

# SES Faculty Accomplishments Fall 2018

Issue 30

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## 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

Conservation Procurement Auctions with Bidirectional Externalities. **Choi, P., A. Espinola-Arredondo and F. Munoz-Garcia.** Journal of Environmental Economics and Management. 2018, 92 , pp. 559-579.

International Coordination of Environmental Policies: Is it Always Worth the Effort? Bayham, J., **F. Munoz-Garcia** and **A. Espinola-Arredondo.** *Forthcoming Environment and Development Economics*

How a Race to the Bottom Can Make You Fat. **Galinato, G.I.** and Y. Zhou. 2018. Applied Economics. 50(52): 5620-5640.

Strategic Interaction and Institutional Quality Determinants of Environmental Regulations. **Galinato, G.I.** and H. Chouinard. 2018. Resource and Energy Economics. 53:114-132.

The Amenity Value of Climate Change Across Different Regions in the United States. **Galinato, G.I.** and P. Tantihkarnchana. 2018. Applied Economics. 50(37): 4024-4039.

Tobacco Education Program Spending and Tobacco Use by Adolescents. **Galinato, G.I.** and Y.A. Hong. 2018. Journal of Agricultural and Resource Economics. 43(3):307–320

Economic Impact of a Potential Expansion of Pest Infestation: Apple Maggot in Washington State. **Galinato, S.P., R.K. Gallardo,** D.M. Granatstein, and M. Willett. 2018. HortTechnology 28(5): 651-659.

U.S. Fresh Apple Industry Perceptions of Precision Agriculture Technologies. **Gallardo, R.K.,** K. Grant, D.J. Brown, J.R. McFerson, K.M. Lewis, T. Einhorn, M. Miranda Sazo. HortTechnology, Forthcoming.

Modelling the Economic Impact of the Trade Regulation of Invasive Species: A Study of Apple Production under an Apple Maggot Quarantine Program Hong, Y., **R.K. Gallardo,** X. Fan, S. Atallah, and M.I. Gomez.. Journal of Agricultural and Resource Economics, Forthcoming.

Using Market Segmentation Analysis to Identify Consumer Preferences for Fresh Peach Attributes. Zhou, R., C. Yue, **R.K. Gallardo, V. McCracken,** J. Luby, and J. McFerson. 2018. HortScience, 53(11): 1664-1668.

Adoption of Labor-saving Technologies in Agriculture. **Gallardo, R.K.** and J. Sauer. 2018. Annual Review of Resource Economics, 10: 185-206.

Economic Impact of a Potential Expansion of Pest Infestation: Apple Maggot in Washington State. **Galinato, S., R.K. Gallardo,** D. Granatstein, M. Willet. 2018. HortTechnology, 28: 651-659.

Breeding Trait Priorities of the Cranberry Industry in the United States and Canada. **Gallardo, R.K.**, Q. Zhang, J. Polashock, C. Rodriguez-Saona, N. Vorsa, A. Atucha, J. Zalapa, and M. Iorizzo. 2018. HortScience, 53: 1467-1474.

“Willingness to Pay for a Second-Generation Bioethanol: Case Study of Korea,” Mamadzhanov, A., **J.J. McCluskey**, and T. Li, 2019. Energy Policy 127: 464–474.

Impacts of Expert Information on Prices for an Experience Good across Product Quality Segments: Tasting Notes and Wine Prices, Chen, K.-J. and **J.J. McCluskey**, 2018. J. of Ag. and Resource Econ. 43(3): 388-402.

Hoppiness and Happiness: The Impact of Hop Quality on Willingness to Pay for Beer, Gabrielyan, G., T.L. Marsh, C.F. Ross and **J.J. McCluskey**, 2018. J. of Wine Economics 13(2): 160-181.

Fiscal Gridlock over the water budget in Washington State: The politics and economics of pouring exempt wells into the Prior Appropriations bucket. **Yoder, J.** 2018. Western Economics Forum 16(1):30-37.

## **New Working Papers**

Abolishing Environmental Regulation: strategic Effects and Welfare Implications. **Ana Espinola-Arredondo** and **Felix Munoz-Garcia**. 2018-7

Do Privately-Owned Prisons Increase Incarceration Rates? **Gregmar I. Galinato** and **Ryne Rohla**. 2018-6

Pollution Abatement with Disruptive R&D Investment. John Strandholm, **Ana Espinola-Arredondo**, and **Felix Munoz-Garcia**. 2018-8

## **Professional Presentations**

**Bai, J.** “Asset Pricing with Idiosyncratic Income Risks”

**Bai, J.** “HKUST-Jinan Conference on Macroeconomics” December 12-13, 2018

Chen, K., **S. Galinato**, **T. Marsh** and Peter Tozer. “Biodegradable Plastic Mulches for Profitability in Agricultural Applications.” Presentation at the Washington Small Fruit Conference, Lynden, WA, 29 November 2018.

**Espinola-Arredondo A.** “40<sup>th</sup> Association for Public Policy Analysis & Management (APPAM)” Fall Research Conference. November 8-10, 2018 in Washington D.C.

**Galinato G.** “Can Government Spending Boost Firm Sales Productivity?” Southern Economic Association Conference on November 18-20, 2018 in Washington DC.

