, and C.A. Bond. "Using the Random Utility Model to Account for Substitution Effects in Economic Impact Analysis." Submitted, *Annals of Regional Science*, August, 2011.

#### **Non-Reviewed Proceedings and Abstracts**

- Deisenroth, D., C.A. Bond, S. Davies, J. Loomis, A. Seidl, A. Davies, C. Myrick, K. Fitzsimmons, G. Fornshell, F. Conte, and J. Boren, 2009, Economic Contribution of the Aquacultural Suppliers of Recreational Fish in the Western U.S., Abstract in: *Journal of Agricultural and Resource Economics*, 34(3), 540-541.

- Bond, C.A. and J. Loomis, 2009, Informing Optimal Experimentation and Adaptive Management through Dynamic Modeling with Multiple Controls, Abstract in: *Journal of Agricultural and Resource Economics*, 34(3), 548-549.
- Hamdan, O., C.A. Bond, and K. Giraud, 2009, Consumer Willingness to Pay for Locally Made Specialty Food in New Hampshire: Effects of Promotional and Local Branding Programs, Abstract in: *Journal of Agricultural and Resource Economics*, 34(3), 548-548.
- Bond, C.A. and J. Loomis, 2008, Informing Optimal Experimentation and Adaptive Management through Dynamic Modeling with Multiple Controls, Abstract forthcoming in *Journal of Agricultural and Resource Economics*, 34(3).
- Nurse-Schorre, G., D. Thilmany, J. Keeling Bond, C. Bond, and M. Bunning, 2008, Eat your Fruits and Veggies: Who Informs Consumers about Produce Choices and Nutrition, In: *Journal of Food Distribution Research* 39(1), 104-109.
- Bond, C.A. and J. Loomis, 2008, Adaptive Management and the Economics of Shallow Lakes, Abstract In: *Journal of Agricultural and Resource Economics*, Abstract In: *Journal of Agricultural and Resource Economics*, 33(3).
- Lloyd, J., D. Thilmany, C.A. Bond, and J.K. Bond, 2008, Demand for Local Foods: A Market Assessment of Potential Sales for Northern Colorado, Abstract In: *Journal of Agricultural and Resource Economics*, 33(3), 493-493.
- Thilmany, D., C.A. Bond, J. K. Bond, C. Stushnoff, F. Stonaker, M. Bunning, and P. Kendall, 2007, Eat your Fruits and Veggies: Exploring Fresh-Produce Market Choices, In: *Journal of Food Distribution Research* 38(1), 155-160.
- Kipperberg, G., C.A. Bond, and D. Hoag, 2007, A Panel Mized Logit Analysis of Colorado Corn Farmers' Stated Preferences for Private-Public Irrigation System Attributes, Abstract In: *Journal of Agricultural and Resource Economics*, 32(3).
- Keeling-Bond, J., C.A. Bond, D. Thilmany, and K. Ryan, 2007, Discovering Niche Markets for Fresh Produce: An Exploration into Consumer RTP and MTP for Vitamin Enhanced, Locally Grown and Organic Melons, Abstract In *Journal of Agricultural and Resource Economics* 32(3).
- Keeling-Bond, J., D. Thilmany, K. Ryan, and C.A. Bond, Where do Consumers Shop for Fresh Produce and Why?, In: Proceedings of the WERA-72 Annual Meetings, WERA-72, 2007.
- Thilmany, D., J. Keeling Bond, and C.A. Bond, 2006, Direct Marketing of Fresh Produce: Understanding Consumer Purchasing Behavior. Abstract In: *Journal of Agricultural and Resource Economics* 31(3).
- Farzin, Y.,H., and C.A. Bond. 2004. "Democracy and Environmental Quality." Abstract published by SSRN in *Environmental Economics Abstracts*, Working Paper series, 9(13), ID number 502923.

#### **Extension and Outreach Publications**

- Zhang, T., D. Deisenroth, and C.A. Bond, 2011, What is the Value of a Fishing Trip? A Comparison of Public and Private Anglers in Colorado and California, *Environmental Management and Policy Report* EMPR 11-01, Colorado State University, 8 pp.
- Bond, C.A., 2011, Economics of Blister Rust Management, *Nutcracker Notes*, 20: Summer, 9-11.
- Deisenroth, D. and C.A. Bond, 2010, Progress Report: The Economic Contribution of the Private Recreation-Based Aquaculture Industry in the Western United States, *The Fishline*, 22(1).

