

EDWARD C. (TED) JAENICKE

Department of Agricultural Economics, Sociology, and Education
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<http://aese.psu.edu/directory/ecj3>

Education

<u>Institution</u>	<u>Degree</u>	<u>Year</u>	<u>Field</u>
Wesleyan University	B.A.	1984	Economics
University of Maryland	Ph.D.	1997	Agricultural and Natural Resource Economics

PROFESSIONAL EXPERIENCE

Professor, Department of Agricultural Economics, Sociology, and Education
Penn State University, University Park, July 2016 to present.
Agricultural and Resource Economics Cluster Representative, 2014-present
Graduate Coordinator for the AEREC program, 2007 to 2011.
Current Research Areas: Food retailing and consumer behavior, especially
organic.
Teaching Areas: *Undergraduate:* Economic Principles of Agribusiness
Management; Strategic Decisions in Agribusiness Management; Comparative
Food and Agricultural System. *Graduate:* Econometrics; Economics of Food
Marketing.

Visiting Scholar (sabbatical), U.S. Department of Agriculture, Economic Research
Service, Food Economics Division, Washington D.C., July to December 2012.

Associate and Assistant Professor, Department of Agricultural Economics and Rural
Sociology, Penn State University, University Park, July 2001 to 2016.

Assistant Professor, Department of Agricultural Economics,
The University of Tennessee, Knoxville, July 1997 to June 2001.

Policy Analyst, Henry A. Wallace Institute for Alternative Agriculture, Policy Studies
Program, Greenbelt, Maryland, September 1995 to July 1997.

Graduate Research Assistant, Department of Agricultural and Resource Economics,
University of Maryland, College Park, September 1991 to August 1995.

HONORS

- ❑ Outstanding Research and Education Award, Pennsylvania Certified Organic, 2016.
- ❑ Article of the Year, Northeastern Agricultural and Resource Economics Association, for Wrenn, D.H., T.W. Kelsey, and E.C. Jaenicke. "Local and Non-local Employment Impacts Associated with Marcellus Shale Development in Pennsylvania," in *Agricultural and Resource Economics Review*, 2016
- ❑ Distinguished Member Award, Northeastern Agricultural and Resource Economics Association, 2016.
- ❑ Community of Teaching Excellence, College of Agricultural Sciences, Penn State University, 2014.
- ❑ Community of Teaching Excellence, College of Agricultural Sciences, Penn State University, 2011.
- ❑ *Gamma Sigma Delta* College of Agricultural Sciences, Penn State University, Faculty Award for Outstanding Teaching, 2009.
- ❑ Associate Editor, *Agricultural and Resource Economics Review*, 2008 - 2011.
- ❑ Roy C. Buck Award for Research in the Social Sciences, College of Agricultural Sciences, Penn State University, 2007.
- ❑ Community of Teaching Excellence, College of Agricultural Sciences, Penn State University, 2006.
- ❑ ITC/CUE Hewlett Innovative Teaching Fellowship, Univ. of Tennessee, 1998.
- ❑ Dr. and Mrs. Bill V. Lessley Award for Dissertation Excellence, University of Maryland, 1997.
- ❑ Bessie H. DeVault Scholarship, University of Maryland, 1993.
- ❑ White Fellowship in Economics, Wesleyan University, 1984.
- ❑ *Phi Beta Kappa*, Wesleyan University, 1984.

RESEARCH AND SCHOLARLY PUBLICATIONS

Articles Published in Refereed Journals

Wrenn, D.H., H.A. Klaiber, and , E.C. Jaenicke. "Unconventional Shale Gas Development, Risk Perceptions, and Averting Behavior: Evidence from Bottled Water Purchases." Status: In press, *Journal of the Association of Environmental and Resource Economics*.

Danhong Chen, Edward C. Jaenicke, and Richard J. Volpe. 2016. "Food Environments and Obesity: Household Diet Expenditure Versus Food Deserts." *American Journal of Public Health*, 106 (5): 881-888.

