Session 1001: Working Ecosystems: Challenges for Economic Research
Organized Symposium
9:30 am – 11:00 am
Marriott Wardman Park, Mezzanine Level, Harding

This session explores theoretical framing and empirical modeling challenges to economic research on working ecosystems, including 1) jointness in production and implications for incentive design to enhance of ecosystem service provision, 2) landscape-level optimization and valuation of ecosystem service provision, 3) incentives to foster collective action for production of landscape-level ecosystem services, and 4) challenges of modeling and incentive design when ecosystem service production functions display non-linearities, such as non-convexities or discontinuities.

Organizer:
Scott Swinton, Michigan State University

Panelists:
Robert Johnson, Clark University
Ben Gramig, Purdue University
Leah Harris, Michigan State University
Cloe Garnache, University of California, Davis

Session 1002: Jon Brandt Memorial Policy Forum and Guidelines for Evaluating Public Policy Proposals
Organized Symposium
9:30 am – 11:00 am
Marriott Wardman Park, Mezzanine Level, Hoover

An AAEA Special Purpose Fund has been established to support an annual Jon Brandt Memorial Policy Forum to honor Dr. Jon Brandt’s many contributions to the profession through leadership of the AAEA, C-FARE, NAAEA, and Agricultural and Resource Economics at NC State, and service to the agricultural community at large. This session will honor Jon’s many contributions to the profession and the agricultural policy community, and discuss the goal of the Memorial Policy forum. The symposium will also
introduce the AAEA Senior Section sponsored Guidelines for Evaluating Food and Agriculture Public Policy Proposals. The Guidelines are designed to help young Congressional and agency staff analyze implications of policy proposals from various constituents and interest groups.

Organizers:
Damona Doye, Oklahoma State University
Walt Armbruster, Farm Foundation (retired)
Gene Nelson, Texas A&M University
Ken Foster, Purdue University
David Lambert, Kansas State University
Barry Goodwin, North Carolina State University

Moderator:
Walt Armbruster, Farm Foundation (retired)

Panelists:
Damona Doye, Oklahoma State University
Rob King, University of Minnesota
David Lambert, Kansas State University
Barry Goodwin, North Carolina State University
Ron Knutson, Texas A&M University

**Session 1003: USDA Supply and Demand Estimates for the Grain Sector: In Need of an Extreme Makeover?**
Organized Symposium
9:30 am – 11:00 am
*Marriott Wardman Park, Mezzanine Level, Wilson A*

In the last five years considerable controversy has erupted about the accuracy and reliability of USDA supply and demand estimates in the grain sector. The purpose of this session is to present the results of recent research on the accuracy of USDA grain estimates as well as explore possible problems and improvements to the survey procedures used to generate the estimates.

Organizer and Moderator:
Scott Irwin, University of Illinois

Presenters:
Joseph Glauber, USDA-Office of the Chief Economist
Dwight Sanders, Southern Illinois University
Darrel Good, University of Illinois
Michael Adjemian, USDA-ERS
Session 1004: Supply Chain Issues
Selected Presentation
9:30 am – 11:00 am
Marriott Wardman Park, Mezzanine Level, Wilson B

Issues involving segregation, agglomeration, supply and pricing in the supply chain.

Presentations:
An Empirical Comparison of Coffee Price Transmission
Xile Li and Sayed Saghaian, University of Kentucky

Economic Aspects of Segregation Between GM and Non-GM Crops Along the Food Supply Chain
Stefano Boccaletti, Claudio Soregaroli, and Francesca Passuello, Università Cattolica S Cuore

Agglomeration in Certified Organic Operations in the United States: Identification and Impact
Ioana Marasteanu, Pennsylvania State University

Industrial Agglomeration of Chinese Food Processing
Miao Wang and Peter Goldsmith, University of Illinois at Urbana-Champaign

Session 1005: Advertising and Consumer Demand
Selected Presentation
9:30 am – 11:00 am
Marriott Wardman Park, Mezzanine Level, Wilson C

Theoretical and empirical contributions exploring the impact of advertising in consumer demand.

Presentations:
Optimal Generic Advertising Under Bilateral Imperfect Competition Between Processors and Retailers
Chanjin Chung, Oklahoma State University; Young Sook Eom, Chonbuk National University; Byungwoo Yang, Oklahoma State University; Sungill Han, Konkuk University

The Impact of Social Media on Consumer Demand: The Case of Carbonated Soft Drink Market
Yizao Liu and Rigoberto Lopez, University of Connecticut

The Effect of Consumer Learning Behavior on the Rising Bottled Water Consumption
Lu Huang and Yizao Liu, University of Connecticut
Expected and Unexpected Impacts of a Social Marketing Campaign: The Five-a-Day Campaign in France
Andres Silva, Fabrice Etile, and Gaëlle Jamet, French National Institute for Agricultural Research (INRA)

**Session 1006: Bias in Valuation Studies**
Selected Presentation
9:30 am – 11:00 am
*Marriott Wardman Park, Mezzanine Level, McKinley*

The papers in this session examine various sources of bias in valuation studies using approaches ranging from experiments to meta-analysis.

Presentations:
Sources of Hypothetical Bias in Public Goods Experiments: A Disaggregated Approach
*Julie Insignares Santos and Emi Uchida, University of Rhode Island; Stephen Swallow, University of Connecticut; Christopher Anderson, University of Rhode Island*

The Effect of Decision Rule and Response Format on Hypothetical Bias in Contingent Valuation
*Rebecca Moore, USDI Bureau of Land Management; Patricia Champ, US Forest Service; Gregory Colson, University of Georgia*

Automobile Fuel Economy: Under-valued, Over-valued, or Both?
*Molly Espey, Clemson University*

Publication Bias in the Hedonic Wage Literature
*William Wheeler and Chris Dockins, US EPA*

**Session 1007: Innovation and Consumers**
Selected Presentation
9:30 am – 11:00 am
*Marriott Wardman Park, Mezzanine Level, Balcony A*

Innovations in food and agricultural markets are explored in a diverse set of empirical papers.

Presentations:
Consumers’ Evaluation of Biotechnology in Food Products: New Evidence from a Meta-Survey
*Sebastian Hess, Carl Johan Lagerkvist, William Redekop, and Ashkan Pakseresht, Swedish University of Agricultural Sciences*

A Comparative Analysis of Canadian Consumers’ WTP for Novel Food Technologies (Case of Juice Produced by Nanotechnology & Pork Chops Using Genomic Information)
Anahita Hosseini Matin and Ellen Goddard, University of Alberta

Incorporating Eye Tracking Technology and Conjoint Analysis to Better Understand the Green Industry Consumer
Benjamin Campbell, University of Connecticut; Bridget Behe, Michigan State; Charles Hall, Texas A&M University; Hayk Khachatryan, University of Florida; Jennifer Dennis, Purdue University; Chengyan Yue, University of Minnesota

Patents as Options: Path Dependency and Patent Valuation
Timothy Richards, Arizona State University; Bradley Rickard, Cornell University

Session 1008: Crop Insurance: Premium Rates, Payment and Support Policy
Selected Presentation
9:30 am – 11:00 am
Marriott Wardman Park, Lobby Level, Park 8209

Various topics related to risk and crop insurance. The presentations cover issues regarding premium rates, insurance payment, wealth and insurance as a support policy.

Presentations:
The Effect of Climate on Crop Insurance Premium Rates and Producer Subsidies
Jesse Tack, Mississippi State University

BRM payments and risk balancing: Potential implications for financial riskiness of Canadian farms
Florentina Uzea, University of Western Ontario; Kenneth Poon, University of Guelph; David Sparling, Richard Ivey School of Business; Alfons Weersink, University of Guelph

Farm Wealth Implications of Canadian Agricultural Business Risk Management Programs
Dawn Trautman, Scott Jeffrey, and James Unterschultz, University of Alberta

Session 1009: Food Security
Selected Presentation
9:30 am – 11:00 am
Marriott Wardman Park, Lobby Level, Park 8212

The first paper in this section evaluates the impact of total factor productivity on food security. The second paper looks at the effects of the exchange rate volatility for eight major rice trading countries. The third presentation examines price transmission during export restrictions. The section concludes by a paper evaluating food insecurity and food access in the United States.

Presentations:
Evaluating Agricultural Productivity's Impact on Food Security  
*Nicholas Rada, Jayson Beckman, and Stacey Rosen, USDA-ERS*

Modelling the Effects of Exchange Rate Volatility on Food Security  
*Imelda Molina, Harold Valera, Samarendu Mohanty, Valerien Pede, and Mottaleb Khondoker, International Rice Research Institute*

Export Restrictions and Market Uncertainty: Evidence from the Analysis of Price Volatility in the Ukrainian Wheat Market  
*Linde Goetz and Thomas Glauben, IAMO*

A Modified Rapid Assessment Method for Assessing Community Food Security  
*Adam Rabinowitz and Jiff Martin, University of Connecticut*

**Session 1010: Dietary Diversity, Functional Food, and Diet Quality**  
Selected Presentation  
9:30 am – 11:00 am  
*Marriott Wardman Park, Lobby Level, 8216*

In this session dietary diversity as well as the effect of age and cohorts on dietary quality are discussed. Furthermore, the preferences for enhanced food, dietary supplements and functional food are discussed.

Presentations:  
Dietary Diversity: An Endogenous Variety Approach  
*Jing Liu, Gerald Shively, and James Binkley, Purdue University*

The Effects of Age and Cohort on Dietary Quality  
*Timothy Beatty, University of Minnesota; Biing-Hwan Lin, USDA-ERS; Travis Smith, University of Minnesota*

Functional Food Choices: Impacts of Trust and Control Beliefs  
*Yulian Ding, Southwestern University of Finance and Economics; Michele Veeman and Wiktor Adamowicz, University of Alberta*

**Session 1011: Social Networks and Learning in Agriculture in Developing Countries**  
Selected Presentation  
9:30 am – 11:00 am  
*Marriott Wardman Park, Lobby Level, Park 8219*

The role of social networks and peer influence in agricultural technology adoption constitutes an important line of research. These papers all examine different aspects of the ways in which social forces shape the adoption of agriculture practices in developing countries.
Presentations:
Spatial effects in organic agriculture adoption in Honduras: the role of social conformity, positive externalities, and information
Meike Wollni and Camilla Andersson, University of Göttingen

Leveling with Friends: Social Networks and Indian Farmers’ Demand for Agricultural Custom Hire Services
David Spielman, IFPRI; Travis Lybbert and Nicholas Magnan, University of California, Davis

The impact of index-based insurance on informal risk-sharing networks
Matthieu Delpierre, Université Catholique de Louvain; Stephen Boucher, University of California, Davis

Biofortification, crop adoption and health information: Impact pathways in Mozambique and Uganda
Alan De Brauw and Daniel Gilligan, IFPRI; Patrick Eozenou, World Bank; Neha Kumar and J.V. Meenakshi, IFPRI

Session 1012: Issues in Development Economics
Selected Presentation
9:30 am – 11:00 am
Marriott Wardman Park, Lobby Level, Park 8226

Papers in this session explore how credit and savings mechanisms impact producers in developing countries. The effects of access to credit and savings mechanisms on poverty is considered. Policies on skills development are also considered.

