Concurrent Sessions—Monday, 9:30 am–11:00 am

1001 Regression Discontinuity Designs in Applied Econometrics
Washington State Convention Center, Room 204

Frontier Session/Econometrics Section Track Session
Regression Discontinuity (RD) designs are at the forefront of the “credibility revolution” in applied econometrics. The RD approach estimates the causal effect of a treatment by leveraging an exogenous cut-off in a continuous variable that determines which groups receive a treatment and which groups do not. By comparing households immediately above and below the exogenous threshold, local treatment effects can be estimated. In the last decade, the number of studies using and extending RD methods has grown dramatically and RD has become a key part of the empirical tool kit of labor, health, development, and environmental economists. This session features Professor Thomas Lemieux who has been at the forefront of developing this methods and demonstrating their usefulness to applied economists. He will describe the historical evolution of RD studies and describe good empirical practice when applying them.

Organizer: Timothy KM Beatty, University of Minnesota
Moderator: Timothy KM Beatty, University of Minnesota
Presentation:
Regression Discontinuity Designs in Applied Econometrics
Thomas Lemieux, University of British Columbia

1002 Constraints on Rural Development
Washington State Convention Center, Room 211

Selected Paper Session
Presentations address how vacant building demolitions affect crime in the short and long term, how individual borrower characteristics influence response to mortgage assistance, whether increasing population density leads to agricultural intensification, and complementary models for analyzing drought impacts.

Organizer: Allan Gunter, Colorado State University
Moderator: Allan Gunter, Colorado State University
Presentations:
The Effect of Vacant Building Demolitions on Crime under Depopulation
Christina Plerhoples, Michigan State University
Staring Down Foreclosure: Modification Findings from Homeowners Seeking Assistance
Shannon A. McKay, Urvi Neelakantan, and Kimberly Zeuli, Federal Reserve Bank of Richmond
How Does Population Density Affect Agricultural Production? Evidence from Ethiopia
Anna Leigh Josephson, Jacob E. Ricker-Gilbert, and Raymond J.G.M. Florax, Purdue University
Integrating Different Approaches to Analyze a Drought Event’s Impact on Communities: Applying EDM and IO Models to Analysis of the Drought in Southeast Colorado
Allison Gunter, Chris Goemans, James G. Pritchett, and Dawn D. Thilmany McFadden, Colorado State University

1003 Consumer Decision Making and Willingness to Pay
Washington State Convention Center, Room 212

Selected Paper Session
A number of different techniques are used by the authors of these papers to evaluate consumers’ decisions and determine their willingness to pay. Decision variables are organic and local, domestic and imported, type of production processes used in raising the commodity.

Organizer: Brandon R. McFadden, Oklahoma State University
Moderator: Brandon R. McFadden, Oklahoma State University
Presentations:
Consumers’ Willingness to Pay for Organic and Local Blueberries: A Multi-store BDM Auction Controlling for Purchase Intentions
Lijia Shi, Lisa A. House, and Zhifeng Gao, University of Florida
Consumer Preference Variation between Domestic and Imported Food
Joseph L. Parcell, University of Missouri; Haluk Gedikoglu, Lincoln University of Missouri
Truthful, Misguiding Labels: The Implications of Labeling Production Processes Rather Than Their Outcomes
Marco Costanigro, Colorado State University
Effect of Advocacy Information on Consumer Preferences for Cage Free Eggs: A Neuroeconomic Analysis
Brandon R. McFadden and Jayson L. Lusk, Oklahoma State University; John M. Crespi, Kansas State University; J. Bradley C. Cherry, University of Missouri at Kansas City; Laura E. Martin, University of Kansas Medical Center; Amanda S. Bruce, University of Missouri at Kansas City
Concurrent Sessions—Monday, 9:30 am–11:00 am

1004  Hedging Strategies in Risky Markets
Washington State Convention Center, Room 213

Selected Paper Session
Futures markets provide an opportunity for market participants to hedge price risks. Improving risk hedging strategies is the theme underlying these presentations.

Moderator: Jieyuan Zhao, North Carolina State University

Presentations:
- Effectiveness of Weather Derivatives as Cross-hedging Instrument against Climate Change: The Cases of Reservoir Water Allocation Management in Guanajuato, Mexico
  Dmitry V. Vedenov, Leonardo F. Sanchez, Miriam Juarez-Torres, and Leonardo F. Sanchez, Texas A&M University
- Hedgers' Participation in Futures Markets under Varying Price Regimes
  Daniel J. Sanders and Timothy G. Baker, Purdue University
- Do RIN Mandates and Blender’s Tax Credit Affect Blenders’ Hedging Strategies?
  Zafarbek N. Ahmedov, Texas A&M University; Joshua D. Woodard, Purdue University
- Dynamic Cross-hedge Ratios: An Application of Copula Models
  Jieyuan Zhao and Barry K. Goodwin, North Carolina State University

1005  Regional Perspectives on the Importance of Transportation Issues and Concerns to the U.S. Fresh Fruit and Vegetable Industry
Washington State Convention Center, Room 214

Organized Symposium
There are a number of transportation issues that affect the transportation of fresh fruit and vegetables between different regions of the United States. One driving issue is federal and state regulatory policies and rules that affect the capacity of the transportation sector to adequately service the domestic and international markets for U.S. produced fresh fruit and vegetables. This symposium will provide discussion on the impact of those regulatory policies on fresh fruit and vegetable regional competitiveness issues.

Organizer: Jay E. Noel, California Polytechnic State University, San Luis Obispo

Moderator: Jay E. Noel, California Polytechnic State University, San Luis Obispo

Panelists: Mechel S. Paggi, California State University, Fresno; Kenneth L. Casavant, Washington State University; Sean P. Hurley, California Polytechnic State University, San Luis Obispo; Miguel I. Gomez, Cornell University

1006  Agricultural Land Use and Grassland Conversion in the Northern Plains: Implications from Alternative Data and Modeling Strategies
Washington State Convention Center, Room 303

Invited Paper Session
The papers in this session employ different data and methods to examine the direction of, and reasons for, land use flux, especially the conversion of grassland in the Northern Plains. The first paper uses spatially explicit satellite imagery data from NASS’s Cropland Data Layer data. The second paper applies mixed logit methods to model land use conversion choices. The third paper uses recent signup data from the Conservation Reserve Program and survey data from the Farm Service Agency.