- Deisenroth, D. and C.A. Bond, 2010, The Aquacultural Suppliers of Recreational Fish (ASRF): A Look at the Freshwater Recreational Fish Industry in the Western United States, *Economic Development Report* EDR 10-01, Colorado State University, 11 pp.
- Deisenroth, D. and C.A. Bond, 2009, Combining Information from Private Aquaculture Facilities, Private Fisheries, and Anglers to Estimate the Economic Contribution of the Aquacultural Suppliers of Recreational Fish, *The Fishline*, 21(4), 10.
- Deisenroth, D. and C.A. Bond, 2009, Moving Forward With the Economic Contribution of the Aquacultural Suppliers of Recreational Fish, *The Fishline*, 21(3), 10.
- Deisenroth, D. and C.A. Bond, 2009, Update: Estimating the Economic Contribution of the Aquacultural Suppliers of Recreational Fish (ASRF) in the Western U.S., *The Fishline*, 21(2), 11.
- Deisenroth, D. and C.A. Bond, 2009, Update: Estimating the Economic Contribution of the Aquacultural Suppliers of Recreational Fish (ASRF) in the Western United States, *The Fishline*, 21(1), 4-5.
- Diesenroth, D. and C.A. Bond, 2009, Annual Report, Economic Impacts of Private Sector Aquaculture-Based Recreational Fishing in the Western USA., Western Regional Aquaculture Association, 52 pp.
- Bond, C.A., 2009, Estimating Economic Impacts, *Waterlines*, 15(1), 15-16.
- Diesenroth, D. and C.A. Bond, 2008, Annual Report, Economic Impacts of Private Sector Aquaculture-Based Recreational Fishing in the Western USA, Western Regional Aquaculture Association, 20 pp.
- Bond, C.A. and D. Deisenroth, 2008, Phase One of Colorado State University Study on the Economic Impacts of the Aquacultural Suppliers of Recreational Fish Nearing Completion, *The Fishline*, 20(4), 5.
- Bond, C.A. and D. Deisenroth, 2008, The Economic Impacts of the Aquacultural Suppliers of Recreational Fish Phase One Nearing Completion, *The Fishline*, 20(3), 8.
- Bond, C.A. and D. Deisenroth, 2007, Colorado State University to Lead Effort to Quantify Economic Contribution of Recreational Fish Producers, *The Fishline*, 19(4), 1.
- J. K. Bond, J. Lloyd, D. Thilmany, and C.A. Bond, 2007, Exploring the Increased Interest in Fresh Produce: Making the Most of the Changing Marketplace, *Agricultural Marketing Report* AMR 07-04, Colorado State University, 8 pp.
- Thilmany, D.D, J.K. Bond, and C.A. Bond, 2007, Buy Local, Buy Fresh? Exploring Local Fresh Produce Consumer Motivations and Interests, *Agribusiness Marketing Report* ABMR 07-03, Colorado State University, 7 pp.
- Bond, C.A., K. Konsky, and Y.H. Farzin, 2007, Putting a Value on Environmental Services, Quality, *Sustainable Agriculture Farming Systems Newsletter* 7(3), University of California, 1-3.
- Farzin, Y.H. and C.A. Bond, 2006, Democracy and Environmental Quality, *Agricultural and Resource Economics Update* 9(4), University of California, 5-8.
- Bond, C.A. and K. Klonsky, 2006, Ecological and Economic Indicators for Sustainability, *Sustainable Agriculture Farming Systems Newsletter* 6(3), University of California, 1-3.

Bond, C.A., Colin A. Carter, and Y. Hossein Farzin, 2004, Grower Benefits from the Adoption of Genetically Modified Rice in California, *Agricultural and Resource Economics Update* 7(4), University of California, 1-4.

Bond, C.A. 1997. *The Economic Impact of Restoration and Subsequent Operation of the Northern Hotel in Fort Collins, Colorado: An Extended Input-Output Study*. Unpublished Masters Technical Paper, Colorado State University.

## **PRESENTATIONS**

### **Conference/Summer School Presentations**

July, 2011, The Value of Learning in Ecological Systems with Irreversible Threshold Effects, *Annual Meeting of the Western Agricultural Economics Association (WAEA)*, Banff, Alberta, CA.