Presentations:
The Role of Credit and Savings in the Dynamics of Technology Decisions and Poverty Traps
Isai Guizar, Mario Miranda, and Claudio Gonzalez-Vega, The Ohio State University

Disaster-related Credit Supply Shocks and Economic Recovery
Benjamin Collier, University of Kentucky

Does Access to Finance Matter in Microenterprise Growth?: Evidence from Bangladesh
Shahidur Khandker and Hussain Samad, World Bank; Rubaba Ali, University of Maryland

Gauging Countries Commitment to Skills Development for Economic Transformation
Eugenie W.H. Maiga, African Center for Economic Transformation
**Session 1013: Water and Agriculture**
Selected Presentation  
9:30 am – 11:00 am  
*Marriott Wardman Park, Lobby Level 8228*

This session contains papers that analyze water use in an agricultural context.

Presentations:
Structural Estimation of Demand for Irrigation Water under Strategic Behavior  
*Juan Pablo Sesmero, Purdue University*

Water use efficiency in small-scale irrigation cooperative and its determinants from the perspective of social capital heterogeneity—the case of northwestern China  
*Xin Wang, Christopher McIntosh, and Philip Watson, University of Idaho; Qian Lu, Northwest A&F University; Hua Zhao Zhang, Auburn University*

Optimal Investment in Precision Irrigation Systems: A Dynamic Intraseasonal Approach  
*Erik Lichtenberg, University of Maryland*

Climate Change Impacts on Agriculture in the U.S.: Potential Constraints to Adaptation Due to Shifting Regional Water Balances  
*Elizabeth Marshall, Marcel Aillery, and Scott Malcolm, USDA-ERS*

**Session 1014: Agricultural Productivity, Biofuels, and Biotechnology**
Selected Presentation  
9:30 am – 11:00 am  
*Marriott Wardman Park, Lobby Level, Maryland A*

This session examines current economic issues related to biofuels and biotechnology including uncertainty, technology adoption, and labeling.

Presentations:
Optimizing Biofuels Production in an Uncertain Decision Environment  
*Jadwiga Ziolkowska, University of California, Berkeley*

*Sun Ling Wang, David Schimmelpfennig, and Eldon Ball, USDA-ERS*

Lessons from the California GM Labeling Proposition on the State of Crop Biotechnology  
*David Zilberman, University of California, Berkeley; Scott Kaplan, California State University, Sacramento; Eunice Mi Kim and Gina Waterfield, University of California, Berkeley*
What Drives the Early Adoption of Clean Agricultural Technologies? An Ex Ante Assessment of Sustainable Biofuel Production in Southwestern Wisconsin

Daniel Mooney and Bradford Barham, University of Wisconsin

Session 1015: Risk in Changing Landscapes: Climate Change, Transition to Organics, and Land Conversion

Selected Presentation
9:30 am – 11:00 am
Marriott Wardman Park, Lobby Level, Maryland B

A number of risks have been identified in relation to climate change, transitioning to organic production, and converting grasslands to cropland. Examining the risk in changing landscapes is the theme underlying these presentations.

Presentations:
Optimal Path for Global Land Use under Climate Change Uncertainty
Jevgenijs Steinbuks, Purdue University; Yongyang Cai, Stanford University; Joshua Elliott, University of Chicago; Thomas Hertel, Purdue University; Kenneth Judd, Stanford University

Threshold Effects in Transition to Organic Dairy Production
Timothy Delbridge, University of Minnesota

An Assessment of the Canadian Federal-Provincial Crop Production Insurance Program under Future Climate Change Scenarios in Ontario
Shuang Li and Alan Ker, University of Guelph

Native Grassland Conversion: The Roles of Risk Intervention and Switching Costs
David Hennessy and Hongli Feng, Iowa State University; Ruiqing Miao, University of Illinois

Session 1016: Production Aspects of Livestock Industry

Selected Presentation
9:30 am – 11:00 am
Marriott Wardman Park, Lobby Level, Maryland C

The livestock industry makes a significant contribution to the U.S. economy. This session covers its various production aspects, including decisions on herd size and exit strategies as well as farm productivity among dairy farmers, the impact of quota on dairy production among efficient dairy farmers, and production technological changes in the U.S. dairy product industry. This session also offers an analysis of how the choice of empirical approaches affects production efficiency estimates in beef cattle.

Presentations:
Size, Productivity and Exit Decisions in Dairy Farms
Fengxia Dong, University of Wisconsin; David Hennessy and Helen Jensen, Iowa State University

An Evaluation of Alternate Feed Efficiency Estimates in Beef Cattle
Ellen Goddard, Sandeep Mohapatra, John Basarab, Albert Boaitey, Jennifer Aalhus, and Vernon Baron, University of Alberta

Do Efficient Dairy Producers Purchase Quota?
Rebecca Elskamp and Getu Hailu, University of Guelph

Rate and Biases of Technical Change in the U.S. Dairy Product Industry: The Effects of Market Institutions and Scale Economies
Wei Zhang and Julian Alston, University of California, Davis

Session 1017: Attitudes and Water and Conservation Practice Adoption
Selected Presentation
9:30 am – 11:00 am
Marriott Wardman Park, Lobby Level, Virginia A

This session considers the determinants of producers’ adoption of best management practices for improved water quality and biodiversity conservation and consumer acceptance of price versus non price rationing of water in Ogallala aquifer.

Presentations:
Forecasting the Public's Acceptability of Municipal Water Regulation and Price Rationing for Communities on the Ogallala Aquifer
Jeffrey Edwards, Oklahoma State University; Tara Wade and Mark Burkey, North Carolina Agricultural and Technical State University; R. Gary Pumphrey, Angelo State University

The Impact of Values and Social Norms on Farm Soil and Nutrient Management Practices
Avishek Konar, Robyn Wilson, and Brian Roe, The Ohio State University

Farmers’ Preferences Towards Biodiversity Conservation Contracts
Maria Loureiro and Maria Allo, Univ. De Santiago De Compostela; Eva Iglesias, University polytechnic of Madrid, Spain

A Latent Class Analysis of Farmer Preferences Regarding Filter Strip Programs
Gregory Howard and Brian Roe, The Ohio State University

Session 1018: How to Apply for a Career or Graduate School
GSS Track Session
The time for your next step in life is approaching. You are likely asking yourself, should I apply for a career in academia, or industry, or should I gain a competitive advantage by going to graduate school? No matter the answer to this question, this track session will assist you in your next step in life.

Organizer:
Brandon McFadden, Oklahoma State University

Panelists:
Donald Malone, Oklahoma State University
Glynn Tonsor, Kansas State University
Jim MacDonald, USDA-ERS

Session 1019: Whither Global Food Prices?
International Section Track Session
9:30 am – 11:00 am
Marriott Wardman Park, Lobby Level, Virginia C

Recent surges in commodity prices have caused widespread speculation that real commodity prices will continue to rise over the coming decades. This stands in sharp contrast to the long run trend in agricultural prices since the end of WWII. This session will shed light on this debate by bringing to bear rigorous analyses by three teams of economists using three different analytical frameworks. In the first paper, Westhoff and Thompson argue that those predicting continuing price rises suffer from a misplaced focus on a subset of the underlying drivers, including: weather, growth in emerging markets, energy prices and government policies. By way of contrast, they will identify other factors, such as demographics, that are likely to drive long-term food price trends, demonstrating that even modest differences in assumptions about these factors -- each of which is difficult to project with confidence -- can lead to very different conclusions. Baldos and Hertel will explicitly decompose the relative contributions to crop prices, over the past 50 years, of growth in population, income, total factor productivity for crops, livestock and food processing, and biofuels. They will then use uncertain future projections of these underlying drivers, along with projected climate change impacts, in order to determine the likelihood of crop prices rising over the next 50 years. In the third paper, Mark Rosegrant will use the IMPACT model to project long run changes in food prices, factoring in not only climate change, but also water availability and investments in research and development, as well as infrastructure in developing countries. He will argue that we are indeed in an new era of rising long run crop prices unless there are significant increases in R&D investments in the next few decades.

Organizers:
Tom Hertel, Purdue University
Food safety in China has raised considerable amount of attention worldwide in recent years. Food safety is not only related to domestic food consumption, it has implications on international trade. A closely related topic is the overall standard of living in China as the country is experiencing drastic social and economic changes.

Organizer:
Wuyang Hu, University of Kentucky

Moderator:
David Abler, Pennsylvania State University

Discussant:
Kevin Chen, IFPRI

Presenters:
Hailong Yu, China Agricultural University
Yuqing Zheng, RTI International
Tao Tan, Nanjing Agricultural University
Jonathan Cook, USDA

Session 1021: Entrepreneurship and Marking in the Wine Industry
AEM/FAMPS Track Session
9:30 am – 11:00 am
Marriott Wardman Park, Mezzanine Level, Johnson
In the last decade we have observed the establishment of a growing number of small- and medium-sized wineries in a variety of regions and climates. As a result of this entrepreneurial activity, wine clusters are emerging in non-traditional locations. These emerging wine clusters have the potential to become vectors of rural development as they foster the growth of related industries. The manuscripts in this track session will explore issues related to entrepreneurship and marketing in the wine industry, with emphasis on emerging wine regions. The session will cover a wide range of topics, including: factors influencing distribution channel choices; evolution of wine cooperatives in terms of institutional environment, internal governance, and implications for their performance; links of emerging wine clusters to the hospitality and tourism industries; inter-firm collaboration and collective action strategies fostering cluster development; and legitimacy challenges for emerging wine regions as their wines are little known by distributors and consumers. Together, the manuscripts in this session will shed light of the formidable challenges that emerging wine regions should overcome in order to succeed. The papers will also suggest a future research agenda focusing on this growing agribusiness segment.

Organizer:
Miguel Gomez, Cornell University

Moderator:
Jill McCluskey, Washington State University

Presenters:
Miguel Gomez, Cornell University
Robert Brent Ross, Michigan State University
Lia Nogueira, University of Kentucky
Constantine Iliopoulos, Agricultural Economics Research Institute

Session 1022: Washington Policy Update from Economists from the House and Senate Agriculture Committees
Extension Section Track Session/Beltway Track Session
9:30 am – 11:00 am
Marriott Wardman Park, Lobby Level, Salon 3

Congress deals with a broad range of policy issues - from long-standing, agricultural specific issues such as commodity, conservation, and trade programs, to newer, cross-cutting issues such as energy and climate change. The presenters will provide their perspectives on policy issues affecting agriculture based on their perspectives on farm bill development. They will also seek comments and insights on issues from session attendees.

Organizer:
Steven Klose, Texas A&M University
Discussant:
Joy Harwood, USDA-Farm Service Agency

Presenters:
Bart Fischer, U.S. House of Representatives
Joe Shultz, Senate Committee on Agriculture, Nutrition & Forestry

**Session 1023: Quantifying the Economic Impacts of Local and Regional Food Systems**
Invited Paper Session
9:30 am – 11:00 am
*Marriott Wardman Park, Lobby Level, Delaware B*

This series of papers will utilize case studies to demonstrate ways and methods to begin to build a framework for estimating the economic impacts of local and regional food systems.

Organizer and Moderator:
Todd Schmit, Cornell University

Discussant:
Sarah Low, USDA-ERS

Presenters:
David Conner, University of Vermont
Todd Schmit, Cornell University
Allison Gunter, Colorado State University

**Session 1024: Local Governance, Tax Expenditures, Jurisdictional Spillover, and Community Growth**
CRENET Track Session
9:30 am – 11:00 am
*Marriott Wardman Park, Lobby Level, Nathan Hale*

As the U.S. economy continues to recover from the worst recession since the Great Depression, state and local governments find themselves responding to a multitude of concerns, including assessing the efficacy of incentive programs, conducting cost / benefit analysis of various tax expenditures, and determining the implications of inter-governmental competition. These are persistent issues with which local and state governments are struggling to adapt on multiple fronts. This session examines these issues while fostering a larger discussion on the appropriate role of government in the post-great recession era.