Organizer: Hongli Feng, Iowa State University

Moderator: David W. Archer, USDA-Agricultural Research Service

Discussant: Randal Dell, Ducks Unlimited

Presentations:
- Modeling Grassland Conversion: The Need for, and Challenges of, Using Satellite Imagery Data in Empirical Land Use Models
  Benjamin S. Rashford and Shannon Albeke, University of Wyoming; David J. Lewis, University of Wisconsin
- Using Mixed Logit in Land Use Models: Can Expectation Maximization (EM) Algorithms Facilitate Estimation?
  Roger L. Claassen, Seung Gyu Kim, and Daniel M. Hellerstein, USDA-Economic Research Service
- The Effects of Government Payments on Native Grassland Conversion, the CRP, and Corn Acreage Changes in the Dakotas
  Hongli Feng, David A. Hennessy, and Ruiqing Miao, Iowa State University
Concurrent Sessions—Monday, 9:30 am–11:00 am

1007 Advances, Updates, and Practical Issues in U.S. Crop Insurance Premium Rating Methods
Washington State Convention Center, Room 304

AFM Section and ARA Section Track Session
Crop insurance programs have moved from the periphery to the core of U.S. federal risk support for crop producers. Not only has the program grown in participation, but coverage levels and revenue products have increased. Further, the rating system for the program has been the subject of significant research over the past decade. The upshot is that a considerable evolution in rating has occurred. This session will provide an update of current rating procedures and provide an overview of the research that led to the current system. Finally, Tom Worth, Chief Actuary of USDA-RMA, will provide an overview of the challenges and future directions for program rating.

Organizer: Keith H. Coble, Mississippi State University
Moderator: Roderick M. Rejesus, North Carolina State University

Presentations:
A Primer on the RMA Rating System and How We Got Here
Thomas O. Knight, Texas Tech University

At the Nexus of Economics and Actuarial Science: A Joint Project to Evaluate Crop Insurance Loss History
Keith H. Coble, Mississippi State University

It’s Not Just APH: Current Approaches to Rating Revenue Insurance and Area Designs
Barry K. Goodwin, North Carolina State University

Updates, Challenges, and Future Directions in RMA Premium Rating
Thomas W. Worth, USDA-Risk Management Agency

1008 Behavioral Responses and Water
Washington State Convention Center, Room 305

AERE Session
Moderator: Madhu Khanna, University of Illinois at Urbana-Champaign

Presentations:
Climate Change, Rainfall Variability, and Adaptation through Irrigation: Evidence from Indian Agriculture
Ram Fishman, Harvard University

Climate, Water Scarcity, and the Choice of Crop-specific Irrigation Technology and Water Application Rates
Beau Olen and Christian A. Langpap, Oregon State University

Paying for Pollution? How General Equilibrium Effects Undermine the “Spare the Air” Program
Steven E. Sexton, University of California, Berkeley

The Perceived Price for Residential Water Demand: Evidence from a Natural Experiment
Casey J. Wichman, University of North Carolina at Chapel Hill

1009 Returns to the Agricultural Sector: Where Have We Been and Where Are We Going
Washington State Convention Center, Room 307

Organized Symposium
Various trends in today’s society have sparked interest in investment in the agricultural sector. This increased interest has provided a signal for the need in understanding the historical performance of the various components of the agricultural sector and what it might reveal about future performance.

Organizer: Joshua D. Dette, Louisiana State University
Moderator: Michael A. Gunderson, University of Florida
Discussants: Jason R. Henderson, Federal Reserve Bank of Kansas City-Omaha Branch; Hector O. Zapata, Louisiana State University

1010 Food Marketing and Nutrition: An Industrial Organization Perspective
Washington State Convention Center, Room 308

FAMPS and FSN Section Track Session
The purpose of this session is to examine the role of non-price marketing strategies employed by firms in the food industry. While the primary intention of marketing is to facilitate exchange between buyers and sellers, this session will focus on the impact food marketing has on the subsequent nutritional quality of consumer food purchases. This session encourages important discussion of the impact of food marketing strategies on consumers’ diet. Given the current obesity crisis and proposals for regulating industry marketing practices, this is a particularly timely topic.

Organizer: Joshua P. Berning, University of Connecticut

Presentations:
Store Format and the Healthfulness of Food-at-Home
Richard J. Volpe, III, USDA-Economic Research Service

Welfare Effects of New Products’ Introduction: To Health or Not to Health?
Alessandro Bonanno, Penn State University

Star Wars and Cereal Wars: Implications of Food Marketing with Movie Tie-ins
Rui Huang, Joshua P. Berning, Hongjie Liu, and Adam N. Rabinowitz, University of Connecticut

Does Breakfast Cereal Advertising Target Young Children?
Joshua P. Berning, Rui Huang, and Adam N. Rabinowitz, University of Connecticut
Concurrent Sessions—Monday, 9:30 am–11:00 am

**1011  Social Media and Firm Response to Information in the Supply Chain**
Washington State Convention Center, Room 309

**AEM Section Track Session**
Information technology allows firms greater ability to network and communicate with stakeholders in their supply chain. This session analyzes industry-level and firm-level responses to information technology, with specific regards to how firms utilize information to manage risks within their supply chain. The papers in this session focus on different aspects of the supply chain including factors that influence firms use of social media, how producers are using social media to network with input suppliers, the ability of firms to effectively use social media as a marketing and/or promotional tool, and implications of firms’ responses to product recall information.