June, 2011, The Effect of Uncertain Outcomes on the Willingness to Pay for Environmental Programs (with P. Champ and J. Meldrum), *Annual Meeting of the Western Agricultural Economics Association (WAEA)*, Banff, Alberta, CA.

June, 2011, Importance and Consumer Knowledge of Potato Attributes: A Best-Worst Analysis (with D. Iverson and J.K. Bond), *Annual Meeting of the Western Agricultural Economics Association (WAEA)*, Banff, Alberta, CA.

May, 2011, Efficient Management of White Pine Blister Rust in High Elevation Ecosystems – Final Report (with P. Champ, A. Schoettle, W. Jacobi, and J. Meldrum), *2011 PREISM Workshop*, USDA-ERS, Washington, D.C.

October, 2010, Economic Contributions of Private, Recreation-Based Aquaculture in the Western United States – Termination Report (with D. Deisenroth), *WRAC 2010 IAC/TC Meeting*, Spokane, WA.

July, 2010, Proactive or Reactive? Optimal Management of an Invasive Forest Pest in a Spatial Framework (with P. Champ, J. Meldrum, and A. Schoettle), *Agricultural and Applied Economics Association (AAEA) Annual Meeting*, Denver, CO.

June, 2010, Informing Optimal Experimentation and Adaptive Management through Dynamic Modeling with Multiple Controls and a Sequential Entropy Filter (with J. Loomis), *Fourth World Congress of Environmental and Resource Economists*, Montreal, CA.

June, 2010, A Dynamic Model of White Pine Blister Rust in High-Elevation Forests: Increasing the Economic Efficiency of Management (with P. Champ, J. Meldrum, and A. Schoettle), “*High Five*” *Symposium: The Future of High Elevation Five-Needle White Pines in Western North America*, Missoula, MT.

March, 2010, Aquaculture and Stocking Recreational Water in the West: A Socioeconomic Assessment (with D. Deisenroth), *Aquaculture 2010: California Aquaculture Association Special Session*, San Diego, CA.

October, 2009, Efficient Management of White Pine Blister Rust in High Elevation Ecosystems: A Dynamic Modeling Approach (with P. Champ, A. Schoettle, W. Jacobi, and J. Meldrum), *2009 PREISM Workshop*, USDA-ERS, Washington, D.C.

June, 2009, Informing Optimal Experimentation and Adaptive Management through Dynamic Modeling with Multiple Controls (with J. Loomis), *Annual Meeting of the Western Agricultural Economics Association (WAEA)*, Lihue, HI.

June, 2008, Adaptive Management and the Economics of Shallow Lakes (with J. Loomis), *Annual Meeting of the Western Agricultural Economics Association (WAEA)*, Big Sky, MT.

February, 2008, The Potential of Agent Based Modeling for Improving the Economic Efficiency of Adaptive Natural Resource Management (with J. Loomis and D. Harpman), *Annual Meeting of the Western Regional Science Association (WRSA)*, Waikoloa, HI.

February, 2008, Expected Profit or Multiattribute Objectives: A Stated Preference Analysis of Colorado Corn Farmers (with G. Kipperberg and D. Hoag), *W2133 Annual Meeting*, Waikoloa, HI.

July/August, 2007, What to Choose? The Value of Label Claims to Produce Consumers (with D. Thilmany and J.K. Bond), *Annual Meeting of the American Agricultural Economics Association (AAEA)*, Portland, OR.

July, 2006, Multi-Sector Sustainability in Agroecosystem Environments: Using Value Function Iteration for Numerical Solutions (with Y.H. Farzin), *Annual Meeting of the American Agricultural Economics Association (AAEA)*, Moderator (additional session), Long Beach, CA.

July, 2006, Efficiency and Equity: Sustainability Tradeoffs in an Agroecosystem Model (with Y.H. Farzin), *Third World Congress of Environmental and Resource Economists*, Session Chair, Kyoto, Japan.

August, 2004, A Portfolio of Nutrients: Soil and Sustainability (with Y.H. Farzin), *Annual Meeting of the American Agricultural Economics Association (AAEA) Annual Meeting*, Denver, CO.

July, 2004, Multiple Nutrient Stocks and Sustainability in Agriculture (with Y.H. Farzin), *EAERE/Fondazione Eni Enrico Mattei (FEEM)/ Venice International University (VIU) European Summer School in Resource and Environmental Economics, Dynamic Models in Economics and the Environment*, Venice, Italy.