- I.J. Marasteanu and E.C. Jaenicke. 2016. "Hotspots and Spatial Autocorrelation in Certified Organic Operations in the United States." *Agricultural and Resource Economics Review*. Forthcoming in the December 2016 issue.
- I.J. Marasteanu and E.C. Jaenicke. 2015. "The Role of US Organic Certifiers in Organic Hotspot Formation." *Renewable Agriculture and Food Systems*. In press , FirstView Article available online.
- Jaenicke, E. C., and A. Carlson. 2015. "Estimating and Investigating Organic Premiums for Retail-Level Food Products." *Agribusiness: an International Journal*, 31 (4): 453-471
- Wrenn, D.H., T.W. Kelsey, and E.C. Jaenicke. "Local and Non-local Employment Impacts Associated with Marcellus Shale Development in Pennsylvania." *Agricultural and Resource Economics Review*, 42 (August 2015): 1-19.
- Marasteanu, I.J., E.C. Jaenicke, and C. Dimitri. "Slotting Fees for Organic Retail Products: Evidence from a Survey of U.S. Food Retailers." *The Journal of International Food & Agribusiness Marketing*, 26 (July 2014):28-48.
- Oberholtzer, L., E.C. Jaenicke, and C. Dimitri. "Examining U.S. Food Retailers' Decisions to Procure Local and Organic Produce from Farmer Direct-to-Retail Supply Chains." *Journal of Food Products Marketing*, 20 (Issue 4) (December 2014).
- Oberholtzer, L., C. Dimitri., and E. C. Jaenicke. "International trade of organic food: Evidence of US Imports," *Renewable Agricultural and Food Systems* 28 (2013): 255-262.
- Jaenicke, E.C., C. Dimitri, and L. Oberholtzer. "Retailer Decisions about Organic Imports and Organic Private Labels." *American Journal of Agricultural Economics* 93 (2011): 597 -603.
- Dimitri, C., E.C. Jaenicke, and A.B. Effland. "Why Did Contracts Supplant the Cash Market in the Broiler Industry? An Economic Analysis Featuring Technological Innovation and Institutional Response." *Journal of Food and Agricultural Industrial*
- Dimitri, C., E.C. Jaenicke, and L. Oberholtzer. "Local Marketing of Organic Food by Certified Organic Processors, Manufacturers and Distributors." *Journal of Agribusiness*, 26 (Fall 2008): 157-174.
- Jaenicke, E.C., and M. Chikasada. "To Drop or Add: Market Timing and Supermarket Decisions on Irradiated Ground Beef." *Journal of Food Products Marketing* 14 (Issue 3, 2008): 77-102.

- Jaenicke, E.C., M. Shields, and T. W. Kelsey. "Food Processors' Use of Contracts to Purchase Agricultural Inputs: Evidence from a Pennsylvania Survey." *Agricultural and Resource Economics Review* 36 (October 2007): 213-229.
- Jaenicke, E.C., K. Jensen, W. Harrison, and P. Jakus. "Follow the Leader: Follower Behavior in Supermarket Adoption of Fresh Irradiated Ground Beef." *Agribusiness: An International Journal* 22 (Autumn 2006): 547-568.
- Wang, Y., and E.C. Jaenicke. "Simulating the Impacts of Contract Supplies in a Spot Market-Contract Market Equilibrium Setting." *American Journal of Agricultural Economics* 88 (November 2006): 1062-1077.
- Jaenicke, E.C., and M. Chikasada. "Separate Decision Making for Supermarket Leaders and Followers: The Case of Whether or Not to Offer Irradiated Ground Beef." *Journal of Food Distribution Research* 37 (November 2006): 29-43.
- Jensen, K. and E.C. Jaenicke. "Retail Meat Managers' Profitability Expectations for Irradiated Red Meats." *Journal of Food Products Marketing* 10 (2004): 13-25.
- Jaenicke, E.C., D.L. Frechette, and J.A. Larson, "Estimating Production Risk and Inefficiency Simultaneously: An Application to Cotton Cropping Systems," *Journal of Agricultural and Resource Economics*, 28 (December 2003): 540-557.
- Oliver, S.P., M.J. Lewis, B.E. Gillespie, H.H. Dowlen, E.C. Jaenicke, and R.K. Roberts. "Prepartum Antibiotic Treatment of Heifers: Milk Production, Milk Quality and Economic Benefit." *Journal of Dairy Science* 86 (April 2003): 1187-1193.
- Gaynor, J., K. Jensen, and E.C. Jaenicke. "Meat Managers' Opinions Expectations Regarding Marketing of Irradiated Red Meats." *Journal of Food Distribution Research*: 34(2) (2003): 17-25.
- Larson, J.A., E.C. Jaenicke, R.K. Roberts, and D.D. Tyler. "Risk Effects of Alternative Winter Cover Crop, Tillage, and Nitrogen Fertilization Systems in Cotton Production." *Journal of Agricultural and Applied Economics* 33 (2001): 445-457.
- Larson, J.A., R.K. Roberts, E.C. Jaenicke, and D.D. Tyler. "Profit Maximizing Nitrogen Fertilization Rates For Alternative Tillage and Winter Cover Systems." *Journal of Cotton Science* 5 (2001): 156-168.
- Jaenicke, E.C. "Testing for Intermediate Outputs in Dynamic DEA Models: Accounting for Soil Quality in Rotational Crop Production and Productivity Measures," *Journal of Productivity Analysis* 14 (November 2000): 247-266.

