

Faculty Accomplishments & News

Spring 2016



SCHOOL OF ECONOMIC SCIENCES

Issue 24

Spring 2016

Distributed June 2016

Welcome



The intent of this newsletter is to provide a summary of recent accomplishments of the School of Economic Sciences Faculty. The newsletter is issued three times per year, and contains publications, presentations, and other noteworthy information.

Journal Articles Accepted or Published

An Excessive Development of Green Products? **Espinola-Arredondo, A. and F. Munoz-Garcia.** *Economics of Governance*. 2016, 17(2), 101-129.

Batina, R. and G. Galinato. Forthcoming. "The Spillover Effects of Good Governance in a Tax Competition Framework with a Negative Environmental Externality," *Environmental and Resource Economics*.

Cassey, Andrew J. and Jeremy Sage. 2016. "Export Trends in Washington State, Vol. 8" Washington State University Extension fact sheet FS204E, Mar., <http://cru.cahe.wsu.edu/CEPublications/FS204E/FS204E.pdf>

Chouinard, H., G. Galinato, and P. Wandschneider. 2016. "Making Friends to Influence Others: Entry and Contribution Decisions that Affect Social Capital in an Association." *Economic Inquiry*. 54(2): 819-834.

Chouinard, Hayley H., Gregmar I. Galinato, Philip R. Wandschneider. 2016. "Making Friends to Influence Others: Entry and Contribution Decisions that Affect Social Capital in an Association," *Economic Inquiry*, 54(2):819-834. <http://onlinelibrary.wiley.com/doi/10.1111/ecin.12297/pdf>

Chouinard, Hayley H., Tobias Paterson, Philip R. Wandschneider. 2016. "Inferences from Sparse Data: An Integrated, Meta-Utility Approach to Conservation Research," *Ecological Economics*, 122:71-78. <http://www.sciencedirect.com/science/article/pii/S0921800915004620>

Awards

Jill McCluskey:
Faculty Excellence in Research Award, College of Agricultural, Human, and Natural Resource Sciences.

Jon Yoder
Winner of the College of Agriculture, Human, and Natural Resource Sciences Team Interdisciplinary Award for 2015.

Faculty News

Journal Articles Accepted or Published (continued)

Espinola-Arredondo, A. and F. Munoz-Garcia. Profit-Enhancing Environmental Policy: Uninformed Regulation in an Entry-Deterrence Model. Forthcoming in *Journal of Regulatory Economics*.

Galinato, G. and S. Galinato. 2016. "The Effects of Government Spending on Deforestation Due to Agricultural Land Expansion and CO2 Related Emissions." *Ecological Economics*. 122: 43-53.

Galinato, G.I., T. Nadreau and T. Skolrud. Forthcoming. "Who Pays and Who Benefits from a Revenue Neutral Carbon Tax? The Main Contributors and Beneficiaries from Washington State Initiative 732." *Western Economics Forum*

Galinato, G.I., T. Nadreau and T. Skolrud. Forthcoming. "How Does Washington State Initiative 732 Impact the Agriculture and Forestry Sectors?" *Western Economics Forum*.

Gallardo, R.K., J.F. Brunner, S. Castagnoli. "Capturing the Economic Value of Biological Control in Western Tree Fruit." *Biological Control*, Forthcoming.

Gallardo, R.K. and D. Zilberman. "The Economic Feasibility of Adopting Mechanical Harvesters by the Blueberry Industry." *HortTechnology*, Forthcoming.

Jones, V., N. Mills, J. Brunner, D. Horton, E. Beers, T. Unruh, P. Shearer, J. Goldberger, E. Milickzy, S. Steffan, K. Amarasekare, U. Chambers, A. Gadino, R.K. Gallardo, and W. Jones. "From Planning to Execution to the Future: An Overview of a Concerted Effort to Enhance Biological Control in Apple, Pear and Walnut Orchards in the Western U.S. Biological Control." *Biological Control*, Forthcoming.

Liu, B. and C.R. Shumway. "Substitution Elasticities between GHG Polluting and Nonpolluting Inputs in Agricultural Production: A Meta-Regression." *Energy Economics* 54 (Feb 2016):123-32.

McCluskey, J.J. 2016. "Diversify or Die: How increasing Diversity of People and Ideas Can Make Organizations More Competitive," *American Journal of Agricultural Economics* 98(2): 351–359.

Shrey, Sanatan, Hayley H. Chouinard, Jill J. McCluskey. 2016. "Product Differentiation by Package Size," *Agribusiness: An International Journal*, 32(1):3-15. <http://onlinelibrary.wiley.com/doi/10.1002/agr.21425/pdf>

Shumway, C.R., B.M. Fraumeni, L.E. Fulginiti, J.D. Samuels, and S.E. Stefanou. "U.S. Agricultural Productivity: A Review of USDA Economic Research Service Methods." *Applied Economics Perspectives and Policy* 38,1 (2016):1-29.

