

# Faculty Accomplishments & News

## Summer 2012



SCHOOL OF ECONOMIC SCIENCES

Issue 13

Summer 2012

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### Welcome



Welcome! The intent of this newsletter is to provide a summary of recent accomplishments of the School of Economic Sciences Faculty. The newsletter will be issued three times per year, and each issue will contain publications, presentations, and other materials available since the last newsletter edition.

### Journal Articles Accepted or Published

**Espinola-Arredondo, A.** and **F. Munoz-Garcia** (forthcoming). "When does Environmental Regulation Facilitate Entry-Deterring Practices?" *Journal of Environmental Economics and Management*.

**Espinola-Arredondo, A.** and **H. Zhao** (2012). "Environmental Policy in a Linear City Model of Product Differentiation." *Environment and Development Economics* 17(4):461-477.

**Cassey, A.J.** and K.N. Schmeiser (2013). "Six Comparisons of Firm-level and Product-level Data" *Applied Economics Letters* 20(4):382-385.

**Cassey, A.J.** (2012). "California's Exports and the 2004 Overseas Office Closures" *Economic Inquiry* 50(3): 641-651.

**Cowan, B.** (in press). Education, Maternal Smoking, and the Earned Income Tax Credit (with Nathan Tefft). *B.E. Journal of Economic Analysis & Policy*.

**Gallardo, R.K., D. Nguyen, V. McCracken, C. Yue, J. Luby, and J. McFerson** (2012). "An Investigation of Trait Prioritization in Rosaceous Fruit Breeding Programs." *HortScience* 47:771-776.

Karuaihe, S., **P. Wandschneider, J. Yoder**, (2012) "Water Bill Estimation when Price is Cryptic: Experience from Windhoek, Namibia." *The South African Journal of Economics* 80(2)

McCullough, M., **T.L. Marsh**, and **R.G. Huffaker** (2012). "Endogenously Determined Cycles: Evidence from Livestock Industries." *Nonlinear Dynamics, Psychology, and Life Sciences* 16:205-231.

McCullough, M., T.G. Smith, and **T.L. Marsh** (2012). "Intertemporal Dependence in Alcohol Consumption Data: Evidence of Rational Addiction?" *Enometrics*, 5(1).

Melhim, A. and **C.R. Shumway** (2012). "Cost Economies in the Presence of Agricultural Contracts." *Applied Economics* Online version: <http://www.tandfonline.com/doi/abs/10.1080/00036846.2011.613780>.

### Awards

**Hayley Chouinard**, Western Agricultural Economics Association Undergraduate Teaching Award Less Than Ten Years Experience, 2012.

**Ron Mittelhammer**, Fellow of the Agricultural and Applied Economics Association.

**Ron Mittelhammer**, elected to the Washington State Academy of Sciences.

**Robert Rosenman**, Named Co-editor of *Economic Inquiry*.

**Jonathan Yoder**, promoted to Professor, Lone Mountain Fellowship, Property and Environment Research Center.

### Grants

**Michael Brady** and **Jon Yoder**, PI: Cailin Huyck-Orr, "Watershed Integrated System Dynamics Modeling (WISDM): Feedbacks among Biochemical Simulations, Stakeholder Perceptions, and Behavior" C.H. Orr et al. Total award: \$1,495,640.

**Andrew Cassey**, and Spencer Cohen. "Analysis of Washington State's Export Programs" Washington Economic Development Commission \$25,543.

**Gregmar Galinato, Suzette Galinato, Richard Shumway** and **Jonathan Yoder**. Effectiveness of a Pacific Northwest Revenue-Neutral Carbon Tax in the Context of the Federal Biofuel Policy. USDA-NIFA Grant Award. \$349,993.00.

**Thomas Marsh** and **Karina Gallardo** co-investigators (Doug Walsh project leader. USDA-SCRI. Funding \$1,800,000.

# Faculty News

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## Journal Articles Accepted or Published (cont'd)

**Munoz-Garcia, F.** (forthcoming). "When does Environmental Regulation Facilitate Entry-Detering Practices?" with Ana Espinola-Arredondo. *Journal of Environmental Economics and Management*.

**Munoz-Garcia, F.** (forthcoming). "Capacity Constrained Firms and Expansion Subsidies: Should Governments Avoid Generous Subsidies?" with Gulia Zaynutdinova. *Journal of Industry, Competition and Trade*.

**Munoz-Garcia, F.** (forthcoming). "A Systematic Procedure for Finding Perfect Bayesian Equilibria in Incomplete Information Games" *Journal of Industrial Organization Education*.

Payumo, J., H. Grimes and **P. Wandschneider** (2012). "Status of national intellectual property rights (IPRs) systems and its impact to agricultural development: a time series cross section data analysis of TRIPS member-countries." *International Journal of Intellectual Property Management* 5:(1)82-99.

Perevodchikov, E. V., **T.L. Marsh**, and **R.C. Mittelhammer** (2012). "Information Theory Estimators for the First-Order Spatial Autoregressive Model," *Entropy* 14:1165-1185.

**Rosenman, R.E., D. Friesner, R. Mittelhammer** (forthcoming). "Inferring the Incidence of Industry Inefficiency from DEA Estimates" *European Journal of Operations Research*.

Walters, C.G., **C.R. Shumway, H.H. Chouinard**, and **P.R. Wandschneider** (2012). "Crop Insurance, Land Allocation, and the Environment." *Journal of Agricultural and Resource Economics* 37:301-20.

**Young, D.L.** and W.F. Schillinger (2012). "Wheat Farmers Adopt the Undercutter Fallow Method to Reduce Wind Erosion and Sustain Profitability" *Soil and Tillage Research* 124:240-244.