Organizer and Moderator:
Dayton Lambert, University of Tennessee

Presenters:
David Shideler, Oklahoma State University
Judith Stallmann, University of Missouri
Laura Kalambokidis, University of Minnesota
James Fannin, LSU AgCenter

**Session 1025: New and Emerging Issues in Resource Economics**
CAES Organized Symposium
9:30 am – 11:00 am
*Marriott Wardman Park, Lobby Level, Delaware A*

Structured around Ted-style conference sessions, this Organized Symposium will bring together leading and emerging thinkers who explore questions related to resource economics. Speakers will focus on emerging research questions and methods in their respective fields. The dialogue is intended to stimulate new thinking and thinkers in the discipline. No discussants will be used; rather discussion will rely on the audience to participate through Q&A.

Moderator:
Chad Lawley, University of Manitoba

Presenters:
Brady James Deaton, University of Guelph
Catherine Kling, Iowa State University
Katherine Baylis, University of Illinois
Richard Horan, Michigan State University

**Session 1026: Crop Insurance in the Emerging Budget and Policy Environment**
Organized Symposium
1:00 pm – 2:30 pm
*Marriott Wardman Park, Mezzanine Level, Harding*

Crop insurance is now the central player in farm risk management. With all farm support programs facing tight budget constraints, alternative programs are under examination to reduce spending, simplify programs, and eliminate redundancy. This discussion will provide industry, government and academic perspectives on how crop insurance will be affected by the new Farm Bill and the long-run implications of increasingly tight Federal budgets and recent and potential policy changes.

Organizer:
Laurence Crane, National Crop Insurance Services Inc

Moderator:
Session 1027: Food Inflation and Retail Price Dynamics: Evidence from the EU
Organized Symposium
1:00 pm – 2:30 pm
Marriott Wardman Park, Mezzanine Level, Hoover

This session focuses on the recent experiences across EU Member States on food price inflation and draws principally on on-going research on the FP7 project “Transparency of Food Prices”. The background to this issue is that, following the commodity crisis of 2007-2008, and the subsequent spike in 2011, the retail food inflationary experience varied considerably across the EU. Given that the EU countries are subject to a range of common policies and a (supposedly) integrated ‘single market’, the differences in the experiences of food price behaviour at the retail stage gave rise to significant concern for policymakers at the national and EU levels. The “Transparency of Food Prices” project addresses the potential causes for these differences and does so from a number of different perspectives. The proposed EAAE session provides an update on the research on price dynamics across the EU from both a theoretical and empirical perspective. Not only is it anticipated that the research will provide policy insights at the EU level but also, given the innovative nature of the research programme, also have wider implications for addressing food inflation and retail price dynamics in a number of other settings.

Organizer:
Steven McCorriston, University of Exeter Business School

Discussant:
Barry Goodwin, North Carolina State University

Panelist:
Stephan Von Cramon, University of Göttingen

Presenters:
Steven McCorriston, University of Exeter Business School
Chema Gil, UPC
Johan Swinnen, University of Leuven
This session will provide an interactive discussion among government officials, researchers, and extension educators to discuss various laws and policies that have direct impacts on buying local.

Organizer:
Kathleen Liang, University of Vermont

Panelists:
Matthew Benson, Virginia Tech
Paul Dunn, University of Louisiana at Monroe
Kathryn Boys, Virginia Tech
Kimberly Morgan, Mississippi State University

**Session 1029: Production Economics**
Selected Presentation
1:00 pm – 2:30 pm
*Marriott Wardman Park, Mezzanine Level, Wilson B*

Various production related topics are evaluated in this session.

Presentations:
Economic Impact of Sugar Enhancement Technology on Sugar-Beet-Based Ethanol Production
*Thein Maung, North Dakota State University*

Stored-grain Insect Control Costs in Varying Climates and Levels of Insect’s Phosphine Resistance
John Mann, North Central Regional Center for Rural Development; Brian Adam, *Oklahoma State University; Frank Arthur, USDA-ARS/GMPRC*

The Economics of Spatial Configurations: Disease-Resistant Vineyards
*Shadi Atallah, Miguel Gomez, Jon Conrad, and Jan Nyrop, Cornell University*

Do Changes in Orchard Supply Occur at the Intensive or Extensive Margin of the Landowner?
*Thomas Marsh, Washington State University*

**Session 1030: Health and Food Choices**
Selected Presentation
1:00 pm – 2:30 pm
*Marriott Wardman Park, Mezzanine Level, Wilson C*
The papers in this section explore linkages between food consumption, health and nutrition.

Presentations:
By Ounce or By Calorie? The Differential Effects of Alternative Sugar-sweetened Beverage Tax Strategies
*Chen Zhen, RTI International*

The Impact of Nutritional Taxes on Quantity and Quality of Consumption: The Case of Beverages Taxes in France
*Andres Silva, French National Institute for Agricultural Research; Fabrice Etile, INRA-ALISS; Senarath Dharmasena, Texas A&M University*

The Size vs. Health Trade-off in Lower-Income Households' Food Choices: The Case of Fluid Milk
*Alessandro Bonanno, Wageningen University; Lauren Chenarides, The Pennsylvania State University; Richard Volpe, USDA-ERS*

Health-Related Product Attributes and Consumer Purchasing Behavior: An Application to Ready-to-Eat Breakfast Cereal Market
*Edward Jaenicke and Jing Li, The Pennsylvania State University*

**Session 1031: Demand for Recreation and Ecosystem Amenities**
Selected Presentation
1:00 pm – 2:30 pm
*Marriott Wardman Park, Mezzanine Level, McKinley*

The papers in this session examine various aspects of the demand for ecosystem services and amenities supplied by parks and open spaces.

Presentations:
Modeling Long Overnight Trips by Chaining Recreation Sites
*Min Chen, Frank Lupi, Michael Kaplowitz, and Scott Weicksel, Michigan State University*

Consequential Cash Choice Experiments: Provision Rules and Decision Support for Restoration of NROC’s Ecosystem
*Achyut Kafle, University of Rhode Island; Stephen Swallow, University of Connecticut*

A Meta-Analysis and Repeat Sales Approach to Decomposing Local Park Attributes
*Mitch Livy and Allen Klaiber, The Ohio State University*

*Mohammad Mainul Hoque, Catherine Kling, and Joseph Herriges, Iowa State University*
**Session 1032: Empirical Research on Stakeholder Implications in Markets**

Selected Presentation
1:00 pm – 2:30 pm
*Marriott Wardman Park, Mezzanine Level, Balcony A*

A diverse set of papers on how various stakeholders are affected by changes in market structure and dynamics.

Presentations:
Marketing Cooperatives’ Equity Sources: An Empirical Study
*Nikos Kalogeras and Joost Pennings, Maastricht University*

Consumers’ Willingness to Pay for COOL Sugar: Do Countries and Regions Matter When Purchasing Sugar?
*Karen Lewis, Arizona State University*

The Role of Price Information in Agricultural Markets: Experimental Evidence from Rural Peru
*Eduardo Nakasone, IFPRI*

**Session 1033: Fertilizer Use and Policy**

Selected Presentation
1:00 pm – 2:30 pm
*Marriott Wardman Park, Lobby Level, Park 8209*

This session is dedicated to fertilizer use and policy in Africa.

Presentations:
Fertilizer Subsidy, Political Influence and Local Food Price in Sub-Saharan Africa: Evidence from Nigeria
*Hiroyuki Takeshima, IFPRI; Saweda Liverpool-Tasie, Michigan State University*

What are the Effects of Input Subsidy Programs on Equilibrium Maize Prices? Evidence from Malawi and Zambia
*Jacob Ricker-Gilbert, Purdue University; Nicole Mason and Thomas Jayne, Michigan State University; Francis Darko, Purdue University Solomon Tembo, Indaba Agricultural Policy Research Institute*

Fertilizer Subsidies and Voting Behavior: Political Economy Dimensions of Input Subsidy Programs
*Nicole Mason and Thomas Jayne, Michigan State University; Nicolas Van De Walle, Cornell University*
**Session 1034: On the Impacts of Biofuel Policy**
Selected Presentation
1:00 pm – 2:30 pm
*Marriott Wardman Park, Lobby Level, Park 8212*

These presentations offer perspective on the impacts of biofuel policy in the United States. The first presentation look into the impact of suspending ethanol mandates. The second presentation provides a meta-analysis of ethanol policy on corn prices. The last two presentation show evidence of the effect of biofuel policy on land use.

Presentations:
Conditional Suspension of the US Ethanol Mandate using Threshold Price inside a Competitive Storage Model
*Anh Nam Tran and Michael Roberts, North Carolina State University*

Impacts of Ethanol Policy on Corn Prices: A Review and Meta-Analysis of Recent Evidence
*Heather Klemick and Ann Wolverton, U.S. Environmental Protection Agency*

Sustainable Biofuels, Marginal Agricultural Lands, and Farm Supply Response: Micro-Evidence for Southwest Wisconsin
*Daniel Mooney, Bradford Barham and Chang Lian, University of Wisconsin*

Cultivated Land Expansion and the Impacts of Biofuel Development on Global Agricultural Markets
*Jikun Huang and Jun Yang, Chinese Academy of Sciences; Siwa Msangi, IFPRI; Scott Rozelle, Stanford University; Alfons Weersink, University of Guelph*

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**Session 1035: Technology Adoption and Return to Education**
Selected Presentation
1:00 pm – 2:30 pm
*Marriott Wardman Park, Lobby Level, Park 8216*

Presentations examine the influencing factors in adopting and implementing new technologies and the role of education in job seeking and earnings.

Presentations:
Impact of Earned and Unearned Off-Farm Income on Adoption of New Technologies
*Haluk Gedikoglu and Joseph Parcell, University of Missouri*

Considering Stakeholders when Implementing New Technologies
*Ronald Larson and Anna Brown, Western Michigan University*

Gender Preference in Academic Hiring: Evidence from a Two-Sided Matching Model
Peter Slade, University of Guelph

On the Economic Returns to a College Degree in Agriculture: What Do We Know?
Gentian Kostandini, University of Georgia; Elton Mykerezi, University of Minnesota; Kristine Lamm West, St. Catherine University

Session 1036: Dealing with the Weather
Selected Presentation
1:00 pm – 2:30 pm
Marriott Wardman Park, Lobby Level, Park 8219

Climate variability and weather related shocks are increasingly observed in developing countries. Papers in this session focus on how smallholders are adapting to weather-related shocks.

Presentations:
The Impact of Microinsurance on Asset Accumulation and Human Capital Investments: Evidence from a Drought in Kenya
Sarah Janzen and Michael Carter, University of California, Davis

How Do African Households Adapt to Climate Change? Evidence from Malawi
Aaron Cook, Jacob Ricker-Gilbert, and Juan Pablo Sesmero, Purdue University

The Impacts of Climate Change on Corn and Soybean Yields in China
Shuai Chen, Peking University; Xiaoguang Chen, Southwestern University of Finance and Economics; Jintao Xu, Peking University

Weather and Welfare in Ethiopia
Jeremy Foltz and Jared Gars, University of Wisconsin

Session 1037: Exploring Intersection of International Trade and our Environment
Selected Presentation
1:00 pm – 2:30 pm
Marriott Wardman Park, Lobby Level, Park 8226

It is increasingly recognized that holistic assessments of the impacts of international trade, must include consideration of environmental and resource effects. This session offers a series of case studies which examine how regulation, outbreaks, and resource scarcity and quality can be integrated into trade analysis.