Jaenicke, E.C., and L.L. Lengnick. "A Soil-Quality Index and its Relationship to Efficiency and Productivity Growth Measures: Two Decompositions." *American Journal of Agricultural Economics* 81 (November 1999): 881-893.

Jaenicke, E.C., and L. Drinkwater. "Sources of Productivity Growth During the Transition to Alternative Cropping Systems." *Agricultural and Resource Economics Review* 28 (October 1999): 169-181.

Chambers, R.G., R. Färe, E.C. Jaenicke and E. Lichtenberg. "Using Dominance in DEA Models: The Case of Experimental Agricultural Data." *Journal of Econometrics* 85 (1998): 189-203.

Book Reviews

Jaenicke, E.C. *The Politics of Food Supply: U.S. Agricultural Policy in the World Economy*, by Bill Winders. In *American Journal of Sociology*, 115 (January 2010): 1319-21.

Jaenicke, E.C. *Pest Management at the Crossroads*, by Charles Benbrook. In *American Journal of Alternative Agriculture* 12 (1997): 45-46.

Government Research Reports

Carlson, A., and E.C. Jaenicke. "Changes in Retail Organic Price Premiums from 2004 to 2010." Economic Research Report No. (ERR-209) 44 pp, May 2016.

Dimitri, C., and E.C. Jaenicke. "Contracting in Tobacco?" *Tobacco Situation and Outlook Yearbook*. U.S. Department of Agriculture/Economic Research Service, TBS-245, December 1999, 21-26.

Articles in Non-refereed Journals or Proceedings

Jaenicke, E.C., R.K. Roberts, H.H. Dowlen, and S.P. Oliver. "Economic Benefit Associated with Antibiotic Treatment of Heifers before Calving." Proceedings of the 38th Annual Meeting of the National Mastitis Council, Inc., Arlington, VA, February 14-17, 1999.

Articles in In-House Publications

Jaenicke, E.C. and I. Demko. "Impacts from Organic Equivalency Policies: A Gravity Trade Model Analysis." The Organic Trade Association, Washington, DC, forthcoming, 25 pages.

Jaenicke, E.C. and I. Demko. "Preliminary Analysis of USDA's Organic Trade Data: 2011 to 2014." The Organic Trade Association, Washington, DC, April 2015, 120 pages.

Jaenicke, E.C. *From the Ground Up: Exploring Soil Quality's Contribution to Environmental Health. Policy Studies Report No. 10.* Greenbelt, MD: Henry A. Wallace Institute for Alternative Agriculture, October 1998, 42 pages.

Jaenicke, E.C. *The Myths and Realities of Pesticide Reduction: A Reader's Guide to Understanding the Full Economics Impacts. Policy Studies Report No. 8.* Greenbelt, MD: Henry A. Wallace Institute for Alternative Agriculture, May 1997, 35 pages.

Manuscripts Under Review at Peer-Reviewed Publications

Demko, I., and E.C. Jaenicke. "Policy Impacts from U.S. Organic Equivalency with the European Union." Status: Under second review at *Applied Economic Perspectives and Policy*.