**Organizer:** Michelle L. Santiago, Sam Houston State University  
**Moderator:** Michelle L. Santiago, Sam Houston State University  

**Presentations:**
Factors Influencing Local Agribusiness’s Social Media Use
Michelle L. Santiago and Julie Cooper, Sam Houston State University

Firm Response to Food Recalls Information: Implications for Welfare Effects
William E. Nganje and Timothy J. Richards, Arizona State University; Victoria Salin, Texas A&M University

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**1012  Designing and Implementing Collaborative Metrics for Departments, Schools, and Colleges**
Washington State Convention Center, Room 310

**NAAEA Track Session**
Departments, Schools, and Colleges that comprise agricultural, food and natural resources within the Land Grant Universities and other public Universities are increasingly seeking better impact and productivity metrics to explain and justify the importance of research, extension, and academic capacity-building to long term sustainability and welfare. This track session is focused on designing and utilizing collaborative metrics to enhance our internal prioritizing and our education, research, and outreach efforts. The discussion will draw upon the expertise of current and former department Heads, Deans, and faculty who have engaged in and managed the teaching, research, and outreach missions of universities and research institutions.

**Organizer:** Susan M. Capalbo, Oregon State University  
**Moderator:** Susan M. Capalbo, Oregon State University  
**Discussants:** Kenneth A. Foster, Purdue University; Cathy A. Roheim, University of Idaho  
**Panelists:** Larry W. Van Tassell, University of Nebraska; Loren W. Tauer, Cornell University; Octavio A. Ramirez, University of Georgia; Daniel J. Bernardo, Washington State University; Richard J. Sexton, University of California, Davis

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**1013  Women in Academic Training and Professional Careers: Identifying and Analyzing Factors Impacting Success**
Washington State Convention Center, Room 602

**CWAE Track Session**
Women appear to be impacted by different barriers and reward structures than do their male counterparts at various points in their academic training and professional careers. This session contains a collection of three papers which analyze women at different points in their academic training and professional life. This session will stimulate discussion and contribute to a better understanding of the challenges and barriers, and opportunities that women face first as students, and then as faculty members and leaders in their professional careers. One paper identifies multiple points where women fail to continue their education despite being academically able to do so! Another paper addresses a problem often faced by academic couples: finding two jobs at the same institution. This paper finds that assistant professors hired under the accommodation policy at one institution are more likely than their peers to gain tenure. The third paper provides an overview of changes in the female leadership (styles, positions, and approaches) with respect to education, family environment, and societal expectations based on literature review and cases in our profession. This paper concludes despite no significant difference in leadership styles, that the barriers and rewards impact men and women differently.

**Organizer:** Vicki A. McCracken, Washington State University  
**Moderator:** Kelly M. Cobourn, Boise State University  

**Presentations:**
Academic Performance and Persistence of Undergraduate Students at a Land Grant Institution: Women and Their Male Counterparts
Vicki A. McCracken, Washington State University; Diem Nguyen, American Express; Fran Hermanson, Washington State University

Effects of University Partner Accommodation Policies on Productivity
Jared L. Woolstenhulme, Benjamin Cowan, Jill J. McCluskey, and Tori Byington, Washington State University

When Nonconformist Meets Conformist: Rewards and Challenges for Female Leaders
Chyi-Lyi (Kathleen) Liang, University of Vermont
Concurrent Sessions—Monday, 9:30 am–11:00 am

1014 Policy and Agribusiness  
Washington State Convention Center, Room 603

Selected Paper Session
Government programs and policies play a key role in agricultural markets. With the passage of acts like Sarbanes-Oxley and Food Safety Modernization, the expectation is government will play an increasing role. These papers examine how government policies ranging from immigration enforcement to sugar policy impact agribusiness firms.

Moderator: Aleksan Shanoyan, Kansas State University

Presentations:
Overcoming Selection Bias in Measuring the Effect of Entrepreneurial Assistance Programs  
Adam J. Lovgren, Michigan State University; Christopher Peterson, MSU Product Center; Robert Brent Ross, Michigan State University

The Impact of Immigration Enforcement on the Farming Sector  
Gentian Kostandini, University of Georgia; Elton Mykerezi, University of Minnesota; Cesar L. Escalante, University of Georgia

Long-Term Sustainability of Third Party Facilitated Market Linkages: Evidence from the USDA Marketing Assistance Program in the Armenian Dairy Industry  
Aleksan Shanoyan, Kansas State University; J. Roy Black, Michigan State University; Hamish R. Gow, Massey University; Christopher Peterson, MSU Product Center; Robert Brent Ross, Michigan State University

1015 Risk, Efficiency, and Financial Performance  
Washington State Convention Center, Room 604

Selected Paper Session
This session is a compilation of papers dealing with the application of various techniques in risk and efficiency analyses to such issues as the recent surge of bank failures among agricultural and non-agricultural lending institutions, the financial sustainability of microfinance operations in various regions in Asia and Europe, and the effect of the ethanol demand surge on livestock feed markets. Novel techniques such as traditional and ‘value at risk’ analytical methods as well as stochastic frontier approach to efficiency analysis are explored in a couple of papers in this session.

Moderator: Carl Johan Lagerkvist, Swedish University of Agricultural Sciences

Presentations:
Technical Efficiency and the Probability of Bank Failure among Agricultural and Non-agricultural Banks  
Xiaofei Li, Cesar L. Escalante, James E. Epperson and Lewell F. Gunter, Jr., University of Georgia

The Universality of Microfinance Operations Model in Eastern Europe and Central Asia: Financial Sustainability vs. Poverty Outreach  
Ganna Sheremenko, Cesar L. Escalante, and Wojciech J. Florkowski, University of Georgia

Time-Varying Price Interactions and Risk Management in Livestock Feed Markets—Determining the Ethanol Surge Effect  
Hernan A. Tejeda, North Carolina State University

Comparison of Traditional and Copula-based ‘Value at Risk’ Methods for Farm-financial Investment Portfolios  
Carl Johan Lagerkvist and Maitreyi Mandal, Swedish University of Agricultural Sciences
Concurrent Sessions—Monday, 9:30 am–11:00 am

1016   Examining Energy and Commodity Price Volatility
Washington State Convention Center, Room 606

Selected Paper Session
This session discusses volatility in energy, grain, and food prices.
Moderator: Berna Karali, University of Georgia

Presentations:
Do Energy Prices Stimulate Food Price Volatility? Examining Volatility Transmission between the U.S. Oil, Ethanol, and Corn Markets
Cornelis Gardebroek, Wageningen University; Manuel A. Hernandez, International Food Policy Research Institute