Presentations:
Pollution Haven Effect with Heterogeneous Firms
Hongliang Zhang, Oregon State University
Did the December 2003 U.S BSE-Outbreak Impact EU-27’s Red Meat Exports?
Fawzi Taha and William Hahn, USDA-ERS

Water Scarcity and International Agricultural Trade
Jing Liu, Farzad Taheripour, and Thomas Hertel, Purdue University; Tingju Zhu and Claudia Ringler, IFPRI

The Effects of Exports on Facility Environmental Performance: Evidence from a Matching Approach
Jingbo Cui and Hang Qian, Iowa State University

**Session 1038: Water Issues**
Selected Presentation
1:00 pm – 2:00 pm
*Marriott Wardman Park, Lobby Level, Park 8228*

This session contains papers pertaining to facets of water economics. Topics include groundwater use and drinking water quality.

Presentations:
Predicting Groundwater Trade Participation
*Elizabeth Juchems and Karina Schoengold, University of Nebraska*

Groundwater Use in an Asymmetric Aquifer
*Jeffrey Peterson, Kansas State University; Alexander Saak, IFPRI*

Estimating Production Inefficiency of Alternative Cost-Sharing Arrangements: A Case Study in Groundwater Pumping Decisions
*Juan Pablo Sesmero and Shanxia Sun, Purdue University*

The Impact of Drinking Water Violations on Perinatal Health
*Matthew Harding, Stanford University*

**Session 1039: The Economics of Fisheries and Aquatic Invasive Species**
Selected Presentation
1:00 pm – 2:30 pm
*Marriott Wardman Park, Lobby Level, Maryland A*

Externalities, invasive species, and sustainable fisheries management are modeled.

Presentations:
On Valuing Positive Externalities
*Ekaterina Vorotnikova and Andrew Schmitz, University of Florida*
Sustainable Bioeconomic Modeling of Fishery: The Case of the Chesapeake Bay Blue Crab Fishery

Pei Huang and Richard Woodward, Texas A&M University; Michael Wilberg, University of Maryland; David Tomberlin, NOAA Federal

Spatial-Dynamic Externalities and Coordination in Invasive Species Control

Yanxu Liu and Charles Sims, Utah State University

Evaluating habitat-fishery interactions: The case of Submerged Aquatic Vegetation and Blue Crab fishery in the Chesapeake Bay

Nikolaos Mykoniatis and Richard Ready, Pennsylvania State University

Session 1040: The Roles of Behavior, Perceptions, and Information in Risk Assessment and Crop Insurance

Selected Presentation
1:00 pm – 2:30 pm
Marriott Wardman Park, Lobby Level, Maryland B

Presentations in this session focus on producer perceptions of price and yield risk and behavior in regards to this risk. The information available in assessing risk varies among commodities and countries and is especially relevant when evaluating crop insurance decisions.

Presentations:
Can Expert Knowledge Compensate Data Scarcity in Crop Insurance Pricing?
Zhiwei Shen, Martin Odening, and Ostap Okhrin, Humboldt University of Berlin

Political Economy of Crop Insurance Risk Subsidies under Imperfect Information
Harun Bulut and Keith Collins, NCIS

An Analysis of Farmers’ Optimal Behavior in Crop Insurance Choices
Hongli Feng, Iowa State University; Xiaodong Du, University of Wisconsin; David Hennessy, Iowa State University

Session 1041: Spatial Analysis and Rural Issues

Selected Presentation
1:00 pm – 2:00 pm
Marriott Wardman Park, Lobby Level, Maryland C

The papers in this session utilize spatial techniques to evaluate rural issues associated with migration, employment, development, and poverty.

Presentations:
A Spatial Analysis of the Role of Residential Real Estate Investment in the Economic Development of the Northeast Region of the United States
Praveena Jayaraman, Tesfa Gebremedhin, and Donald Lacombe, West Virginia University

Determinants of Firm Relocation—A Study of Agri-Food Processors
Vanessa Persillet, LERECO, INRA; J. Scott Shonkwiler, University of Georgia

Implications of Farm-Nonfarm Population Shifts for Household Poverty Changes in Cameroon

Session 1042: Data Analytic Methods for Experimental Auctions: A Learning Session
Econometrics Section Track Session
1:00 pm – 2:30 pm
Marriott Wardman Park, Lobby Level, Virginia A

This learning session will cover data analytic methods applied to willingness-to-pay bids from experimental auctions, in which people bid to buy real products using real money in a setting employing rules that provide incentives for people to truthfully reveal their value for each product up for auction. A brief introduction to experimental auction markets is presented, and the usefulness of the data from the approach is illustrated by showing how bids can be used to address a host of questions that arise in new product development and policy research. Using a real data set and code, the session will walk through examples of how to make market share predictions, calculate demand elasticities, and determine optimal pricing. Econometric models such as the tobit and the double hurdle model will be fit to the data to illustrate how to analyze determinants of willingness to pay. Time permitting, the session will also illustrate how to apply other methods such as perceptual mapping, factor analysis, and cluster analysis to experimental auction data. Participants should bring their laptop and have R downloaded on it.

Organizer:
Alan Ker, University of Guelph

Presenter:
Jayson Lusk, Oklahoma State University

Session 1043: Increasing Information Literacy for Agricultural Economics and Agribusiness Undergraduate
TLC/NAAEA Track Session
1:00 pm – 2:00 pm
Marriott Wardman Park, Lobby Level, Virginia B

This track session will highlight a team approach at three universities to increase the information literacy for undergraduate agricultural economics and agribusiness students
as a result of partnerships between ag econ faculty and library faculty. Form Cal Poly three presenters, the department Chair, and a faculty member from ag econ and the library will report on their programs and results. Purdue University and University of North Carolina – Ashville will also be represented by faculty from ag econ and the libraries. The reported collaborations have been shown to increase information literacy among the students as well as sparked the development of manuscripts for submission to professional journals. The session moderator will lead discussion encouraging the audience to ask questions, share their experiences and explore new approaches to enhance student learning.

Organizers:
Joan Fulton, Purdue University
Lynn Hamilton, California Polytechnic State University

Moderator:
Octavio Ramirez, University of Georgia

Presenters:
Joan Fulton, Purdue University
Mary Dugan, Purdue University
Leah Greden Mathews, University of North Carolina - Asheville
Lynn Hamilton, California Polytechnic State University
Katherine O'Clair, California Polytechnic State University
Jay Noel, California Polytechnic State University

Session 1044: Risk, Risk Perception and Behavior
ARA/IBES Track Session
1:00 pm – 2:30 pm
Marriott Wardman Park, Lobby Level, Taft

The study of risk behavior has played a central role in the empirical development of agricultural and resource economics. This is largely due to the risky nature of agricultural yields and similar properties among managed resources, making an understanding of risk behavior essential in modeling such pursuits. At the same time, risk and information have also played the lead role in the development of behavioral economics. However, this has occurred due to the many clear ways in which individual behavior appears to deviate from classical rational assumptions. Within this session, we will examine the important implications of behavioral modeling for both risk behavior and management.

Organizer and Discussant:
Travis Lybbert, University of California, Davis

Moderator:
David Just, Cornell University
Session 1045: Rural and Farm Household Implications of the Patient Protection and Affordable Care Act  
CRENET/Senior Section Track Session  
1:00 pm – 2:00 pm  
*Marriott Wardman Park, Lobby Level, Nathan Hale*

The purpose of this session is to investigate and discuss the economic implications of implementation of the ACA for rural communities and rural and farm households. Three papers will be presented, followed by a discussion among participants, initiated by the remarks of a discussant. The first paper will focus on how the ACA is likely to affect insurance coverage of rural people in general, modeling how the health insurance exchanges that will be established will affect entry and exit of insurance firms in rural markets and the health insurance choices rural people may make when presented with new insurance options. The second paper will focus on the health insurance coverage that farm households have, considering coverage available through off farm employment as well and self insurance, and the impacts that the ACA may have on this. The third paper discusses linkages between rural health care and community economic development and the potential implications of the ACA on these linkages.

Organizer:  
John Pender, USDA-ERS

Discussant:  
James Fannin, LSU AgCenter

Presenters:  
Timothy McBride, Washington University in St. Louis  
Mary Ahearn, USDA-ERS  
John Pender, USDA-ERS

Session 1046: Local and Gendered Impacts of Climate Change and Other Drivers on Adaptation at Micro Level: Lessons from S.S. Africa, S. Asia and Mountain Regions in Latin America  
International Track Session  
1:00 pm – 2:30 pm  
*Marriott Wardman Park, Lobby Level, Virginia C*

The session will focus on the presentation of recent research undertaken at the local level to understand the impacts of climate change on people and communities in rural regions.
of Sub Saharan Africa, South Asia, the Mountains of Bolivia, and Southern Peru. This session will focus on household, intra-household, and community level data recently collected to study the impacts of climate change and of other drivers impacting on vulnerability and adaptation. All these presentations consider gender, as well as other factors that impact on the ability of decision makers locally to adapt to climate change. These presentations consider a variety of agricultural production systems, market articulation, and sources of vulnerability, use gender disaggregated data, and assess perceptions and impacts, at the plot and household levels. The invited discussant, will draw lessons from these diverse experiences, and discuss the connect or disconnect between climate change adaptation policies and local level impact and action.

Organizer:
Corinne Valdivia, University of Missouri

Discussant:
Andre Mershon, US Agency for International Development

Presenters:
Brent Swallow, University of Alberta
Chiara Kovarik, IFPRI
Elizabeth Jimenez, Universidad Mayor San Andres
Cecilia Turin, Universidad Nacional Agraria La Molina

Session 1047: Economic Policies and Priorities to Promote U.S. International Trade
Beltway Track Session
1:00 pm – 2:30 pm
Marriott Wardman Park, Lobby Level, Salon 3

The purpose of the session is to present a high level, non-academic perspective on U.S. international trade policy from three distinguished speakers with policy experience. The intended audience is policy analysts from government, industry, and policy institutes along with students and faculty interested in international trade and policy.

Organizer and Moderator:
Sally Thompson, Bureau of Economic Analysis

Panelists:
Mark Doms, Under Secretary of Commerce for Economic Affairs
Clayton Yeutter, Former USTR and Secretary of Agriculture Ambassador
Michael Ferrantino, US International Trade Commission

Session 1048: Trading Dynamics and Price Behavior in Agricultural Futures Markets
Invited Paper Session
Food price volatility has increased dramatically in the last decade and this has raised important questions and concerns about the effects on production, consumption, and storage decisions. Because of the close relationship between futures and cash prices and the important role of futures in discovering prices, much of the concerns have focused on the behavior of agricultural futures prices.

Organizer:
Scott Irwin, University of Illinois

Moderator:
Joe Glaubner, USDA-Office of the Chief Economist

Discussant:
James Moser, American University

Presenters:
Joseph Janzen, University of California, Davis
Dwight Sanders, Southern Illinois University
Michel Robe, American University

**Session 1049: The Effects of Social Network on Food Choices**

FSN Track Session
1:00 pm – 2:30 pm
*Marriott Wardman Park, Mezzanine Level, Johnson*

This session offers an insight into current issues regarding the effects of social network membership on consumer choice behavior. The papers will investigate whether consumers’ choices are influenced by peer effects, the impact of ratings provided by social media websites on restaurant choice, how referent individuals can be identified, and how social networks are formed in Famers’ Markets.