Volpe, R., and E.C. Jaenicke. "Store Formats, Market Structure, and Consumers' Food Shopping Decisions." Status: Under second review at *Applied Economic Perspectives and Policy*.

Li, J., E.C. Jaenicke, T.D. Anekwe, and A. Bonanno. "Demand for Ready-to-Eat Cereals with Household-level Censored Purchase Data and Nutrition Label Information: A Distance Metric Approach." Status: Under review at the *Agribusiness*.

Chenarides, L., and E.C. Jaenicke. "Product Assortment and Food Access across the U.S. Food Retailing Landscape." Status: Under review at the *Food Policy*.

Submitted Manuscripts Under Review for In-House Publications

Volpe, R., A. Kuhns, and E.C. Jaenicke. "Store Formats, Grocery Purchases, and Health Outcomes." Research Report from the USDA-Economic Research Service. Status: Under second review.

GRADUATE STUDENT ADVISING

Supervision of Ph.D. Dissertations and M.S. Theses

Completed Ph.D.s:

Iryna Demko, Ph.D., 2016. "Three Essays on Credence Goods, Health, and Organic Food."

Jing Li, Ph.D., 2016, "Three Essays on the Health-Related Product Attributes and Consumer Purchasing Behavior: An Application to Ready-to-Eat Breakfast Cereal Market."

Yingxian Wu, Ph.D., 2016. "Essays on Consumers' Shopping Behavior for Fresh Produce."

I. Julia Marasteanu, Ph.D., 2014. "Hot Spots of United States Certified Organic Operations: Identification, Formation, and Impact."

Danhong Chen, Ph.D., 2014. "Three Essays on Health, Demography, and Economics." (Co-Chair with David G. Abler)

Xiao Meng, Ph.D., 2013. "Strategic Marketing Behavior Of Private Label And Organic Products: A Case Study Of The Pre-Packaged Salad."

Soo Hyun (Catherine) Oh, Ph.D., 2012. "Structural Estimation On Demand With Brand Choice And Quantity Adjustment: From Non-Organic To Organic Food."

Ping-Chao Wu, Ph.D., 2010. "Modeling and Testing Strategic Pricing, Product Positioning, and Couponing Behavior by Food Manufacturers and Retailers."

Yan Zhuang, Ph.D., 2010. "Three Essays On Organic Milk Marketing And Consumer Purchase Behavior."

Mitsuko Chikasada, Ph.D., 2008. "Three Essays on (1) Demand for Organic Milk in the U.S., (2) Environment and Economic Growth in Japan, and (3) Life Expectancy at Birth and Socio-Economic Factors in Japan." (Co-Chair with David G. Abler)

Yanguo Wang, Ph.D., 2004. "Three Essays on Agricultural Contracting: Incorporating Market Equilibrium and Dynamics Into Principal-Agent Models."

Completed M.S.:

Xueyi Li, M.S., 2016. "Possible Barriers for Pennsylvania's Underground Injection Well Development."

William Rossman, M.S., 2007. "Comparing the Purchasing Behavior of Certified Organic and Pennsylvania Preferred Applesauce Using a Discrete Choice Modeling Framework."

Ph.D. Students In Progress:

Lauren Chenarides, Ph.D., Expected May 2017. "The Effects of the Food Retailing Landscape and Food Deserts on Retailers' Marketing Strategies and Consumer Store Choice."

Ben Scharadin, Ph.D., Expected May 2017. "Three Essays on Household Time Allocations, Food Behavior, and Diet Quality."

Membership on Ph.D. Committees (AEREC unless otherwise noted)

Oleksii Khvastunov (Econ.), Expected 2016

Nail Kashaev (Econ.), 2016

Ryo Makioka (Econ.), 2016

Daniela Puggioni, 2016

Monaca Rao, 2016

Yelena Sheveleva (Econ.) 2014

Qiong Yang, 2013

Vania Bitia Salas, 2013

Alonso Alfaro Urena (Econ.), 2011

Worawan Toommongkol, 2011.

Isin Tellioglu, 2010.

Simanti Banerjee, 2010.

Nga Nguyen, 2009.