Interrelationship and Volatility Transmission between Grain and Oil Prices
Doo Bong Han, Korea University; Minji Kong, Korea Rural Economic Institute

Commodity Prices and Volatility in Response to Anticipated Climate Change
Anh N. Tran and Michael James Roberts, North Carolina State University; David Lobell, Stanford University; Wolfram Schlenker, Columbia University; Jarrod R. Welch, University of California, San Diego

When Do the USDA Forecasters Make Mistakes?
Berna Karali, University of Georgia; Olga U. Isengildina-Massa, Clemson University; Scott H. Irwin, University of Illinois at Urbana-Champaign

1017   Hedonic Pricing
Washington State Convention Center, Room 607

Selected Paper Session
Hedonic pricing can be used to estimate the value of a multitude of environmental attributes. This session considers hedonic methods used to value resource access as well as conservation.
Moderator: Katherine Y. Zipp, University of Wisconsin

Presentations:
Measuring the Economic Impact of Shale Oil Exploration on Housing Value in Pennsylvania
Allen Klaiber and Satbya Gopalakrishnan, The Ohio State University

Valuing Access to Multiple Water Supply Sources in Irrigated Agriculture with a Hedonic Pricing Model
Monobina Mukherjee and Kurt A. Schwabe, University of California, Riverside

The Value of Water Rights in Agricultural Properties in the Phoenix Active Management Area
James Yoo, Perrings Charles, Silvio Simonit, and Paul Maliszewski, Arizona State University

Using the Benefit Function to Value Non-market Goods: An Application to Open-space Conservation
Katherine Y. Zipp, University of Wisconsin

1018   How to Be a Reviewer
Washington State Convention Center, Room 608

GSS Track Session
Have you ever wondered if you could make it as a reviewer? What are the expectations of reviewers? How do you get involved? What are the criteria for judgment? This session helps answer these questions and more.
Organizer: Brandon R. McFadden, Oklahoma State University
Panelists: Peter D. Goldsmith, University of Illinois at Urbana-Champaign; Siva Sureshwaran, USDA-National Institute of Food and Agriculture; Greg Traxler, Bill & Melinda Gates Foundation

1019   Risk Management and Crop Insurance
Washington State Convention Center, Room 609

Selected Paper Session
The first paper examines producers risk management strategies, including crop insurance. The second paper examines the impact of crop yield distributions on crop insurance premiums. The third paper looks at expanding crop insurance to organic producers. The fourth paper proposes offering farmers the opportunity to self-insure through crop insurance savings accounts.
Moderator: Gregory J. Colson, University of Georgia

Presentations:
Modeling Correlated and Disaggregated Crop Revenue Distributions: Implications under Mixed Policy and Program Initiatives
Jim A. Jansen, Matthew C. Stockton, and Bradley D. Lubben, University of Nebraska

Estimation of Crop Yield Distribution and Insurance Premium Using Shrinkage Estimator: A Hierarchical Bayes and Small Area Estimation Approach
Sebastain Nde Awondo, Octavio A. Ramirez, Gauri S. Datta, and Esendugue Greg Fonsah, University of Georgia

Revenue Protection for Organic Producers: Too Much or Too Little
Ariel Singerman, National Rice Company; Chad E. Hart and Sergio H. Lence, Iowa State University

Crop Insurance Savings Accounts
Gregory J. Cobon, Shengfei Fu, and Octavio A. Ramirez, University of Georgia
Concurrent Sessions—Monday, 9:30 am–11:00 am

1020  Taxes and Nudges for Healthy Eating
Washington State Convention Center, Room 611

Selected Paper Session
The papers in this session look at the effects of a variety of taxes and nudges on consumer decision making. Outcomes of interest include diet quality and restaurant revenue.

Moderator: Abigail M. Okrent, USDA-Economic Research Service

Presentations:
- Effect of Menu Labeling on Caloric Intake and Restaurant Revenue in Full-service Restaurants
  Brenna Ellison and Jayson L. Lusk, Oklahoma State University
- The Effect of Soft Drinks Taxes on Consumption: Evidence from Scanner Data
  Francesca Colantuoni and Christian Rojas, University of Massachusetts Amherst
- The Effects of State and County Taxes on Healthfulness of Food Consumption
  Abigail M. Okrent and Richard J. Volpe, III, USDA-Economic Research Service

1021  Institutional Economics and Development
Washington State Convention Center, Room 612

Selected Paper Session
This group of papers will explore the role that institutions play in developing countries. Theories from John R. Commons and voting behavior shape this session. The effects of communities and community organizations on economic life and resource management are also discussed.

Moderator: Christian H.C.A. Henning, University of Kiel

Presentations:
- John R. Commons and the Evolution of Institutions: The Case of the Malian Cotton Sector
  Veronique Theriault, Michigan State University; James A. Sterns, University of Florida
- Determinants of Rural Service Provision and External Linkages in Village Organizations in the Democratic Republic of Congo
  Catherine R. Ragasa and Jenny Golan, International Food Policy Research Institute
- To Identify the Community Characteristics of Successful Common Resource Management: A Case of Shrimp Farming in Bangladesh
  Sadika Haque, Md. Nazmul Hoque, and Siegfried Bauer, Giessen University
- Constitutional Rules, Informal Institutions, and Agricultural Protection in Developing and Industrial Countries: Theory and Empirical Evidence
  Christian Aßmann, University of Bamberg; Eva Krampe and Christian H.C.A. Henning, University of Kiel

1022  Politics and Power
Washington State Convention Center, Room 613

Selected Paper Session
The role of democracy and political institutions are explored through analysis of politics and power in the allocation of agricultural supports, access to health and education services, and food security.