Organizers:
Christiane Schroeter, California Polytechnic State University
Timothy Richards, Arizona State University

Moderator:
Timothy Richards, Arizona State University

Presenters:
Christiane Schroeter, California Polytechnic State University
Timothy Richards, Arizona State University
Helen Jensen, Iowa State University
Session 1050: A Stakeholder Perspective of Agricultural Innovation  
CAES Organized Symposium  
1:00 pm – 2:30 pm  
*Marriott Wardman Park, Lobby Level, Delaware A*

The papers in this session examine innovation from the perspective of policy makers, producers, and producer institutions. The findings presented in this session may provide insight for a variety of stakeholders in the development of programs or decision-making tools to aid in both the development and the adoption of agricultural innovations.

Organizer:  
Eric Micheels, University of Saskatchewan

Moderator:  
Richard Gray, University of Saskatchewan

Discussant:  
Derek Brewin, University of Manitoba

Presenters:  
Samira Bakhshi, University of Saskatchewan  
Eric Micheels, University of Saskatchewan  
Katarzyna Bolek, University of Saskatchewan

Organized Symposium  
2:45 pm – 4:15 pm  
*Marriott Wardman Park, Mezzanine Level, Harding*

Priority setting for agricultural research investments requires plausible perspectives on the range of key agricultural variables - from prices to malnourished children. Recent agricultural price developments reported by leading models have ranged from no price increases to 100 percent or more between now and 2050. To understand why, 10 of the world's leading global economic models with substantial agricultural representation have recently completed an outputs comparison exercise under the auspices of the AgMIP project. Presenters in this symposium will present selected results from this comparison, discuss their implications, and future plans.

Presenters:  
Sherman Robinson, IFPRI  
Gerald Nelson, University of Illinois
Session 1052: Climate and Environmental Policy
AERE Session
2:45 pm – 4:15 pm
Marriott Wardman Park, Mezzanine Level, Hoover

The Distributional Consequences of Climate Change Mitigation Policies in Developing Countries: Macroeconomic Decomposition Approach
Zeynep Akgul, Purdue University

Climate Change Adaptation: How does Heterogeneity in Adaptation Costs Affect Climate Coalitions?
Itziar Lazkano, University of Wisconsin-Milwaukee; Walid Marrouch, Cirano; Bruno Nkuiya, University of Laval

Border Tax Adjustments versus Punitive Tariffs: Their Composition in Terms of Credibility and Effectiveness in International Environmental Agreements
Zeynep Burcu Irfanoglu, Juan Sesmero, and Alla Golub, Purdue University

Incidence and Environmental Effects of Distortionary Subsidies
Garth Heutel, UNC Greensboro

Session 1053: Agribusiness Decision Making
Selected Presentation
2:45 pm – 4:15 pm
Marriott Wardman Park, Mezzanine Level, Wilson A

Four different management decisions are highlighted in these papers.

Presentations:
The Effects of Ownership Structure on CEO Pay: Evidence from Member-Owned Firms
Brent Hueth, University of Wisconsin

Impact of Board Structure and Process on Cooperative Performance
Jason Franken, Western Illinois University; Michael Cook, University of Missouri

Improving Our Understanding of the Conduct and Performance of Cooperative Businesses Using Directed Acyclic Graphs
Padmaja Pancharatnam and John Park, Texas A&M University

Session 1054: Issues and Strategies for Estimation of Demand Models
The papers in this section explore new and innovative approaches for the estimation and specification of demand system of equations.

Presentations:
The STARs with the GIDDS: Smooth Transition Functions and Structural Change
*Zekarias Hussein and James Eales, Purdue University; Nestor Rodriguez, Texas A&M University*

New Empirical Method to Model Seasonality in Demand Systems: Empirical Evidence from the UK Expenditure Data
*Andres Silva, French National Institute for Agricultural Research; Senarath Dharmasena, Texas A&M University*

Estimating PIGLOG Demands Using Representative versus Average Expenditure
*William Hahn, Fawzi Taha, and Christopher Davis, USDA-ERS*

Subsidizing Fruits and Vegetables by Income Group: A Complete Demand System Analysis
*Luyuan Niu and Michael Wohlgenant, North Carolina State University*

**Session 1055: Dynamics of Agricultural Prices**

The papers in this section use modern time series methods to explore the dynamics of agricultural prices in several countries.

Presentations:
Semi–Parametric, Generalized Additive Vector Autoregressive Models of Spatial Price Dynamics
*Selin Guney, North Carolina State University*

Nonlinearities in Regional Rice Prices in the Philippines: Evidence from a Smooth Transition Autoregressive (STAR) Approach
*Valerien Pede and Harold Valera, International Rice Research Institute; Andrew McKenzie, University of Arkansas; Mohammad Alam*

Co-movement of Price Volatility Among Major Crops
*Cornelis Gardebroek, Wageningen University; Manuel Hernandez and Miguel Robles, IFPRI*
Stability in Organic Milk Farm Prices: A Comparative Study
Ye Su and Michael Cook, University of Missouri

Session 1056: Experiments on Consumer Preferences for Food and Plant Attributes
Selected Presentation
2:45 pm – 4:15 pm
Marriott Wardman Park, Mezzanine Level, McKinley

This session contains four papers employing field and laboratory experiments to assess consumers’ preferences and willingness to pay for food and plant attributes.

Presentations:
Do ‘Locally Grown’ Claims Influence Food Purchase? Evidence From a Natural Field Experiment
Luisa Menapace, TUM; Roberta Raffaelli, University of Trento

Does Eye Tracking Reveal More About the Effects of Buying Impulsiveness and Intertemporal Tradeoffs on the Green Industry Consumer Choice Behavior?
Hayk Khachatryan, University of Florida; Bridget Behe, Michigan State University; Benjamin Campbell, University of Connecticut; Charlie Hall, Texas A&M University; Chengyan Yue, University of Minnesota; Jennifer Dennis, Purdue University

Consumer Preferences for Apple Quality Traits
Lilian Carrillo-Rodriguez, Rosa Karina Gallardo, Vicki McCracken, Washington State University; Chengyan Yue and James Luby, University of Minnesota; Jim McFerson, WA Tree Fruit Research Commission

Are Consumers Willing To Pay for Grass Fed Beef? A Hypothetical and Non-Hypothetical Comparison
Aaron Adalja, James Hanson, Charles Towe, and Elina Tselepidakis, University of Maryland

Session 1057: International Consumer Markets
Selected Presentation
2:45 pm – 4:15 pm
Marriott Wardman Park, Mezzanine Level, Balcony A

Papers in this session will explore how international food consumers react to market information, incentives and differentiated products.

Presentations:
Comparing Perceptions of Biotechnology in Fresh versus Processed Foods: A Cross-Cultural Study
Hyeyoung Kim and Lisa House, University of Florida

Assessing Korean Consumers’ Valuation for BSE Tested and Country of Origin Labeled Beef Products
Sang Hyeon Lee, Texas A&M University; Ji Yong Lee, Kansas State University; Doo Bong Han, Korea University; Rodolfo Nayga, University of Arkansas

Quality Incentives in Informal Markets: The Case of Ecuadorian Cocoa
Pilar Jano and Brent Hueth, University of Wisconsin

**Session 1058: Current Environmental Issues in Farming**

Selected Presentation
2:45 pm – 4:15 pm
Marriott Wardman Park, Mezzanine Level, Balcony B

The section starts with a paper on the lessons learned from the environmental service and farm income support programs. The second paper evaluates plant pests in the United States. The third paper assesses production changes due to climate shocks in Africa. The section finishes with a watershed and tillage model analyzing nutrient and sediment loadings into Lake Erie.

Presentations:
US Farmers and Environmental Compliance under Reformed Farm Programs: What can be learned from the EU Experience?
*Amber Remble and Roman Keeney, Purdue University*

Climate Shocks and African Food Prices
*Shun Chonabayashi, Cornell University*

From Farmer Management Decisions to Watershed Environmental Quality: A Spatial Economic Model of Crop Rotation Choices
*Wendong Zhang and Elena Irwin, The Ohio State University*

**Session 1059: Food and Agricultural Policy: Calorie Consumption and Nutrition**

Selected Presentation
2:45 pm – 4:15 pm
Marriott Wardman Park, Lobby Level, Park 8209

These presentations analyze a range of issues involving food and nutrition and the link with agricultural policy, in the US and abroad.

Presentations:
Where Does the Effect of Calorie Labeling on Snack Choices Come From? Roles of Two Conflicting Learning Effects
Session 1060: Parental and Food Environmental Influences on Health
Selected Presentation
2:45 pm – 4:15 pm
Marriott Wardman Park, Lobby Level, Park 8212

This session discusses the role of nutrition education in children’s diet. In addition, studies present about the tobacco usage among U.S. youth, visual cues, and the impact of the food environment on children’s health.

Presentations:
The Cost Effectiveness of Educating Limited Resource Youths on Food and Nutrition
Ranju Baral, George Davis, Elena Serrano, Mary McFerren, and Wen You, Virginia Tech

The Effect of Pre-Selection and Visual Cues on Food Item Selection by Middle School Children
Gabrielle Ferro and Sonam Gupta, University of Florida

Effects of Food Source on Child Dietary Quality and Calorie Consumption: Unconditional Quantile Regression Approach
Travis Smith, University of Minnesota

Factors that Influence the Frequency and Quantity of Tobacco use Among U.S. Youth
Gregory Colson, Scott Shonkwiler, and Xuedong Wu, University of Georgia

Session 1061: Input Use and Crop Choice in Developing Countries
Selected Presentation
2:45 pm – 4:15 pm
Marriott Wardman Park, Lobby Level, Park 8216

Growth in food production per capita in Africa and Southern Asia has lagged behind other developing countries. Stagnant yields and low rates of input use in Africa have
been particularly worrying. These papers explore the key factors underlying how farmers in poor countries make decisions about inputs and crops.

Presentations:
Modeling the Impacts of Input Market Reforms on Fertilizer Demand and Maize Production: An Example from Kenya
*Megan Sheahan; Thomas Jayne and Joshua Ariga, Michigan State University*

Fertilizer Use among Smallholder Farmers in Kenya: The Role of Off-farm Employment
*Mary Mathenge and Melinda Smale, Michigan State University*

Reconsidering Post Green Revolution Food Choices: New Processing Technologies and Food Security in India
*Evan Miller-Tait, Martin Luckert, Sandeep Mohapatra, Brent Swallow, University of Alberta*

**Session 1062: Frontiers in Empirical Trade Analysis**
Selected Presentation
2:45 pm – 4:15 pm
*Marriott Wardman Park, Lobby Level, Park 8219*

The papers in this session offer advances to empirical approaches used in examining issues related to international trade.

Presentations:
A Non-parametric Approach to Modeling Exchange Rate Pass-through in Basic Commodity Markets
*Gulcan Onel, University of Florida; Barry Goodwin, North Carolina State University*

A Structural Estimation of Offshoring in the U.S. Labor Market Using Non-Parametric Cubic Spline Method
*Xuan Wei, Michigan State University; Xianwei Meng, University of Wisconsin*

Structure and Behavior of Multi-Product Firms: Evidence from India
*Jangho Choi, Oregon State University; Gopinath Munisamy, USDA-ERS*

Unconditional Quantile Estimation: An Application to the Gravity Framework
*Alexander Cairns and Alan Ker, University of Guelph*

**Session 1063: Energy Economics**
Selected Presentation
2:45 pm – 4:15 pm
*Marriott Wardman Park, Lobby Level, Park 8226*
This session contains papers that address energy topics. Topics include biofuels, crude oil, energy conservation, and the resource curse.