June, 2004, Multiple Nutrient Stocks and Sustainability in Agriculture (with Y.H. Farzin), *Thirteenth Annual Conference of the European Association of Environmental and Resource Economists (EAERE)*, Budapest, Hungary.

July, 2002, Temporal Payment Issues in Contingent Valuation Analysis (with K. Giraud and D. Larson), *Annual Meeting of the American Agricultural Economics Association (AAEA) Annual Meeting*, Long Beach, CA.

### **Seminar/Guest Lecture Presentations**

November, 2011. Growers and Anglers: Economic Aspects of Recreational Fishing in the West (with D. Deisenroth). *Invited Presentation, American Fisheries Society*, Colorado State University, Fort Collins, CO.

April, 2011. Measuring Economic and Ecological Tradeoffs: A Tale of 'Ologists and 'Ists Working Together (with P. Champ, J. Meldrum, and A. Schoettle), *Invited Presentation, Interactions of Society and the Environment Seminar Series (ISESS)*, U.S. Forest Service, Fort Collins, CO.

March, 2011. Learning about Thresholds: Optimal Experimentation and Adaptive Management of a Lake Resource, *Invited Presentation*, University of Stavanger, Stavanger, Norway.

April, 2010. Environmental and Natural Resource Economics and Policy: An Introduction. Guest Lecture, *NR 192, First Year Seminar in Environmental Studies*, Colorado State University, Fort Collins, CO.

March, 2010. Preparing the Battlefield: Exploring Incentives for Proactive Management of a Forest Pest (with P. Champ, J. Meldrum, and A. Schoettle), *Spring 2010 DARE Wednesday Lunch Seminar Series*, Colorado State University, Fort Collins, CO.

March, 2010. Environmental and Natural Resource Economics and Policy: An Introduction. Guest Lecture, *AGRI 192/292, Orientation to Ag Systems/Transfer Seminar*, Colorado State University, Fort Collins, CO.

October, 2009. Economic Impacts of Private Sector Aquaculture-Based Recreational Fishing in the Western USA. *Annual Presentation, WRAC IAC/TC Annual Meeting*, Spokane, WA.

October, 2009. Efficient Management of White Pine Blister Rust in High Elevation Ecosystems: A Dynamic Modeling Approach. *Research Presentation, 2009 PREISM Workshop*, USDA-ERS, Washington, D.C.

January, 2009. Adaptive Management and Optimal Experimentation: The Case of the Shallow Lake. *Invited Presentation, Gamma Sigma Delta Seminar Series*, Colorado State University, Fort Collins, CO.

October, 2008. The Use of Adaptive Control in Adaptive Management Applications: The Case of Shallow Lakes. *Invited Presentation*, University of California, Davis, Davis, CA.

October, 2008. Adaptive Management and Adaptive Control: Learning about Shallow Lakes. *Invited Presentation*, University of Nevada, Reno, Reno, NV.

October, 2008. Optimal Experimentation: Learning, Dynamics, and Adaptive Management of Shallow Lakes. *Fall 2008 DARE Friday Lunch Seminar Series*, Colorado State University, Fort Collins, CO.

September, 2006. Environmental Economics and Policy: An Introduction. Guest Lecture, *AGRI 192/292, Orientation to Ag Systems/Transfer Seminar*, Colorado State University, Fort Collins, CO.

February, 2006. Valuation of Public Goods using CVM with Temporal Variation in Payment Schedules (with D. Larson and K. Giraud), *Spring 2006 DARE Friday Lunch Seminar Series*, Colorado State University, Fort Collins, CO.

September, 2005. Comparing Physical and Economic Sustainability in a Multi-Sector Agro-Ecosystem, *Fall 2005 DARE Wednesday Lunch Seminar Series*, Colorado State University, Fort Collins, CO.

May, 2004. A Simple AgroEconomic Model of Soil as a Resource, or How I Learned to Stop Running Regressions and Love Analytics, *UC Davis Brown Bag Seminar*, University of California, Davis, Davis, CA.

March, 2003. Temporal Payment Issues in Contingent Valuation Analysis (with K. Giraud and D. Larson), *UC Berkeley - Davis Joint Seminar on Environmental and Resource Economics and Policy*, University of California, Berkeley, Berkeley, CA.