Moderator: Christine M. Moser, Western Michigan University

Presentations:
- Political Manipulation of Agricultural Support: Evidence from Andhra Pradesh
  Sharad A. Tandon, USDA-Economic Research Service
- Endogeniety between Education and Health and Caste Bias
  Abdoul G. Sam and Ganita Bhupat, The Ohio State University
- Election Outcomes and Food Security: Evidence from Consumption of Scheduled Castes and Tribes in India
  Sharad A. Tandon, USDA-Economic Research Service
- State Presence and Power in Remote Areas in Madagascar
  Marc F. Bellemare, Duke University; Christine M. Moser, Western Michigan University

1023  Spatial Applications to Agriculture and Economic Development
Washington State Convention Center, Room 614

Selected Paper Session
Spatial and other geographic data are increasingly integrated with economic data to better understand development processes. This session highlights novel spatial applications focused on marketing agricultural products and food, and understanding economic growth.

Moderator: Mesbah J. Motamed, USDA-Economic Research Service

Presentations:
- Using Satellite-based Remote Sensing Data to Assess Millet Price Regimes and Market Performance in Niger
  Timothy M. Essam, University of Maryland; Molly E. Brown, NASA; Kenneth L. Leonard, University of Maryland
- Differentiation in a Two-dimensional Market with Endogenous Sequential Entry
  Jeffrey D. Michler and Ben Gramig, Purdue University
- Geography and Economic Growth in Vietnam
  Thu Ngo and Paulo J. Santos, University of Sydney
- Borders and Barriers: Analyzing Agricultural Yield Spillovers at the Grid Cell Level
  Mesbah J. Motamed, USDA-Economic Research Service; Raymond J.G.M. Florax, Purdue University; William A. Masters, Tufts University
Concurrent Sessions—Monday, 9:30 am–11:00 am

1024  Non-tariff Barriers
Washington State Convention Center, Room 615

Selected Paper Session
As regional and multilateral trade negotiations lower tariff barriers, attention has turned toward non-revenue mechanisms for restricting trade. The researchers in this session are investigating aspects of safeguards and other limits on trade.

Moderator: Derek Farnsworth, University of California, Davis

Presentations:
  Bo Xiong and Sixia Chen, Iowa State University
- Voluntary Standards and International Trade: A Heterogeneous Firms Approach
  William Henry McGuire and Ian M. Sheldon, The Ohio State University
- Maximum Residue Limits: Protectionism or Food Safety?
  Derek Farnsworth, University of California, Davis

1025  Climate Change
Washington State Convention Center, Room 616

Selected Paper Session
This group of papers explores the effects of climate change on agriculture, forests, and air quality.

Moderator: Denis A. Nadolnyak, Auburn University

Presentations:
- Feedlots, Air Quality, and Dust Control-benefit Estimation under Climate Change
  Chin-Hsien Yu, Texas A&M University; Seong C. Park, Texas AgriLife Research and Extension Center at Vernon; Bruce A. McCarl and Stephen H. Amosson, Texas A&M University
- Modeling Forestry in Dynamic General Equilibrium: A Climate Change Policy Analysis
  Adam J. Daigneault and James A. Lennox, Landcare Research; James Turner, AgResearch New Zealand
- Predicting the Effects of Climate Change on Crop Yields Using Geographically Weighted Panel Regression
  Ruohong Cai, Princeton University; Danlin Yu, Montclair State University; Michael Oppenheimer, Princeton University
- The Impacts of Climate Change on Agricultural Production in the Southeast United States
  Jaehyuk Lee, Denis A. Nadolnyak, and Valentina M. Hartarska, Auburn University

1026  The Economics of Biofuels Production
Washington State Convention Center, Room 617

Selected Paper Session
This session includes economic analyses of biofuels production, including the performance of ethanol plants and implications of biofuels for land use and the environment.

Moderator: Juan Pablo Sesmero, Purdue University

Presentations:
- Economic Considerations of Soil Nutrient Mining and Remobilization Associated with Switchgrass Feedstock Production
  Jon T. Biermacher, Mohua Haque, and Maru Kering, The Samuel Roberts Noble Foundation; John A. Guretzky, University of Nebraska
- Environmental Impacts of Cellulosic Feedstock Production: A Case Study of a Cornbelt Aquifer
  Jin-Young Moon, University of Minnesota; Solomon Folle, Stone Environmental, Inc; Jeffrey Apland and David Mullà, University of Minnesota
- Analysis of Ethanol Plants’ Shutdown Price
  Juan Pablo Sesmero, Purdue University; Richard K. Perrin and Lilyan E. Fulginiti, University of Nebraska

1027  Impacts of Free Trade Agreements
Washington State Convention Center, Room 618

International Section and Senior Section Track Session
This session examines the impacts of free trade agreements (FTA) on major topics included in U.S. FTAs: agriculture, the environment and labor. These are included in U.S. agreements with and, while they are contentious, labor and the environment are required under the 2002 Trade Promotion Act. They became very important issues during the NAFTA negotiations and have had significant impacts in Mexico, the ten FTAs approved following NAFTA and are important in the three (Colombia, Panama and South Korea) approved by Congress in 2011. Agricultural trade, both imports and exports, have increased in volume and value and are important to the U.S trade position, producing a surplus in contrast to the deficits in most other sectors.

Organizer: Dale Colyer, West Virginia University

Moderator: P. Lynn Kennedy, Louisiana State University

Presentations:
- Impacts of FTAs on Agricultural Trade
  William A. Amponsah, Georgia Southern University
- Environmental Provisions in U.S. FTAs
  Dale Colyer, West Virginia University
- Role of Labor in U.S. FTAs
  Luis A. Ribera and Marco A. Palma, Texas A&M University
Concurrent Sessions—Monday, 9:30 am–11:00 am

1028 Climate and Development
Washington State Convention Center, Room 619

Selected Paper Session
Topics in this session include climate change mitigation and development.