**Young, D.L., S.P. Galinato** and **T.L. Marsh**. (2012). "Concerned about Camelina: Why Eastern Washington Wheat Growers Rejected the 2011 BCAP Camelina Incentive Program." *Wheat Life* 55(6): 24-28. (link: [http://www.wheatlife.org/Issues/6\\_WLJune12web.pdf](http://www.wheatlife.org/Issues/6_WLJune12web.pdf)).

Zheng, Q. and **C.R. Shumway** (2012). "Washington Biofuel Feedstock Crop Supply under Output Price and Quantity Uncertainty." *Energy Policy* Online version: <http://www.sciencedirect.com/science/article/pii/S0301421512004648>.

## Professional Presentations

**Brady, M.** (2012). Presented to Agriculture and Applied Economic Association Annual Meetings, Seattle, WA. August 13 "From 8 to 80 inches a year: Managing Water and Agriculture Across Washington's Diverse Landscape."

**Cowan B.** (2012). "Education, Maternal Smoking, and the Earned Income Tax Credit." American Society of Health Economists, 4th Biennial Conference, Minneapolis, MN.

**Cowan B.** (2012). "Testing for Educational Credit Constraints using Heterogeneity in Individual Time Preferences." Western Economic Association International, 87th Annual Conference, San Francisco, CA.

**Gallardo, R.K.** and **A. Olanie** (2012). "The Use of Wireless Capability at Farmers Markets: Results from a Choice Experiment Study." Selected Paper presented at the Agricultural and Applied Economics Association Annual Meetings. Seattle, WA. August 12-14.

# Faculty News

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## Professional Presentations (cont'd)

**Luckstead, J.A., R.C. Mittelhammer,** and S. Devadoss (2012). "U.S. and Chinese Apples Trade in ASEAN," Agricultural and Applied Economics Association Meetings, Seattle, August 12-14.

**Marsh T.L.** (2012). "Site-Specific Biosafety and Biosecurity Risk Assessment for the National Bio and Agro-Defense Facility (NBAF)," Symposium, Western Agricultural Economics Association, Park City Utah.

**Marsh T.L.** (2012). "What are the Economic Consequences of Livestock Diseases?" Kansas State University, Manhattan, KS.

Mooney, S., **D.L. Young,** K. Cobourn, and S. Islam (2012). "Addressing the changing professional demands for applied economists: Multidisciplinary participation and rewards." Poster presented at AAEA Annual Meeting, Seattle WA, August 12-15.

**Pickart, G.C., D.L. Young, H. Chouinard,** and **P.R. Wandschneider** (2012). "The Role of Agroclimate and Socioeconomic Factors in Adoption of Direct Seeding in the Inland Pacific Northwest." Western Agricultural Economics Association Meeting, Park City, Utah, June 20-22.

**Toro-Gonzalez, D., J. Yan, R. Karina Gallardo, Jill J. McCluskey** (2012). "Demand Estimation: Unobservable Quality in Mint Gum." Selected Paper presented at the Agricultural and Applied Economics Association Annual Meetings. Seattle, WA. August 12-14.

**Zhang, X.** and **T.L. Marsh** (2012). "Farm Level Demand for Fresh and Processed Stone Fruit in the United States." Selected Poster AAEA Meeting, Seattle.

**Zhao, Y.** and **T.L. Marsh** (2012). "An Evaluation of Estimators for Censored Systems of Equations using Monte Carlo Simulation." Selected Poster AAEA Meeting, Seattle.

## Other Publications—Book Chapters, Bulletins, Grant Reports

**Cassey, A.J.** and **Y. Zhao** (2012). "Export Trends in Washington State, Vol. 4. Washington State University.

Diebel, P., Stephanie K., **D.L. Young,** and J.D. Wulfhorst (2012). "Keys to expanding adoption of soil conserving farming systems in the Pacific Northwest: A comparison of low- and high-adoption counties." Poster presented at AAEA Annual Meeting, Seattle WA, August 12-15.

**Espinola-Arredondo, A.** and **F. Munoz-Garcia** (forthcoming). "Environmental Negotiations under Uncertainty in Analyzing Global Environmental Issues: Theoretical and Experimental Applications and their Policy Implications," Ariel Dinar and Amnon Rapoport, eds. Routledge.

**Gallardo, R.K.** and **S. Galinato** (forthcoming). Cost Estimates of Establishing and Producing Red Delicious Apples in Washington. Washington State University Extension Factsheet.

## Faculty News

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### Other Publications—Book Chapters, Bulletins, Grant Reports

**Gallardo, R.K.** and **S.P. Galinato** (2012). “2011 Cost of Producing Peppermint under Rill and Center-Pivot Irrigation in Washington State.” Washington State University Extension Fact Sheet FS077E. (link: <http://cru.cahe.wsu.edu/CEPublications/FS077E/FS077E.pdf>)

**Marsh, T.L.** (contributing author) (2012). “Chapter 7. Economic Assessment.” Updated Site-Specific Biosafety and Biosecurity Mitigation Risk Assessment: National Bio and Agro-Defense Facility, Department of Homeland Security (Final Report).

**Munoz-Garcia F.** and **A. Espinola-Arredondo** (forthcoming). “The Role of Information in the Tragedy of the Commons, in Analyzing Global Environmental Issues: Theoretical and Experimental Applications and their Policy Implications,” Ariel Dinar and Amnon Rapoport, eds. Routledge.

### New SES Working Papers

**Espinola-Arredondo, A.** and **F. Munoz-Garcia** (2012). “An Excessive Development of Green Products?” Working Paper 2012-5.

**Yoder, Jonathan**, Adrienne Ohler, and **Hayley Chouinard** (2012). “What floats your boat? Preference revelation from lotteries over complex goods.” Working Paper 2012-4.