Shumway, C.R., B.W. Cowan, and D. Lee. "Testing the Induced Innovation Hypothesis: Accounting for Innovation Creation and Innovation Implementation Incentives." *AgBioForum* 18,3 (2015):303-11.

Yoder, Jonathan, Michael Brady, & Joseph Cook. Online 2016. Water markets and storage: Substitutes or complements for drought risk mitigation? *Water Economics and Policy* 2(2):xx-xx. <http://www.worldscientific.com/doi/abs/10.1142/S2382624X16500053?src=recsys>.

Yue, C., S. Zhao, R.K. Gallardo, V. McCracken, J.L. Luby, J. McFerson. "U.S. Growers' Willingness to Pay for Improvement in Rosaceous Fruit Traits." *Agricultural and Resource Economics Review*, Forthcoming.

Journal Articles Accepted or Published (continued)

Walters, C.G., C.R. Shumway, and D.R. Huggins. “Impacts of Terrain Attributes on Economics and the Environment: Costs of Reducing Potential Nitrogen Pollution in Wheat Production.” *Agricultural Economics*, forthcoming.

Wang, J., C. Yue, R.K. Gallardo, V. McCracken, J. Luby, and J. McFerson. “What Consumers are Looking for in Strawberries: Implications from Market Segmentation Analysis.” *Agribusiness: an International Journal*, Forthcoming.

Zheng, X., C. Yue, R.K. Gallardo, V. McCracken, J. Luby, and J. McFerson. 2016. “What Attributes Are Consumers Looking for in Sweet Cherries? Evidence from Choice Experiments.” *Agricultural and Resource Economics Review*, 45(1):124-142.

Working Papers

Astill, Gregory and C. Richard Shumway. “A Real Options Approach with Learning Spillovers: Investment in Anaerobic Digester Technology.” Working Papers 2016-1.

Astill, Gregory and C. Richard Shumway. “The Market Impact of Widespread Adoption of Anaerobic Digestion with Nutrient Recovery Technology in the US Dairy Industry.” Working Papers 2016-2.

Astill, Gregory and C. Richard Shumway. “Profits from Pollutants: Economic Feasibility of Integrated Anaerobic Digester Systems.” Working Papers 2016-5.

Galinato, G.I. and Y.A. Hong. “Corruption, Public Spending and Tobacco Use by Adolescents.” Working Paper 2016-9.

Galinato, G.I., Y. Zhou and B. Cowan. “How a Race to the Bottom Can Make You Fat.” Working Paper 2016-4.

Skolrud, T. and G.I. Galinato. “Welfare Implications of the Renewable Fuel Standard with an Integrated Tax Subsidy Policy.” Working Paper 2016-6.

Extension Bulletin

Galinato, S.P., T. Skolrud, G.I. Galinato, C.R. Shumway and J.K. Yoder. Forthcoming. Impacts of the Federal Biofuel Policy on the Pacific Northwest Cellulosic Ethanol Industry. Washington State University Extension Technical Bulletin.

Gallardo, R. K., and S. Galinato. “2014 Cost Estimates of Establishing, Producing, and Packing Red Delicious Apples in Washington.” Washington State University Extension Factsheet. TB07, May 2016.

Astill, G.M., C.R. Shumway, and C. Frear. *Anaerobic Digester System Enterprise Budget Calculator*. Washington State University, Center for Sustaining Agriculture and Natural Resources, 2016. <http://csanr.wsu.edu/anaerobic-digestion-systems/enterprise-budget-calculator/>

Grants

Gallardo, Karina. “Economic Impact of Apple Maggot Infestation” WATFRC, final grant report.

Professional Presentations

Webinar: Effectiveness of a PNW Revenue-Neutral Carbon Tax, March 2, 2016 (<https://www.youtube.com/watch?v=IPPMbolduHk>)

McCluskey, J.J. “Changing Food Demand and Consumer Preferences: Opportunities and Challenges,” Australian Agricultural and Resource Economics Society meetings, Canberra, Australia, February 2-5.

Sabasi, D. and C.R. Shumway. “Climate Change, Health Care Access, and Regional Influence on Components of U.S. Agricultural Productivity.” Presented at NC1034 Regional Research Conference, Tampa, FL, February 2016.

Waldrop, M. and J.J. McCluskey, “Impact of Organic, Sustainable, and Salmon-Safe Wine-Making Practices on Wine Prices,” presented at Dept. of Economics, Cal Poly, May 4, 2016

Yoder, Jonathan. 2016. Economic assessment of Integrated Water Resource Management: The Yakima Basin Integrated Plan. Invited presentation for the Geography and Water Resources Seminar Series, University of Idaho, Moscow, ID. 13 April.

Yoder, Jonathan. 2016. Economics of Externalities: The public costs and benefits of water and water management. Invited panel participant and presentation to the Center for Sustaining Agriculture and Natural Resources Advisory Committee Meeting. Ellensburg, Washington. March 2.