Moderator: Katherine R. Baylis, University of Illinois at Urbana-Champaign

Presentations:
- Technology Adoption and Climate-Related Policy Evaluation among East African Smallholders: A Bioeconomic Model of the Trade-offs between Trees and Subsistence
  Isabel Call, Stephen A. Vosti, and Steve Boucher, University of California, Davis; Eike Luedeling, World Agroforestry Centre
- Climate Change Mitigation Policies and Global Poverty
  Zekarias M. Hussein, Alla Golub, and Thomas W. Hertel, Purdue University
- Conserving Forests: Mandates, Management, or Money?
  Katherine R. Baylis and Jordi Honey-Roses, University of Illinois at Urbana-Champaign; Isabel Ramirez, UNAM, Morelia

1029 Crop Insurance and Farm Programs
Washington State Convention Center, Room 620

Extension Section Track Session
The objective of this symposium is to discuss the relative roles and performance of crop insurance and farm programs in the farm safety net and their potential roles in the agricultural support programs of the future. Three key topics will be addressed in this symposium: 1) a discussion of the expected interaction of crop insurance and farm programs that likely will emerge from the 2012 Farm Bill; 2) the impact on the private delivery system of program changes and budget cuts, and 3) an assessment of the respective roles of the public and private sectors in the delivery of agricultural support programs over the long run.

Organizer: Laurence M. Crane, National Crop Insurance Services

Moderator: Keith J. Collins, National Crop Insurance Services

Panelists: Joe L. Outlaw, Texas A&M University; Dwight K. Lanclos, USDA-Risk Management Agency; Thomas P. Zacharias, National Crop Insurance Services
Concurrent Sessions—Monday, 1:00 pm–2:30 pm

1030 Effective Extension Program Responses to the Changing Composition of Agricultural Producers
Washington State Convention Center, Room 204
Organized Symposium
Growers are actively seeking assistance to help them navigate through today's challenging economic environment. Increasing ethnic diversity of farm operators as well as the growth of female operators adds additional complexity to risk management education efforts geared toward Southern agricultural producers. Risk management education and outreach efforts must be intentional in engaging these diverse audiences. Discussion during the session will focus on key issues facing diverse producer groups and successful approaches for effective outreach.
Organizers: Ronald L. Rainey, University of Arkansas
Panelists: Shannon J. Neibergs, Washington State University; Kevin Klair, University of Minnesota; Damona Doye, Oklahoma State University; Ronald L. Rainey and Harold L. Goodwin, Jr., University of Arkansas

1031 Innovations in the Classroom: New Methods for Changing Times
Washington State Convention Center, Room 211
Selected Paper Session
This session features four papers exploring new teaching techniques in and out of the classroom. These papers will discuss innovative approaches to curricula designed to reengage student's interest and willingness to learn.
Moderator: Molly Espey, Clemson University
Presentations:
Students' Preferences and Willingness to Pay for College Course Attributes
John T. Mann, II and Shida Rastegari Henneberry, Oklahoma State University
The Inverted Agricultural Economics Classroom
Justin G. Gardner, Middle Tennessee State University
Using Social Media to Enhance Learning through Collaboration in Higher Education: A Case Study
Marianne McGarry Wolf, Mitchell J. Wolf, and Tom Frawley, California Polytechnic State University, San Luis Obispo; Ann Torres, National University of Ireland Galway; Shane M. Wolf, ValuePulse
Team-based Learning, Team Composition, and Team Success: What Really Matters?
Molly Espey, Clemson University

1032 Organizing and Teaching Courses for Beginners
Washington State Convention Center, Room 212
GSS Track Session
This session will feature presentations, discussions, and question-and-answer sessions to help new teachers plan, organize, and implement courses from the ground up. The session will cover where to start when planning courses, designing quizzes and tests, preparing lectures, managing time between teaching and research, tricks of the trade, and general guidelines to follow in order to create a positive teaching and learning experience.
Organizer: Beth L. Nielsen, University of Georgia
Panelists: Michelle L. Santiago, Sam Houston State University; Wesley Burnett, West Virginia University; Gregory J. Colson, University of Georgia; Kathleen R. Brooks, West Texas A&M University

1033 The Economics of Dietary Quality
Washington State Convention Center, Room 213
Selected Paper Session
Four papers examining the economics of diet quality are presented. The papers explore the roles of public programs and public policy in determining the quality of diets, and they examine decision making about dietary quality and changes in the distribution of dietary quality over time.
Moderator: Trenton G. Smith, University of Otago
Presentations:
SNAP and Diet Quality: An Instrumental Variables Approach
Christian A. Gregory, Michele L. Ver Ploeg, Margaret S. Andrews, and Alisha Coleman-Jensen, USDA-Economic Research Service
Alcohol Consumption and Food-at-Home Dietary Quality
Richard J. Volpe, III and Michael K. Adjemian, USDA-Economic Research Service
Distributional Changes in U.S. Diet Quality 1989–2008: Implications for Public Policy and Economic Initiatives
Timothy KM Beatty, University of Minnesota; Biing-Hwan Lin, USDA-Economic Research Service; Travis A. Smith, University of Minnesota
‘Hidden Quality’ in the History of American Food: Consumer Search vs. Industry Obfuscation?
Trenton G. Smith, University of Otago; Attila Tasnadi, Corvinus University of Budapest
Concurrent Sessions—Monday, 1:00 pm–2:30 pm

1034 The Emerging Role of KRU in Global Food Security: Prospects and Problems
Washington State Convention Center, Room 214

International Section Track Session
The food and financial crises of 2008 and 2009 led to social problems and unrest in scores of countries, and have added millions of people to the number of hungry and undernourished in the world while reversing progress towards the Millennium Development Goals hunger target. One source of promise in the coming years is the underutilized potential of the grain growing areas of Kazakhstan, Russia and Ukraine (KRU), which have increased their exports substantially in recent years. This hopeful sign is offset by the policy reactions of this region, which have sometimes restricted exports just when global markets need them most. Thus there is both promise and concern about the future role of this region as a reliable supplier in the face growing world demand for food. This session is designed to bring a comprehensive perspective to these related issues by having a panel of experts on Europe and Central Asia, global food security and the outlook for food and commodity markets. Each presentation will explore more generally the past policy reactions to prices surges and the impacts on food security in other countries and how such policies may evolve in the future.

Organizer: William H. Meyers, University of Missouri
Moderator: Andrew Schmitz, University of Florida
Discussant: Sergey Strokov, Russian Embassy

Presentations:
Agricultural Recovery in Kazakhstan’s Grain Region
Martin Petrick, Leibniz Institute of Agricultural Development in Central and Eastern Europe

Russia and the World Agriculture Economy: Big Exporter, Bigger Importer
Andrew Wark, Canadian Grain Board; Andrew Schmitz, University of Florida

The U in KRU: Ukraine’s Prospects for Grain Trade Expansion
William H. Meyers, University of Missouri

1035 Immigration Issues and Options for Agriculture and Agribusiness
Washington State Convention Center, Room 303

Invited Paper Session/Senior Section Track Session
This session will address the uniqueness of agricultural labor, policy options being considered, and problems in modeling.

