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:
Keith Collins, NCIS

Panelists:
Joe Outlaw, Texas A&M University
Dwight Lanclos, USDA-Risk Management Agency
Thomas Zacharias, National Crop Insurance Services

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

Session 1028: Buy Local, Federal and State Level Policies and Incentive Programs
Organized Symposium
1:00 pm – 2:30 pm
Marriott Wardman Park, Mezzanine Level, Wilson A

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
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

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
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
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

Presenters:
Jean-Paul Chavas, University of Wisconsin
Robert Chambers, University of Maryland
Quinn Weninger, Iowa State University

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
1:00 pm – 2:30 pm
*Marriott Wardman Park, Lobby Level, Delaware B*

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
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 Farmers’ 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
Lisa House, University of Florida

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