Presentations:
Trajectory of Maturity: An Empirical Analysis of US Biofuel Innovations
*Heesun Jang and Xiaodong Du, University of Wisconsin*

Is there a Global Relationship Across Crude Oil Benchmarks
*Janelle Mann, University of Manitoba*

Measuring the Energy Savings from Tree Shade
*Joseph Maher, University of Maryland*

Disentangling the Natural Resource Curse: National and Local Socioeconomic Impacts of Natural Resource Windfalls
*David Fleming, CSIRO*

**Session 1064: Climate, Risk, and Agricultural Production**
Selected Presentation
2:45 pm – 4:15 pm
*Marrriott Wardman Park, Lobby Level, Park 8228*

This session focuses on various aspects of climate and weather risk such as the impact of drought on agricultural production. Other papers examine instruments that can be used to mitigate adverse effects of climate change such as efficient water irrigation systems and best management practices.

Presentations:
The Spatio-temporal Impact of Drought on Local and Regional Feeder Cattle Inventories
*Eric Belasco, Montana State University*

Managing Weather Risk for Cotton in Texas High Plains with Optimal Temporal Allocation of Irrigation Water
*Shyam Sivankutty Nair, Chenggang Wang, Stephan Maas, Thomas Knight, Eduardo Segarra, and Jeffrey Johnson, Texas Tech University; Steven Mauget, USDA-ARS*

U.S. Crop Yields Redux: Weather Effects versus Human Inputs
*Federico Trindade, University of Nebraska*

Adoption of BMPs and Technical Inefficiency in Canadian Canola Production
*Ali Cagdas, Scott Jeffrey, Elwin Smith, and Peter Boxall, University of Alberta*

**Session 1065: Economic Efficiency and Uncertainty**
Selected Presentation
2:45 pm – 4:15 pm
Marriott Wardman Park, Lobby Level, Maryland A

This session examines issues of economic efficiency and uncertainty in agricultural production with applications to dairy farms and cotton ginning.

Presentations:
Dynamic Efficiency Under Uncertainty: An Application to German Dairy Farms
Christina Wagner, Silke Huettel and Martin Odening, Humboldt-Universität Berlin

Evaluating the Importance of Multiple Imputations of Missing Data on Stochastic Frontier Analysis Efficiency Measures
Saleem Shaik, North Dakota State University; Oleksiy Tokovenko, SAS Institute

A Comparative Efficiency Analysis of Cooperative and Non-cooperative Dairy Manufacturing Firms
Christopher Kanter and Brent Hueth, University of Wisconsin

Session 1066: Property Rights Institutions and Natural Resources
Selected Presentation
2:45 pm – 4:15 pm
Marriott Wardman Park, Lobby Level, Maryland B

This session considers the effects of property rights, institutions, and community organizing on sustainable forest management and natural gas exploitation.

Presentations:
Divided Rights, Expanded Conflict: The Impact of Split Estates in Natural Gas Production
Kofi Nkansah, West Virginia University

Linking Remote Sensing and Economics: Evaluating the Effectiveness of Protected Areas in Reducing Tropical Deforestation
Joseph Maher and Xiappeng Song, University of Maryland

Session 1067: Analyzing and Understanding How Producers Respond to Price Risk in a Global Economy
Selected Presentation
2:45 pm – 4:15 pm
Marriott Wardman Park, Lobby Level, Maryland C

Presentations in this session focus on global food production and the impact of price changes and volatility. Topics include acreage allocation, market linkages between the agricultural and energy markets, and income levels.

Presentations:
Inter- and Intra-annual Global Crop Acreage Response to Prices and Price Risk
*Mekbib Haile and Matthias Kalkuhl, Center for Development Research; Joachim Von Braun, IFPRI*

Marketing Margins and Input Price Uncertainty
*Josh Maples, Ardian Harri, John Michael Riley, and Jesse Tack, Mississippi State University*

Long-term Impacts of Global Food Crisis on Production Decisions: Evidence from Farm Investments in Indonesia
*Manabu Nose and Futoshi Yamauchi, The World Bank*

Agricultural Supply Response to International Prices and Price Volatility and Implications to Global Food Supply
*Matthias Kalkuhl, Center for Development Research*

**Session 1068: Engaging Undergraduate to Graduate Students in Teaching and Research While Meeting the Expectations of their Future Employers**

Selected Presentation
2:45 pm – 4:15 pm
*Marriott Wardman Park, Lobby Level, Virginia A*

This session will explore the value of engaging Agricultural Economic students in both education and research activities to that will not only enhance the student’s skills and better suited to the changing employment landscape.

Presentations:
Engaging Undergraduates in an Interdisciplinary, International Collaboration for Development
*Janelle Larson, Pennsylvania State University*

The Value of Undergraduate Research
*Lynn Hamilton, California Polytechnic State University; Leah Greden Mathews, University of North Carolina, Asheville; Richard Grant, California Polytechnic State University*

The Attitudes and Expectations of Graduate Students in Agricultural Economics: A National Survey
*Jerrod Penn, University of Kentucky; Mikael Sandberg, University of Florida*

Addressing the Needs of the Agribusiness "Fringe"
*Ronald Larson, Western Michigan University*

**Session 1069: Industry Organizations and Agribusiness Programs**
Over the past five years, a number of industry associations have begin to engage agro-food undergraduate students in selected universities. The objective is to describe the impact of involvement with industry by highlighting several associations who have created marketing plan competitions, case study competitions, mentoring programs, leadership programs, and similar activities. We will look at National Grocers Association, American Seed Trade Association, Produce Marketing Association, American Seed Trade Association, National Agri-Marketing Association and cooperative education through Ralph Morris Foundation. Endowments have been created by industry to fund these activities.

Organizer:
Michael Boland, University of Minnesota

Presenters:
Allan Gray, Purdue University
Aslihan Spaulding, Illinois State University
Jennifer James, California Polytechnic State University
Michael Boland, University of Minnesota
Robert Harrison, Louisiana State University

Session 1070: Reformed Again: Can the CGIAR Be Better?
INT/IAAE Track Session
2:45 pm – 4:15 pm
Marriott Wardman Park, Mezzanine Level, Johnson

The CGIAR system is undergoing reform for the 3rd time in 15 years and this session is designed to inform our international community of the plans and likely consequences of these reforms. The changes involve funding as well as organizational reforms, and the discussion will include those involved in the design of the reforms, those who implement the changes, and those who observe the change and consequences from external perspectives. Many members of AAEA admire and respect the CGIAR system and all of its accomplishments but are not well informed on the reform plans and possible impacts. The benefit to the profession is to better understand what is transpiring in the system and to have opportunity to participate in discussion of the possible consequences of these reforms. Each panelist will present their own perspective on the CGIAR reforms and the moderator will reserve half the time to engage the panelists and the audience in discussion of the identified issues.

Organizer and Moderator:
Alexander McCalla, University of California, Davis
Session 1071: Chinese Producer Decisions
China Section Track Session
2:45 pm – 4:15 pm
Marriott Wardman Park, Mezzanine Level, Taft

The four papers in this session collectively makes a timely contribution to the issues involving Chinese producers. Along with the de-centralization process in China's agriculture, individual farmers' decision making will weigh more in the overall production process. Four areas of production are covered separately in each paper: grain, hog, fish, and fruits.

Organizer:
Wuyang Hu, University of Kentucky

Moderator:
James Hansen,

Discussants:
Jie Lu, USDA-ERS
Xinkai Zhu, Renmin University of China

Presenters:
Ruijuan Zhang, China Agricultural University
Ping Qing, Huazhong Agricultural University
David Ortega, Michigan State University
Xuqi Chen, University of Florida

Session 1072: Shopping with SNAP: Economic and Behavioral Strategies to Encourage Healthier Food Purchases
FSN/IBES Track Session
2:45 pm – 4:15 pm
Marriott Wardman Park, Lobby Level, Nathan Hale

The Healthy Food Financing Initiative and changes in SNAP-ed requirements will likely lead to more opportunities for nutrition outreach directly in grocery stores in low income neighborhoods. This four presentations in the proposed session will explore what is known about the effectiveness of various economic and behavioral economic levers that could be used to encourage healthier food purchases. The first presentation will provide a
A statistical snapshot of a SNAP shopper. Using data from NHANES and the ERS food atlas, this study will set the stage by presenting basic statistics on SNAP respondents and respondents who live in food deserts, such as use of food labels, shopping frequency, diet quality, diet knowledge etc. The second presentation will explore the effect of simple nutrition cues. This presentation will present findings from a study of the effectiveness of the Hannaford Stars Program, with a focus on low-income shoppers. The third presentation will discuss the effect of monetary incentives. The presentation will discuss preliminary findings from The Healthy Incentive Pilot program (HIP) in Hampden County, MA. HIP provides households receiving Supplemental Nutrition Assistance Program (SNAP) benefits with 30 cents of additional benefits for every dollar spent on fruit and vegetables to encourage their purchase and consumption. The fourth presentation will explore the potential efficacy of other behavioral cues that could be used in a grocery store format based on lessons learned from the “Smarter Lunchrooms” work at the Cornell Center for Behavioral Economics in Child Nutrition Programs and other behavioral economic studies.

Organizers:
Lisa Mancino, USDA-ERS
Joanne Guthrie, USDA-ERS

Discussant:
Joanne Guthrie, USDA-ERS

Presenters:
Lisa Mancino, USDA-ERS
Ilya Rahkovsky, USDA-ERS
Parke Wilde, Tufts University
David Just, Cornell University

Session 1073: Funding Priorities and the Funding Climate
Beltway Track Session
2:45 pm – 4:15 pm
Marriott Wardman Park, Lobby Level, Salon 3

This session offers an opportunity for dialog with Dr. Sonny Ramaswamy, Director of USDA’s NIFA. Dr. Ramaswamy will open the discussion with a brief overview on funding priorities at NIFA. Then principal investigators of two highly impactful NIFA-funded projects will present brief overviews of their ongoing work. Susan Capalbo will describe “Regional Approaches to Climate Change for Pacific Northwest Agriculture,” an interdisciplinary project. Jayson Lusk will describe “The Neuroeconomics of Controversial Food Technologies,” a more disciplinary project. Dr. Ramaswamy then will comment briefly on how these projects fit into NIFA funding priorities and general characteristics of projects where agricultural and applied economists are most likely to play a leading role. The remainder of the session will be devoted to questions and discussion.
Moderator:
Robert King, University of Minnesota

Presenters:
Sonny Ramaswamy, USDA-National Institute of Food and Agriculture
Susan Capalbo, Oregon State University
Jayson Lusk, Oklahoma State University

Session 1074: Exploring Local Economic, Environmental and Health Effects of Hydraulic Fracturing
Invited Paper Session and Senior Section Track Session
2:45 pm – 4:15 pm
Marriott Wardman Park, Lobby Level, Delaware B

The three papers presented in this session discuss some of the first large-scale research estimates of specific environmental, health and economic impacts at the local community level where gas production is taking place.

Organizer:
Vernon Eidman, University of Minnesota

Moderator and Discussant:
Jeremy Weber, USDA-ERS

Presenters:
Sheila Olmstead, Resources for the Future
Elaine Hill, Cornell University
Timothy Kelsey, Pennsylvania State University

Session 1075: Grain Outlook
Extension Track Session
2:45 pm – 4:15 pm
Marriott Wardman Park, Lobby Level, Virginia C

This session will start out with a presentation highlighting the current and near-term situation and outlook of grain commodities. This will be followed by shorter presentations that highlight topics of direct relevance to U.S. grain markets, and a question and answer period.