Organizer: Ronald D. Knutson, Texas A&M University
Moderator: Ronald D. Knutson, Texas A&M University
Discussant: Mary Clare Ahearn, USDA-Economic Research Service

Presentations:
Uniqueness of Agricultural Labor Markets
Dennis U. Fisher and Ronald D. Knutson, Texas A&M University

Immigration Reform Policy Options
Phillip Martin, University of California, Davis; Ronald D. Knutson, Texas A&M University

Problems of Modeling U.S. Farm Labor Markets
Thomas Hertz and Steven S. Zahniser, USDA-Economic Research Service

1036 Structural Changes in the Agri-food System and the Future of Cooperatives
Washington State Convention Center, Room 304

AEM Section Track Session
The global agri-food system has seen tremendous changes in the last decade, including technological and institutional changes, globalization, consolidation, vertical coordination and the emergence of new organizational forms. In addition, commodity markets have become increasingly volatile leading to higher levels of uncertainty. At the same time, population growth and rising incomes primarily in developing countries and changing food habits in the developed world suggest a wide array of opportunities for growth. Agri-food system participants that successfully adapt to these changes are able to survive and benefit from these emerging opportunities. This session will discuss structural changes occurring at the farm level and in upstream and downstream stages of the agri-food value chain. Presenters will also analyze the effects and implications of these changes to farmer-owned cooperatives and how they are adapting to a more global and uncertain environment.

Organizer: Fabio R. Chaddad, University of Missouri
Moderator: Fabio R. Chaddad, University of Missouri

Presentations:
Structural Changes in Agribusiness: Challenges and Opportunities for Cooperatives
Michael Boehlje, Purdue University

The Future of U.S. Agricultural Cooperatives: An Update
Michael L. Cook, University of Missouri

Structural Changes in U.S. Agriculture and Their Implications for Cooperatives
Michael E. Sykuta, University of Missouri
1037  Rethinking Decoupling of Agri-food Policies in an Age of Food Price Volatility?
Washington State Convention Center, Room 305

**IAAE Organized Symposium**
Policy-makers are under pressure globally to protect producers and consumers from volatile food prices. This is fueling discussions in various countries to move away from decoupled farm support to support which is conditional on market prices. At the same time accession to the WTO is inducing countries to move to more decoupled support for farmers. This session discusses trends and challenges for the future.

**Organizer:** Johan F. M. Swinnen, University of Leuven  
**Moderator:** Walter J. Armbruster, Farm Foundation (retired)  
**Panelists:** Joseph W. Glauber, USDA-Office of the Chief Economist; Alfons Weersink, University of Guelph; Kym Anderson, University of Adelaide/Australian National University/CEPR  
**Discussant:** Keijiro Otsuka, National Graduate Institute for Policy Studies

**Presentations:**
- Political Economy and the Impact of the WTO on Decoupling: Cross-country Evidence  
  *Johan F. M. Swinnen, University of Leuven*  
- China’s WTO Accession and Decoupling of Agricultural Support  
  *Scott D. Rozelle, Stanford University*

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1038  Wine Marketing and Policy
Washington State Convention Center, Room 307

**Extension Section and FAMPS Track Session**
This session includes four presentations with a focus on wine marketing and policy, with implications for the wine industry. The first paper considers how consumers respond to information about appellations for wine from emerging production regions. The authors use auction data that uses three treatments to disentangle the effects of information related to domestic appellations and to more established appellations in Europe. The second paper examines how customer satisfaction in wineries’ tasting rooms in the Finger Lakes region in New York impacts sales. The third paper estimates willingness to pay for wines with reduced SO2 content and investigates whether sulfite reduction represents a viable differentiation strategy in wine markets. The fourth paper explores the operation of U.S. drawbacks of import duties and excise taxes for wine by examining wine imports and exports and the patterns of import and export prices.

**Organizer:** Bradley J. Rickard, Cornell University  
**Moderator:** Catherine A. Durham, Oregon State University

**Presentations:**
- Reputation Spill-overs in Consumers' Valuation of Wine  
  *Bradley J. Rickard, Cornell University; Jill J. McCluskey, Washington State University; Richard Patterson, Cornell University*  
- Customer Satisfaction and Tasting Room Sales  
  *Miguel I. Gomez and Marin Shapiro, Cornell University*  
- Estimating Willingness to Pay for Reduced Sulfite Content in Wine  
  *Marco Costanigro, Christopher Appleby, and Dawn D. Thilmany McFadden, Colorado State University*  
- Import Duty and Tax Drawbacks in U.S. Wine Trade  
  *Daniel A. Sumner, University of California, Davis*

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1039  Job Interviewing Tips
Washington State Convention Center, Room 308

**GSS Track Session**
This session includes presentations, discussions, and question-and-answer sessions from employers who were at the 2011 AAEA Employment Center or have been involved in the hiring process in the last year. It will feature tips about qualities interviewers liked and disliked and insight into what employers are looking for in a successful candidate.

**Organizer:** Brian R. Williams, Oklahoma State University  
**Panelists:** Rodney L. Clouser, University of Florida; William A. Masters, Tufts University; Larry W. Van Tassell, University of Nebraska
Concurrent Sessions—Monday, 1:00 pm–2:30 pm

1040  Foreign Direct Investment and Agricultural Trade in Africa
Washington State Convention Center, Room 309

**COSBAE Track Session**

The recent global financial crisis has buffeted many Sub-Saharan Africa (SSA) countries through declining terms of trade, reduced demand for exports, falling foreign direct investment (FDI), remittances from workers abroad and aid flows, reduced access to global financial markets, and access to trade credits. To restore their economic potentials and bring their economies on high growth paths, SSA countries have been undertaking structural reforms to enhance competition in the financial sector, streamlining labor market regulations, and enhancing economic diversifications through ongoing processes of regional integration. The recent upsurge in commodity prices provides additional opportunities for the leading producers to expand trade. The session will explore the implications arising from market expansion in attracting FDI and enhancing trade to SSA.