Gaurav Ghosh, 2009.

Kelly J. Ward, 2006.

Ming-Chin Chin, 2003.

Supawat Rungsuriyawiboon, 2003.

Onelack Choi, 2002.

PROJECTS, GRANTS, AND CONTRACTS

Currently Active Grants:

Van Hook, J., J. Blanford, G. Chi, E. Jaenicke, and D. Wrenn. "A Household-level Longitudinal Investigation into the Food Environment's Impact on Food Behavior and Health." Proposed Level II seed-grant funding from the Social Science Research Institute, Penn State University. Project Amount: \$20,000. Proposed Project Duration: One year past signing date, approximately July 2015 to June 2016. Role: Co-PI.

Jaenicke, E.C. (with AEREC graduate student Lauren Chenarides.) "The Economics of Food Availability and Food Deserts: Retailers' Marketing Strategies, Competition, and Consumer Store Choice." USDA/NIFA Competitive Grants Program, Pre-Doctoral Fellowship. Project Amount: \$67,781. Project Duration: December 2014 to December 2016. Role: Co-Supervisor.

Dimitri, C., L. Oberholtzer, and E.C. Jaenicke. "The State of Urban Farming in the United States: Enhancing the Viability and Profitability of Small and Medium-Sized Commercial Urban Farms Nationally." USDA/NIFA Small Farm Program, Subcontract to N.Y. University. Amount: \$135,527. Project Duration: February 2012 to December 2016. Role: Co-PI.

Jaenicke, E.C. (with AEREC graduate student Ben Scharadin.) "FoodAPS Data Quality and Usability." USDA/ERS Cooperative Agreement. Amount: \$10,500. Project Duration: September 2014 to August 2016.

Proposed Grants Under Review

Jaenicke, E.C., and D. Wrenn "Effect of Retail Market Structure and other Food Environment Characteristics on the Healthfulness of Consumer Food Purchases." Proposed USDA/ERS Cooperative Agreement. Project Amount: \$25,000. Proposed Project Duration: one year.

Completed Grants

Jaenicke, E.C. "Estimated Economic Impacts of Organic Trade Policies." The Organic Trade Association. Project Amount: \$15,108. Project Duration: September 2014 to December 2015.

Jaenicke, E.C. "Comparative Analysis of Bilateral Organic Trade Patterns." The Organic Trade Association. Project Amount: \$10,603. Project Duration: September 2014 to December 2015.

Jaenicke, E.C. "Relationship between organic retail presence and market characteristics" USDA/ERS Cooperative Agreement. Project Amount: \$23,000. Project Duration: September 2013 to August 2015.

Jaenicke, E.C. "Neighborhood Food Environment, Store Format, and Shopping Basket Healthfulness" USDA/ERS Cooperative Agreement. Project Amount: \$25,000. Project Duration: September 2013 to August 2014. (With AEREC grad student Danhong Chen.)

Jaenicke, E.C. and C. Dimitri (USDA, Economic Research Service). "Strategic Procurement and Marketing Behavior by U.S. Food Retailers: The Case of Organic Foods." Sponsor: USDA/CSREES National Research Initiative Competitive Grants Program. Duration: Dec. 15, 2007 to Dec. 14, 2012. Amount: \$461,480. Role: Lead PI.

Jaenicke, E.C. "Organic Handler Survey." USDA/ERS Cooperative Agreement. Project Amount: \$125,000. Project Duration: October 2007 to September 2011.

Klaiber, H.A., E.C. Jaenicke, and L. Oberholtzer. "Sustainable Agriculture and the Role of Community Supported Agriculture," College of Agricultural Sciences, Arthur W. Nesbitt Faculty Program Development Award. Duration: April 2010 to April 2011. Project Amount: \$13,500. Role: Co-PI.

Jaenicke, E.C., and J. James "Demand for Organic Food Products." USDA/ERS Cooperative Agreement. Project Amount: \$40,000. Project Duration: October 2005 to September 2007. Role: Lead-PI.

Jaenicke, E.C. "Organic Agriculture Contracts." USDA/ERS Cooperative Agreement. Project Duration: October 2003 to September 2008. Project Amount: \$61,961.