**Galinato G.** “Environmental Regulation Stringency and U.S. Agriculture.” International Conference of Agricultural Economists. July 28, 2018 in Vancouver, BC, Canada.

**Galinato, S.**, K. Chen, **T. Marsh**, and M. Velandia. “Biodegradable Plastic Mulches for Profitability in Agricultural Applications.” Presentation in the General Vegetable Session, Pacific Northwest Vegetable Association Annual Meeting, Kennewick, WA, 14 November 2018.

**Gallardo\*, R.K.** “Costs associated with fire blight-En Español.”

- a. WSDA Pacific Northwest Aggie, Pasco, WA. November 7, 2018. N=80.
- b. WSDA Farmworker Education Program, Sunnyside, WA. December 7, 2018. N=30.
- c. GS Long Grower Meeting, Yakima, WA. January 16, 2019. N=500.

**Gallardo\*, R.K., C. Yue, J. Luby, V. McCracken, J. McFerson.** “A Comparison of Supply Chain Agents’ Willingness to Pay for Fruit Quality Attributes.”

- o Tilth Alliance Conference, Spokane, WA, November 9, 2018.
- o New York Produce Show, New York City, NY, December 12, 2018.

**Nadreau, T., M. Gibson, M. Liu, R.K. Gallardo, R. Fortenberry.** “China Tariff Effect on Washington Tree Fruit Industry.” Research Flash News. Annual Meetings of the Washington Tree Fruit Association. Yakima, WA. December 3-5, 2018.

Velandia, M., A. Smith, A. Wszelaki, **S. Galinato**, and **T. Marsh.** “The Economics of Adopting Biodegradable Plastic Mulch Films”. In-service Training, University of Tennessee, Knoxville, TN, November 2018.

**Yoder, J.** “State of Washington Water Research Center: Activities and Roles for the Joint Legislative Task Force for Water Supply”. Invited presentation to the Washington State Joint Legislative Task Force on Water Supply. Mount Vernon, WA, 11 December, 2018

**Yoder, J.** “Technology for Trade: New Tools and New Rules for Water Use Efficiency in Ag and Beyond; A Project introduction.” Invited presentation to the Columbia Basin Development League Board Meeting. Big Bend Community College, Moses Lake, WA. November 28, 2018.

**Yoder, J.** “Economic Foundations for One Health: Lessons from East Africa.” Keynote Speech at the Washington State Department of Health Zoonotic Disease Conference. Ellensburg, WA. September 11, 2018

## **New Service Positions/ Responsibilities Outside of SES**

**Ana Espinola-Arredondo:** Editorial board of PLOS ONE, the open-access scientific journal published by the Public Library of Science.

**Bai, J.** Discussant, “Frontiers of Macroeconomics with Applications in China” Shanghai, China, December 8 – 9.

**Bai, J.** Discussant, The First PHBS Conference in Macroeconomics 2018, Shenzhen, China, December 14 – 16.

**Bai, J.** Co-organizer, The First PHBS Conference in Macroeconomics 2018, Shenzhen, China, December 14 – 16.

**Jill McCluskey:** Elected Member of Nominating Committee of the Section on Social, Economic & Political Sciences, AAAS, Feb. 2019- Feb. 2022.

## Other publications - Extension bulletins, grant reports, etc.

Chen, K., S. **Galinato**, S. Ghimire, S. MacDonald, **T. Marsh**, C. Miles, P. Tozer, M. Velandia. 2018. "Important Considerations for the Use of Biodegradable Mulch in Crop Production." Washington State University Extension Publication FS304E.

Velandia, M., A. Smith, A. Wszelaki, **S. Galinato**, and **T. Marsh**. 2018. "The Economics of Adopting Biodegradable Plastic Mulch Films." University of Tennessee Extension Publication W650.

**McCluskey, J.J.**, M.P. Squicciarini, and J. Swinnen, 2019. "Information, Communication and Agricultural and Food Policies in an Age of Commercial Mass and Social Media, *Handbook of International Food and Agricultural Policies*, D. Blandford, ed., Oxford University Press.

## Grants

**Ana Espinola-Arredondo**. "Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table and Raisin Grapes (FRAME)." The U.S. Department of Agriculture's National Institute of Food and Agriculture. \$2.4 million. September 2018.

**Jonathan Yoder**, John Abatzoglou, Jennifer Adam, Michael Barber, Michael Brady, Joseph Cook, Sonia Hall, Daniel Haller, Lav Khot, Chad Kruger, Mingliang Liu, Roger Nelson, Bart Nijssen, Julie Padowski, Troy Peters, Nigel Pickering, Kirti Rajagopalan, Cynthia Schuman, Claudio Stockle, Georgine Yorgey, Rachael Young. 2018-2022. Technology for Trade: New Tools and New Rules for Water Use Efficiency in Agriculture and Beyond. USDA NIFA. \$5 Million.

Lankester, Felix, Guy Palmer and **Jonathan Yoder**. 2018-2023. Eliminating human rabies: impact of enhanced vaccination coverage. National Institutes of Health. 1R01AI141712, \$2,396,107.

## Miscellaneous

**Karina Gallardo**: Mulvaney, L. 2018. The course of the Honeycrisp apple. Bloomberg News. <https://www.bloomberg.com/news/articles/2018-11-08/the-curse-of-the-honeycrisp-apple>