October, 2002. Policy Regime and the Environmental Kuznets Curve: A Decomposition (with Y.H. Farzin), *UC Davis Environmental and Resource Economics Seminar*, University of California, Davis, Davis, CA.

May, 2002. Temporal Payment Issues in Contingent Valuation Analysis (with K. Giraud and D. Larson), *UC Davis Environmental and Resource Economics Seminar*, University of California, Davis, Davis, CA.

### **Presentations by Co-Authors**

July, 2011. The Economic Significance of Bioeconomic Feedback Loops: Using the Random Utility Model to Inform a Bioeconomic Model of Western Fish Stocking (with D. Deisenroth), *Annual Meeting of the Western Agricultural Economics Association (WAEA)*, Banff, Alberta, CA, presented by D. Deisenroth.

February, 2011, Investigating Heterogeneity in Stated Preferences for Invasive Species Management in Non-commodity Forests (with J. Meldrum and P. Champ), *W-2133 Annual Meeting*, Albuquerque, NM, presented by J. Meldrum.

September, 2010, The Economic Contribution of the Private, Recreation-Based Aquaculture Industry in the Western United States (with D. Deisenroth), *United States Trout Farmers' Association and National Association of State Aquaculture Coordinators Joint Annual Meeting*, Branson, Missouri, presented by D. Deisenroth.

September, 2010, Valuing the Forest for the Trees, the Water, or the Future? (with J. Meldrum and P. Champ), *CU Environmental and Resource Economics Workshop 2010*, Vail, CO, presented by J. Meldrum.

July 2010, Investigating the Optimality of Proactive Management of an Invasive Forest Pest (with J. Meldrum, P. Champ, and A. Schoettle), *Fourth World Congress of Environmental and Resource Economists*, Montreal, CA, presented by J. Meldrum.

June, 2010, Valuing the Forest for the Trees: Willingness to Pay for White Pine Blister Rust Management (with P. Champ and J. Meldrum), *"High Five" Symposium: The Future of High Elevation Five-Needle White Pines in Western North America*, Missoula, MT, presented by J. Meldrum.

April, 2010, Don't Listen to Visa Ads, We Can Put a Price on Anything (with J. Meldrum and P. Champ), *Central Rockies White Pine Health Meeting*, Fort Collins, CO, presented by J. Meldrum.

June, 2009, Are Local Food Consumers Civic Minded or Seeking Assurances? Defining Policy Implications and the Research Agenda (with D. Thilmany McFadden, J. Bond, M. Bunning, Y. Onozaka, and G. Nurse), *C-FARE Lunch and Learn* with Ag Committee Staff, Washington, DC, presented by D. Thilmany McFadden.

June, 2009, Consumer Demand for Local Foods: Civic Minded or Seeking Assurances? (with D. Thilmany McFadden, J. Bond, M. Bunning, Y. Onozaka, and G. Nurse), invited talk, *USDA ERS Local Food Systems Conference*, Washington, DC, presented by D. Thilmany McFadden.

June, 2009, The Economic Contribution of the Aquacultural Suppliers of Recreational Fish in The Western United States (with D. Deisenroth), *Annual Meeting of the Western Agricultural Economics Association (WAEA)*, Lihue, HI.

June, 2009, External Validation of CV Using a Hypothetical Referendum: Comparing Hypothetical and Actual Voting Behavior for Open Space in Southern New Hampshire (with D. Deisenroth, K. Cullen, and G. Caporossi), *NAREA Annual Meeting*, Burlington, VT, presented by D. Deisenroth.

May, 2009, Consumers of Local Foods: Civic Minded or Seeking Assurances? (with D. Thilmany McFadden, J. Bond, M. Bunning, Y. Onozaka, and G. Nurse), *Northeast Rural Economic Development Center conference on Enhancing Local and Regional Food Systems: Exploring the Research, What Works, and What We Need to Learn*, Hudson Valley, NY, presented by D. Thilmany McFadden.

February, 2009, External Validation of CV Using a Hypothetical Referendum: Comparing Hypothetical and Actual Voting Behavior for Open Space in Southern New Hampshire (with D. Deisenroth, K. Cullen, and G. Caporossi), *Colorado State University Department of Agricultural and Resource Economics Graduate Student Symposium*, Fort Collins, CO, presented by D. Deisenroth.