Organizer:
Chad Hart, Iowa State University

Presenters:
Daniel O'Brien, Kansas State University
Session 1076: New and Emerging Issues in Agricultural Economics & Policy  
CAES Organized Symposium  
2:45 pm – 4:15 pm  
Marriott Wardman Park, Lobby Level, Delaware A  

Structured around Ted-style conference sessions, this Organized Symposium will bring together leading and emerging thinkers who explore questions related to the agricultural economics and policy. Speakers will focus on emerging research questions and methods in their respective fields. The dialogue is intended to stimulate new thinking and thinkers in the discipline. No discussants will be used; rather discussion will rely on the audience to participate through Q&A.

Moderator:  
Jean-Philippe Gervais, Farm Credit Canada  

Presenters:  
Alfons Weersink, University of Guelph  
Barrett Kirwan, University of Illinois  
Julian Alston, University of California, Davis  
Murray Fulton, University of Saskatchewan  

Session 1077: Measuring the Impacts of Weather on Crop Yields: Different Approaches for Different Purposes  
Organized Symposium  
4:30 pm – 6:00 pm  
Marriott Wardman Park, Mezzanine Level, Harding  

It is obvious that weather—precipitation and temperatures—effect crop yields, and recent droughts and floods in the U.S. Midwest have drawn new attention to this fact. This session will provide an opportunity to discuss new and different methods for sorting out weather from technology and price effects and for identifying marginal effects of precipitation and weather on area crop yields, largely corn yields.

Organizer:  
Wallace Huffman, Iowa State University  

Presenters:  
Wallace Huffman, Iowa State University  
Ruiqing Miao, University of Illinois  
Jonathan McFadden, Iowa State University
**Session 1078: International Agricultural Land Acquisitions: Stability, Investment, and Gender Issues**
Organized Symposium
4:30 pm – 6:00 pm
*Marriott Wardman Park, Mezzanine Level, Hoover*

International investment in agricultural land, its implications for food and energy security, stability, small-holder farmers, and international investor perspectives.

Organizer:
Evert Van Der Sluis, South Dakota State University

Panelists:
Michael Kugelman, Woodrow Wilson International Center for Scholars
Gary Blumenthal, World Perspectives, Inc.
Alexandra Spieldoch, Women Sustain

**Session 1079: Market and Non-market Responses**
Selected Presentation
4:30 pm – 6:00 pm
*Marriott Wardman Park, Mezzanine Level, Wilson A*

These four papers look at different market supply channels and the market and non-market response to various conditions.

Presentations:
Missing Markets and Consumer Cooperation
*Brent Hueth, University of Wisconsin*

*Does Proximity to Consumers Determine Organic Certification?*
*Ariana Torres, Maria Marshall, and Corinne Alexander, Purdue University*

The Economics of Quality in the Specialty Coffee Industry: Insights from the Cup of Excellence Auction Programs
*Adam Wilson, THRIVE Farmers; Norbert Wilson, Auburn University*

*Quality Features in Dairy Marketing: A Count Quantile Regression for Somatic Cell Measures*
*Timothy Park and Richard Volpe, USDA-ERS; Helen Jensen and David Hennessy, Iowa State University*

**Session 1080: Behavioral Insights into Food Choice and Food Safety**
Selected Presentation
4:30 pm – 6:00 pm  
*Marriott Wardman Park, Mezzanine Level, Wilson B*

This session focuses on behavioral tools for understanding where and what we choose to eat.

Presentations:
“I’ll Have What He’s Having”: Group Ordering Behavior in Food Choice Decisions  
*Brenna Ellison, University of Illinois at Urbana-Champaign; Jayson Lusk, Oklahoma State University*

Fast Food Consumption and nutritional information: Some Experimental Results  
*Maria Loureiro and Djamal Rahmani, University of Santiago de Compostela*

How Geography Affects Food Choice: The Case of Champaign-Urbana  
*Katherine Baylis, Rhiannon Jerch, University of Illinois at Urbana-Champaign; Sahan Dissanayake, The Colby College*

Voting or Buying: Inconsistency in Preferences Towards Food Safety in Restaurants  
*Roselyne Alphonce and Frode Alfnes, Norwegian University of Life Sciences; Amit Sharma, Pennsylvania State University*

**Session 1081: Food Demand Estimation and Policy Analysis in Developing Countries**  
Selected Presentation  
4:30 pm – 6:00 pm  
*Marriott Wardman Park, Mezzanine Level, Wilson C*

Estimation of food demand systems has been rather common in the United States and other developed countries; however, there is still a paucity of studies analyzing food demand in developing countries.

Presentations:
High Food Prices and Their Implications for Poverty in Uganda: From Demand System Estimation to Simulation  
*Ole Boysen, University of Hohenheim*

Food Demand, Food Prices and Welfare Analysis Utilizing EASI Model  
*David Magana-Lemus, Ariun Ishdorj, and Parr Rosson, III, Texas A&M University*

The Impact of Food Price Shocks on the Consumption and Nutritional Patterns of Mexican Households  
*Miriam Juarez-Torres, Banco de Mexico*

Estimating an Almost Ideal Demand System (AIDS) Model for Meats in Iran
**Session 1082: Methods to Evaluate Consumer Choices**

Selected Presentation  
4:30 pm – 6:00 pm  
*Marriott Wardman Park, Mezzanine Level, McKinley*

This session explores innovations that address some of the challenges to understanding consumer behavior, choices and valuation of ag and food products.

Presentations:
- Individualized or Non-individualized IDM: What Elicits Consumer Preferences Best?  
  *Nina Langen, Jeanette Klink, and Monika Hartmann, University of Bonn*

- The Puzzle of Valuation Gaps between Experimental Auction and Real Choice Experiments: Does Purchase Intention Matter?  
  *Jing Xie, Zhifeng Gao, and Lisa House, University of Florida*

  *Zhifeng Gao, Lisa House, and Jing Xie, University of Florida*

- Cross-price Effect on Willingness-to-Pay Estimates in Open-ended Contingent Evaluation  
  *Xuqi Chen and Zhifeng Gao, University of Florida*

**Session 1083: Crop Insurance: Participation and Moral Hazard**

Selected Presentation  
4:30 pm – 6:00 pm  
*Marriott Wardman Park, Mezzanine Level, Balcony B*

This session focuses on crop insurance. These four presentations look into the issue of participation in crop insurance, the choice of revenue insurance and moral hazard effects.

Presentations:
- Premium Estimation Inaccuracy and the Distribution of Crop Insurance Subsidies across Participating Producers  
  *Octavio Ramirez, University of Georgia*

- Moral-Hazard Effects of the Federal Crop Insurance Program in the West Coast  
  *Beau Olen and JunJie Wu, Oregon State University*

- Risky Business: Factors Affecting Participation Rate of AgriStability  
  *Kenneth Poon and Alfons Weersink, University of Guelph; Jiana Xiong*
The Effects of Area-based Revenue Protection on Producers’ Choices of Farm-level Revenue Insurance
Robert Dismukes, USDA-ERS; Keith Coble, Mississippi State University; Erik O'Donoghue, USDA-ERS; Corey Miller, Mississippi State University

Session 1084: The Role of School Lunches in Childhood Nutrition
Selected Presentation
4:30 pm – 6:00 pm
Marriott Wardman Park, Lobby Level, Park 8209

School lunches play a big role in children’s nutrition. This session provides insight into different issues that affect the healthiness of school lunches. The effect of pre-lunch snacks, taste and calorie content are discussed.

Presentations:
The Effect of National School Lunch Program on Childhood Obesity
Yongwon Cho, Washington State University; Seungchul Lee, Samsung Economic Research Institute

Hunger-driven Food Choices: An Experiment to Test the Effect of Providing Pre-lunch Snacks on School Lunch Choices
Joshua Berning, Elena Castellari, and Rui Huang, University of Connecticut

School Meals Experiment: Can a Taste Test Increase Vegetable Acceptance?
Constance Newman, Joanne Guthrie, and Lisa Mancino, USDA-ERS; Anastasia Snelling, The American University

The Role of Calorie Content, Healthiness, Price, and Palatability on School Lunch Purchases
Matthew Pham and Brian Roe, The Ohio State University

Session 1085: Food Supply Chains and Industrial Organization
Selected Presentation
4:30 pm – 6:00 pm
Marriott Wardman Park, Lobby Level, Park 8212

Papers in this session address the competitive and strategic interactions of firms involved in food development, distribution, and production.

Presentations:
Spatial Price Discrimination and Transportation Inefficiency: A Study of the Wisconsin Milk Hauling Industry
Brent Hueth and Christopher Taylor, University of Wisconsin
Brand Competition and the Demand for Health-differentiated Food Products with Private Labels
*Sven Anders and Xiongwei Ying, University of Alberta*

Production Arrangements and Strategic Brand-Level Competition in a Vertically Linked Market
*Waseem Ahmad and Sven Anders, University of Alberta*

Consumer Attitudes and the Market Success of Food Nanotechnology
*Van Tran, Konstantinos Giannakas, and Amalia Yiannaka, University of Nebraska*

**Session 1086: Agriculture and the Environment**

Selected Presentation
4:30 pm – 6:00 pm
*Marriott Wardman Park, Lobby Level, Park 8216*

These papers examine interactions between agriculture and the environment in the developing world. They address issues in conservation, energy, and urbanization.

Presentations:
Economic Value of Crop Residues in African Smallholder Agriculture
*Julia Berazneva, Cornell University*

Remittance and Conservation Technology Adoption
*Deborah Williams, Krishna Paudel, and Mahesh Pandit, Louisiana State University*

Characterizing Markets for Soil Fertility Management in Kenya
*Mercy Kamau, Egerton University; Melinda Smale, Michigan State University; Mercy Mutua, Tegemeo Institute of Egerton University*

**Session 1087: International Trade Measurement and Outcomes: Exploring Unresolved Challenges**

Selected Presentation
4:30 pm – 6:00 pm
*Marriott Wardman Park, Lobby Level, Park 8219*

While much progress has been made, factors which influence the flows in the international trade of goods and services remain only partially accounted for and understood. This series of papers examines several possible firm- and aggregate-level factors which may be useful in further resolving our understanding of these issues.

Presentations:
Public Preferences about Agricultural Protectionism in the US
*Wanki Moon and Gabriel Saldias, Southern Illinois University*
Absence of Trade: Inability to Export or Reluctance to Import? Evidence from French Agri-food Firms
Bo Xiong, University of California, Davis; John Beghin, Iowa State University

Non-Equivalent Ad Valorem Equivalents and Gravity
Bruno Larue, Universite Laval; Rachidi Kotchoni, University of Montreal; Sebastien Pouliot, Iowa State University

Export-Led-Growth under Structural Changes in Uganda A Cointegration and Causality Analysis (1960-2010)

Session 1088: Forest Economics
Selected Presentation
4:30 pm – 6:00 pm
Marriott Wardman Park, Lobby Level, Park 8226

Papers in this session all consider the economics of forests. Topics include logging, fuelwood extraction, and reforestation.