Jaenicke, E.C., R.C. Stedman, and J.L. Findeis. "Program Evaluation of a Revised Agribusiness Management Major." Proposal for curricular support submitted to The Schreyer Institute for Teaching Excellence at Penn State University. Project Duration: May 2005 to May 2008. Amount: Not specified by the Schreyer Institute.

Jaenicke, E.C., and S.E. Stefanou. "Pricing Practices for Manufacturers to Authorized Retailers." Research contract with CNH Global, Inc. Project Duration: May 2005 to June 2006. Project Amount: \$3,099.

Jaenicke, E.C. "Irradiated Ground Beef: The Adoption by Supermarkets and Grocery Stores." USDA/CSREES National Research Initiative Competitive Grants Program, September 2000 - August 2004. Project Amount: \$110,000.

Floros, J.D., R. Roberts, S. Doores, J.L. Brown, V.M. Puri, A. Demirci, J. Irudayaraj, J. James, E.C. Jaenicke, B. Jayarao, and L.M. Sordillo. "Regulation, Risk and Return: A Food Systems Approach to Dairy Product Safety." USDA/CSREES Special Research Grants Program. Project Duration: July 2002 - June 2005. Project Amount - Total: \$561,217. Budgeted portion for James and Jaenicke: \$60,000. Role: Co-PI.

D. Frechette, E.C. Jaenicke, J. James, and J. Stokes. College of Agricultural Sciences, Faculty Development Grant. Submitted October 2002, Approved for \$2,000.

INVITED PRESENTATIONS

Jaenicke, E.C. "U.S. Organic Hotspots and their Benefit to Local Economies." The Organic Trade Association Policy Conference, Washington, D.C., May 25, 2016.

Jaenicke, E.C. "Organic Equivalency's International Trade Impact." Natural Foods Expo East, All Things Organic, Trade Show, Education, and Events. Baltimore Convention Center, September 18, 2015

Jaenicke, E.C. "Quantifying the International Organic Marketplace." Organic Trade Association Policy Conference, The Organic Trade Association, Washington, D.C., April 15, 2015.

Jaenicke, E.C. "Health-Related Product Attributes and Purchasing Behavior in the Ready-to-Eat Cereal Market: An Application with Household-level, Censored Data." Distinguished Speaker Seminar Series, Cornell University, Ithaca, NY, October 18, 2013.

Jaenicke, E.C. "Food and Agricultural Case Studies: Similarities and Differences between the U.S. and France." Global Penn State: Internationalizing the Curriculum. Penn State University, University Park, PA., September 27-28, 2013.

Jaenicke, E.C. "Report from a USDA/ERS Research Sabbatical: Organic Price Premiums and Healthy Food Choices." M.E. John Seminar Series, Department of AESE, Penn State University, May 3, 2013.

Jaenicke, E.C. "Health-Related Product Attributes and Purchasing Behavior in the Ready-to-Eat Cereal Market: An Application with Household-level, Censored Data." M.E. John Seminar Series, Department of AESE, Penn State University, December 6, 2013. (Presenter.)

Jaenicke, Edward C. "Organic Foods Meet Big Retail: Organic Imports, Private Labels, and Slotting Fees." Invited seminar presented at the U.S. Department of Agriculture, Economic Research Service, Washington, D.C., February 18, 2011.

PAPERS PRESENTED AT PROFESSIONAL MEETINGS

Year	<i>AAEA and/or NAREA</i>		<i>Other Conferences</i>	
	Presenter	Co-author	Presenter	Co-author
2015	1	4	1	1
2014	1	3	1	
2013		4		
2012				1
2011		1		
2010	1		1	
2009	2			
2008		1		
2007	1			
2006				
2005	3	1	1	
2004	1	1		
2003		1		
2002	1		1	
2001	1	1		

Notes: AAEA = Agricultural and Applied Economics Association

NAREA = Northeast Agricultural and Resource Economics Association

POSITIONS OR MEMBERSHIPS IN PROFESSIONAL SOCIETIES

President-Elect, President, and Past-President, Northeast Agricultural and Resource Economics Association, 2013-2016.

Board of Directors member, Northeastern Agricultural and Resource Economics Association, 2011 to 2013.