October, 2008, Demand for Local Foods: A Market Assessment of Potential Sales for Northern Colorado (with D. Thilmany, J. Lloyd, and J.K. Bond), *2008 Food Distribution Research Society Meetings*, Columbus, OH, presented by D. Thilmany.

July, 2008, Locavores and Fresh Produce Markets: Motivations, Shopping Behavior and Potential for Growth (with D. Thilmany and J.K. Bond), Principal Paper, *Annual Meeting of the Agricultural and Applied Economics Association (AAEA)*, Orlando, FL, presented by D. Thilmany.

June, 2008, Demand for Local Foods: A Market Assessment of Potential Sales for Northern Colorado (with J. Lloyd, D. Thilmany, and J.K. Bond), *Annual Meeting of the Western Agricultural Economics Association (WAEA)*, Big Sky, MT, presented by J. Lloyd.

June, 2008. Non Market Valuation of Off Highway Vehicle Recreation in Larimer County, CO (with D. Deisenroth and J. Loomis), *Annual Meeting of the Western Agricultural Economics Association (WAEA)*, Big Sky, MT, presented by D. Deisenroth.

November, 2007, Eat your Fruits and Veggies More: Who Informs Consumers on Produce Choices and Nutrition? (with D. Thilmany, G. Nurse-Schorre, J.K. Bond, and M. Bunning), *Annual Meeting of the Food Safety Research Society*, New Orleans, LA, presented by D. Thilmany.

July/August, 2007, Discovering Niche Markets for Fresh Produce: An Exploration into Consumer RTP and MTP for Vitamin Enhancers, Locally Grown and Organic Melons (with J.K. Bond, D. Thilmany, and K. Ryan), *Annual Meeting of the Western Agricultural Economics Association (WAEA)*, Portland, OR, presented by J.K. Bond.

July/August, 2007, A Panel Mixed Logit Analysis of Farmers' Preferences for Private-Public Production System Attributes (with G. Kipperberg and D. Hoag), *Annual Meeting of the Western Agricultural Economics Association (WAEA)*, Portland, OR, presented by G. Kipperberg.

June, 2007, Where Do Consumers Shop for Fresh Produce and Why? (with D. Thilmany, J.K. Bond, and M. Bunning), *WERA-72 Annual Meeting*, Las Vegas, NV, presented by D. Thilmany.

October, 2006, Eat Your Fruits and Veggies: Exploring Fresh Market Produce Decisions (with D. Thilmany and J.K. Bond), *Annual Meeting of the Food Distribution Research Society*, New Orleans, LA, presented by D. Thilmany.

July, 2006, Understanding Fresh Produce: Consumers' Interest in Product and Process Based Attributes (with J.K. Bond and D. Thilmany), *Annual Meeting of the American Agricultural Economics Association (AAEA)*, Long Beach, CA, presented by J. Keeling Bond.

June, 2006, Direct Marketing of Fresh Produce: Understanding Consumer Purchasing Behavior, (with D. Thilmany and J.K. Bond), *Annual Meeting of the Western Agricultural Economics Association (WAEA)*, Anchorage, AK, presented by D. Thilmany.

## **AWARDS AND PROFESSIONAL SERVICE ACTIVITIES**

Co-Advisor (with C. Goemans), 2011 WAEA Outstanding Master's Thesis Award, *A Cost-Benefit Analysis of Preventative Management for Zebra and Quagga Mussels in the Colorado-Big Thompson System*, by Catherine Thomas.

2009 Charles N. Shepardson Faculty Teaching Award

2006 Gordon A. King Dissertation Award, University of California, Davis

Nominated, 2009 Best Teacher Award, CSU Alumni Association

Nominated, 2009 Outstanding Published Research Award of the Western Agricultural Economics Association

Reviewer for various journals and conferences, including AAEA and WAEA annual meetings, *Journal of Environmental Economics and Management*, *Journal of Agricultural and Resource Economics*, *Land Economics*, *Ecological Economics*, *Journal of Environmental Management*, *Journal of Development*

*Economics, Journal of Sports Economics, Review of Development Economics, Environmental and Resource Economics, Agricultural and Resource Economics Review, Journal of Regional Analysis and Policy, Optimal Control Applications and Methods, and Applied Mathematics Letters.*