Presentations:
How Much Does the Forest Cost? Determining the Size of Subsidy Payments to Induce Reforestation in Coastal Ecuador
Trent Blare, Xavier Haro-Carrion, Kelly Grogan, and Pilar Useche, University of Florida

Making Ends Meet: A Spatio-dynamic Model of Household Fuelwood Extraction in Northern Uganda
Daniela Miteva and Randall Kramer, Duke University

Modeling a Dynamic Forest Sector in a General Equilibrium Framework
Xiaohui Tian and Brent Sohngen, The Ohio State University; Ronald Sands, USDA-ERS

Session 1089: Dynamic Aspects of Resource Management
Selected Presentation
4:30 pm – 6:00 pm
Marriott Wardman Park, Lobby Level, Park 8228

Understanding management of resources often requires a consideration of the dynamic impacts of decisions. This session investigates dynamic aspects under different contexts, including pesticide control, perennial crop production with deficit irrigation, decisions to produce whiskey of multiple ages by distilleries, and the optimal control of a disease affecting the Colombian oil palm industry.
Presentations:
When Ignorance Is Not Bliss: Pest Control Decisions Involving Beneficial Insects
*Kelly Grogan, University of Florida*

A Bio-economic Model of Perennial Production with Deficit Irrigation
*Bradley Franklin, Kurt Schwabe, and Keith Knapp, University of California, Riverside*

Why Do Distilleries Produce Multiple Ages of Whiskey?
*Ian Page, University of Maryland*

Pudricion del Cogollo Disease: The Effects and Value of a Resistant Oil Palm Variety
*Kelly Grogan and Mauricio Mosquera, University of Florida*

**Session 1090: Novel Methodological Approaches**
Selected Presentation
4:30 pm – 6:00 pm
*Marriott Wardman Park, Lobby Level, Maryland A*

This session discusses novel and relevant methodological strategies for commonly encountered data and modeling problems.

Presentations:
Implications of Survey Sampling Design for Missing Data Imputation
*Haluk Gedikoglu, Lincoln University of Missouri; Joseph Parcell, University of Missouri*

Listen To Your Data: Econometric Model Specification through Sonification
*Chris McIntosh, University of Idaho; Ron Mittelham, Washington State University*

Decision Frame Heterogeneity across Intensive and Extensive Margins and Attributes
Nonattendance: A Case Study in a Weight Loss Study
*Wen You, Yuan Yuan, and Kevin Boyle, Virginia Tech*

Economic Rise and Decline in Indonesia - As Seen from Space
*Susan Olivia, Monash University; John Gibson, University of Waikato*

**Session 1091: Water Quality and Agri-environmental Policy**
Selected Presentation
4:30 pm – 6:00 pm
*Marriott Wardman Park, Lobby Level, Maryland B*

This session examines policies to reduce water pollution from agricultural sources. Nutrient trading and best management practice adoption are discussed. Differential producer behavior under increased regulation of CAFOs under the Clean Water Act is examined empirically.
Presentations:
Rene Roy, Paul Thomassin, and Laurie Baker, McGill University

Flexible Practice-based Approaches for Controlling Multiple Agricultural Nonpoint-source Water Pollution
Adriana Valcu, Iowa State University; Sergey Rabotyagov, University of Washington; Catherine Kling, Iowa State University

The Implications of Environmental Policy on Nutrient Outputs in Agricultural Watersheds
Brent Sohngen, The Ohio State University; Kevin King, USDA-ARS; Sei Jin Kim and Abdoul Sam, The Ohio State University

Session 1092: Rural Growth
Selected Presentation
4:30 pm – 6:00 pm
Marriott Wardman Park, Lobby Level, Maryland C

Papers in this session investigate the relationship between food systems and rural development.

Presentations:
Local Food, Ethnic Entrepreneurs, and Social Networks
Lisa Hightower, Virginia Tech; Mark Brennan, Pennsylvania State University

Agricultural Revenues and the Local Nonfarm Economy
Jeremy Weber, USDA-ERS; Conor Wall, Oregon State; Jason Brown, Federal Reserve Bank of Kansas City; Thomas Hertz, USDA-ERS

Looking at Pro-Poor Growth from an Agricultural Perspective
Malte Reimers and Stephan Klasen, University of Göttingen

Labor Market Responses to a Decade of Natural Gas Development
Jeremy Weber, USDA-ERS

Session 1093: Agriculture and Nutrition Linkages
FSN/INT Track Session
4:30 pm – 6:00 pm
Marriott Wardman Park, Lobby Level, Virginia A
In recent years policy interest has grown around the topic of how to maximize agriculture's positive impacts on nutrition. This moderated session includes four papers focusing on different empirical and methodological aspects of the topic, including the use of remotely-sensed data. Findings include research from Sub-Saharan Africa and South Asia.

Organizer:
Gerald Shively, Purdue University

Moderator:
Will Masters, Tufts University

Presenters:
Patrick Webb, Tufts University
Kathryn Grace, University of Utah
Gerald Shively, Purdue University
Awudu Abdulai, University of Kiel

**Session 1094: Working with Larger Producers: Strategies of Agribusiness Input Suppliers**
AEM Track Session
4:30 pm – 6:00 pm
*Marriott Wardman Park, Lobby Level, Virginia C*

As agricultural producers continue to consolidate there appears to be a bi-modal distribution of farm revenues emerging. This session will focus on how input suppliers are working with large scale, commercial agricultural producers in a transitioning business-to-business relationship.

Organizer:
Michael Gunderson, Purdue University

Discussant:
Michael Boehlje, Purdue University

Presenters:
Michael Gunderson, Purdue University
Brian Briggeman, Kansas State University
Ashok Mishra, Louisiana State University
Michael Boland, University of Minnesota

**Session 1095: How to Effectively Grow Undergraduate Programs in Agricultural and Applied Economics**
SS-AAEA Track Session
As university budgets have tightened in recent years following the downturn in the economy, administrators have sharpened their emphasis on increasing student numbers. These increases are meant to demonstrate both continued relevance and to generate new revenues. Simultaneously, variations in the programs of study in the agricultural and life sciences available to undergraduates--including majors, concentrations, and emphases--have proliferated as departments in colleges of agriculture attempt to attract more students. Thus, successfully growing undergraduate student programs in agricultural and applied economics represents a formidable challenge in this current environment. However, the three presentations in this session will demonstrate that robust growth in student numbers in agricultural and applied economics is possible. The presentations will demonstrate that a successful recruiting strategy is not "one size fits all" by highlighting the accomplishments of a program at a land-grant university in the Southern region, a program at a land-grant university in the Western region, and the program of a regional university. The presenters will share their approaches and experiences and the remainder of the session will allow audience members to ask questions and engage in vigorous discussion.

Organizers:
James Miller, Mississippi State University
Sierra Howry, Angelo State University

Moderator:
James Miller, Mississippi State University

Presenters:
Glenn Ames, University of Georgia
Penelope Diebel, Oregon State University
Sierra Howry, Angelo State University

FAMPS Track Session
4:30 pm – 6:00 pm
Marriott Wardman Park, Mezzanine Level, Johnson

Consumers are willing to purchase organic foods and pay premiums even for those products with less than 100% organic ingredients. This session offers an insight into current issues regarding organic consumption and production. All papers present current empirical studies.

Organizers:
Carola Grebitus, Arizona State University
The emergence of the phenomenon known as “social media” is rapidly changing the way businesses communicate with customers. Social media is an efficient, cost-effective, “non-traditional” communication method that keeps businesses connected with customers. It allows businesses to promote their products and services and provide instant feedback. There are different categories of social media which include social networks (Facebook, LinkedIn, etc.), blogging, microblogging (Twitter), media sharing (Youtube, Instagram, etc.), forums and message boards, review and opinion sites, and bookmarking. Some of the benefits of utilizing social media as a marketing tool include lower marketing expenses, more business exposure, increasing traffic, and providing marketplace insight. Although social media is rapidly growing and widely used in businesses, there is a lack of data on its use in agricultural businesses. The symposium objective is to synthesize previous research and experiences and highlight the use and growth of social media as a marketing tool and strategy in the local food movement. Questions addressed include: who are the people utilizing this tool (smaller or larger farms, producers or agritourism businesses, etc); what are the benefits and challenges to farmers utilizing this medium; is social media aiding in the local food movement; and can the use of social media in agriculture compare to other sectors? This symposium will facilitate discussions between industry representatives and the academic community to provide insight into the role of social media networking in local food marketing.
Session 1098: Working on the Hill: Observations from Two Former Ag Committee Economists
Organized Symposium and Beltway Track Session
4:30 pm – 6:00 pm
Marriott Wardman Park, Lobby Level, Salon 3

This symposium provides an insider’s perspective on how the Congress works (or doesn’t work) in developing farm bills and other ag legislation. Stephanie Mercier worked for the Senate Ag Committee for more than 14 years for two Democratic Chairs/Ranking Members before retiring from the Hill in March, 2011. Craig Jagger worked for the House Ag Committee for more than 11 years for two Republican and one Democratic Chairmen/Ranking Members and for more than 5 years for the Congressional Budget Office before retiring from the Hill in October, 2012.

Organizer:
Craig Jagger, Legis Consulting, LLC

Moderator:
Joy Harwood, USDA-Farm Service Agency

Panelists:
Craig Jagger, Legis Consulting, LLC
Stephanie Mercier, Agricultural Policy Consultant

Session 1099: New Protectionism Trend in Latin America Under the Crisis: Opportunities or Risks to Agricultural Households
Invited Paper Session
4:30 pm – 6:00 pm
Marriott Wardman Park, Lobby Level, Delaware B

This session studies the impacts on agricultural households of the crisis and recent protectionism, under different market structures, for different crops, different net positions (net exporter, net importer), and taking into account the different socioeconomic aspects of relevance in a given Latin American country.

Organizer and Moderator:
Sara Wong, ESPOL

Discussant:
David Laborde, IFPRI
Session 1100: Economic Implications and Policy Responses to Climate Change
EXT/Senior Track Session
4:30 pm – 6:00 pm
Marriott Wardman Park, Lobby Level, Virginia C

The overall goals of the session are to: convey the current state of climate science, especially with respect to implications for agricultural production; examine the kinds of economic and policy problems generated by climate change and some ways to respond; and illustrate one or more areas of agricultural policy that may be forced to adjust as a result of climate change. The increasing frequency of catastrophic and unusual weather events challenges risk management strategies as well as public programs designed to deal with risk. A climate scientist from NOAA will summarize the state of scientific knowledge on climate variability and change and describe how that knowledge is used to create projections of future climate that can inform decisions. An agricultural economist experienced in projecting climate change impacts on agriculture will carry the discussion from climate projections to the projections being made of these impacts on crop yields and variability that increase risk for producers. A second agricultural economist will examine implications for agricultural risk management, with special attention to crop insurance, and address the challenges posed by climate change with regard to pricing of insurance, estimating yields, and the extent to which ill-designed crop insurance may create disincentives for adaptation to climate change.

Organizer and Moderator:
Otto Doering, Purdue University

Presenters:
Keith Dixon, NOAA
Bruce McCarl, Texas A&M University
Barry Barnett, Mississippi State University

Session 1101: New and Emerging Issues in Economics of Food
CAES Organized Symposium
4:30 pm – 6:00 pm
Marriott Wardman Park, Lobby Level, Delaware A

Structured around Ted-style conference sessions, this Organized Symposium will bring together leading and emerging thinkers who explore questions related to the economics of food. Speakers will focus on emerging research questions and methods in their respective fields. The dialogue is intended to stimulate new thinking and thinkers in the
discipline. No discussants will be used; rather discussion will rely on the audience to participate through Q&A.

Moderator:
Jill Hobbs, University of Saskatchewan

Presenters:
Sandra Hoffman, USDA-ERS
Jayson Lusk, Oklahoma State University
Sean Cash, Tufts University
Joshua Berning, University of Connecticut