Member, Northeastern Agricultural and Resource Economics Association, 1998 to present.

Member, Agricultural and Applied Economics Association (formerly the American Agricultural Economics Association), 1995 to present.

Member, Agricultural and Applied Economics Association Ph.D. Dissertation Award Committee, 2012 to 2014.

GRANT PANEL MANAGER AND GRANT PANEL MEMBER

USDA/AFRI National Institute for Food and Agriculture, **Panel Manager**, Markets, Trade, and Environment Program, Washington, D.C., FY2014, September 11-13, 2013. Approximately 90 proposals, and \$6 million in grant funds awarded.

USDA/AFRI National Institute for Food and Agriculture, **Panel Manager**, Markets, Trade, and Environment Program, Washington, D.C., FY 2012, July 7-8, 2011. Approximately \$3.5 million in grant funds awarded.

USDA/AFRI National Institute for Food and Agriculture, Panel Member and Reviewer, Markets and Development Program, Washington, D.C., November 3-4, 2010. Approximately \$3.0 million in grant funds awarded.

USDA/CSREES Program of Research on the Economics of Invasive Species Management (PREISM), Competitive Award Program, Panel Member and Reviewer, June 2006. Approximately \$1.1 million in grant funds awarded.

USDA/CSREES National Research Initiative Competitive Grants Program, Panel Member and Reviewer, Markets and Trade Program, Washington, D.C., June 1 - 4, 2004. Approximately \$2.2 million in grant funds awarded.

USDA/CSREES Program of Research on the Economics of Invasive Species Management (PREISM), Competitive Award Program, Panel Member and Reviewer, May 2003. Approximately \$1.5 million in grant funds awarded.

REVIEWER FOR REFEREED JOURNALS

Agribusiness: An International Journal
Agricultural and Resource Economics Review
Agriculture and Human Values
American Journal of Agricultural Economics
Appetite
Applied Economics and Perspectives and Policy
Australian Journal of Agricultural and Resource Economics
Canadian Journal of Agricultural Economics
European Review of Agricultural Economics
Journal of Agricultural and Resource Economics
Journal of Environmental Economics and Management
Journal of Environmental Management
Journal of Productivity Analysis
Journal of the Operations Research Society
Renewable Agriculture and Food Systems
Review of Agricultural Economics
Southern Economic Journal
Sustainability

TEACHING AND ADVISING

Teaching Awards

Community of Teaching Excellence Award, College of Agricultural Sciences, Penn State University, October 2014.
Community of Teaching Excellence Award, College of Agricultural Sciences, Penn State University, October 2011.
Gamma Sigma Delta Faculty Award for Outstanding Teaching, College of Agricultural Sciences, Penn State University, 2009
Community of Teaching Excellence Award, College of Agricultural Sciences, Penn State University, October 2006.

Recognition of Advising Effectiveness

Certificate of Recognition, Student Support Services Mentoring Program, Penn State University, April 2006. Mentor to Agribusiness Management student, Israel Garduno.

SERVICE TO THE DEPARTMENT AND COLLEGE - SUMMARY

Department

- ❑ Ag and Resource Economics Cluster Representative, 2014 to present.
- ❑ Faculty Advisory Committee to the Department Head, Member, 2014 to present.
- ❑ Lead Faculty for Agribusiness Management Online, 2014 to present.
- ❑ Agribusiness Management Undergraduate Committee, Member, 2002 to 2005, and 2015 to present.
- ❑ Promotion and Tenure Committee, Member, 2009 to 2013, and 2015 to present.
- ❑ Department Head Search Committee, Member, 2008 and 2016.
- ❑ Agricultural, Environmental, and Regional Economics Grad Program Committee, Member, 2001 to 2003, and 2005 to 2015.
- ❑ Graduate Coordinator for the Agricultural, Environmental, and Regional Economics Grad Program, 2007 to 2011.
- ❑ Faculty Search Committee Chair, 2007, 2015, and 2016.

College

- ❑ Faculty Advisory Committee to the Dean, Member, 2014 to present.
- ❑ Faculty Development Committee, Chair, 2010, and Member, 2008 and 2009.