**Organizers:** William A. Amponsah, Georgia Southern University; Andrew Muhammad, USDA-Economic Research Service

**Moderator:** Carlisle A. Pemberton, University of the West Indies

**Discussant:** Hazel Patterson-Andrews, University of the West Indies

**Presentations:**
- Will Trade Integration Make Sub-Saharan Africa an Attractive Destination for Foreign Direct Investment?  
  William A. Amponsah, Georgia Southern University; Pablo Garcia-Fuentes, Southeastern Louisiana University
- Competition between Seasonal and Non-seasonal Exporters: A Focus on South African Apple Exports to the EU  
  Andrew Muhammad, USDA-Economic Research Service; Guylain K. Ngeleza, International Food Policy Research Institute; James Káwwu, USDA-Economic Research Service
- African Regionalization and U.S. Meat and Poultry Exports  
  Christopher G. Davis, USDA-Economic Research Service

1041  Managing Assigned Risk in Food: Mitigation and Indemnification
Washington State Convention Center, Room 310

**ARA Section and FSN Section Track Session**

Food safety is something we all desire and yet there are numerous challenges and issues that need to be addressed today and as the systems we depend on continue to evolve. Implementing strategies and assigning responsibilities within the systems that produce and deliver the basic foods we require to sustain life (and a large portion of several economies) necessitate we address the risks and mitigation protocols for various agents. This session will start with a 5-minute overview of The Food Safety Modernization Act from discussant Sandy Hoffmann, followed by a sequence of four papers on how producers, food companies, consumers and others will be directly impacted by new programs and standards regarding foods. Presentations from those researching food safety protocols will provide additional insights and frame questions for continued research through examination of producer indemnification for food safety events and the role of private standards; the management of zero-tolerance rules when detection can be impractical or impossible; and the costs of adopting food safety programs at the farm-level.

**Organizer:** Samuel M. Funk, Doane Advisory Services

**Moderator:** Sandra Hoffmann, USDA-Economic Research Service

**Discussant:** Sandra Hoffmann, USDA-Economic Research Service

**Presentations:**
- Attributing Foodborne Illness to Foods Using Time Series Data on Food Consumption and Foodborne Illness  
  Peter Berck, University of California, Berkeley; Dana Cole, Centers for Disease Control and Prevention; Sandra Hoffmann and Jessica E. Todd, USDA-Economic Research Service
- Producer Indemnification for Food Safety Events and the Role of Private Standards  
  Peyton M. Ferrier, USDA-Economic Research Service
- Zero-tolerance Rules and the Challenge of Detection: Lessons from Gluten-free Products  
  Norbert L.W. Wilson and Michelle R. Worosz, Auburn University
- Costs of Adopting Food Safety Programs for Lettuce Growers—Large and Small  
  Linda Sue Calvin, USDA-Economic Research Service; Helen H. Jensen, Iowa State University; Karen Klonsky, University of California, Davis
Concurrent Sessions—Monday, 1:00 pm–2:30 pm

1042  Common Pool Resources and Ecology
Washington State Convention Center, Room 602

**AERE Session**

**Moderator:** James E. Wilen, University of California, Davis

**Presentations:**
- Marine Reserves as a Cooperation Mechanism in Transboundary Fisheries
  Rebecca Toelzand and Christopher Costello, University of California, Santa Barbara
- Resource Rents, Inframarginal Rents, and the Transition to Property Rights in a Common Pool Resource
  Corbett Grainger, University of Wisconsin; Christopher Costello, University of California, Santa Barbara
- A Spatial Dynamic Bioeconomic Analysis of an Emerald Ash Borer Invasion of an Urban Forest
  Kent Kovacs, University of Minnesota; Robert Haigh, U.S. Forest Service; Rodrigo Mercader, Washburn University
- An Assessment of Ecosystem Services Associated with Wetlands in USFWS National Wildlife Refuges
  Douglas A. Patton, John C. Bergstrom, Alan Covich, and Rebecca L. Moore, University of Georgia

1043  Leadership, Management, and Employer Expectations in Agribusinesses
Washington State Convention Center, Room 603

**Selected Paper Session**

The papers in this session examine leadership, employee recruitment, management transitions, and the impact of management on margins, all key factors in determining the success of agribusinesses.

**Moderator:** Maury E. Bredahl, University of Guelph

**Presentations:**
- Corporate Social Responsibility, Environmental Leadership, and Financial Performance
  Dafna M. DiSegni and Sagi Akron, University of Haifa; Moshe Huly, Tel Aviv University
- Choosing a Successor: Factors and Influences on Farm and Agribusinesses
  Renee Foltz and Maria I. Marshall, Purdue University
- Employers Expectations and the Attributes of College Graduates
  Jay E. Noel and Eivis Qenani, California Polytechnic State University; San Luis Obispo
- Influence of Management on Ontario Beef Operation Margins
  Leonie A. Marks, Leonie Marks-Jenkins Consulting; Maury E. Bredahl, University of Guelph

1044  Decision Making: Production, Investment, and Finance
Washington State Convention Center, Room 604

**Selected Paper Session**

This session focuses on decision making in agriculture, covering production, investment, and finance decisions. Three papers investigate what factors influence crop production choices, farm machinery investment decisions, and farm borrowing decisions. Another paper studies choices and returns of agribusiness and farm related investment portfolios.

**Moderator:** Charles B. Moss, University of Florida

**Presentations:**
- Determining Farmers’ Willingness to Grow Cellulosic Biofuel Feedstocks on Agricultural Land
  Melissa Lynes, Jason S. Bergtold, Jeffery R. Williams, and Jason E. Fewell, Kansas State University
- Incentives for Machinery Investment
  Joleen C. Hadrich, Ryan Larsen, and Frayne E. Olson, North Dakota State University
- Momentum Anomaly in Agriculture Financial Economics
  Bruno Arthur and Ani L. Katchova, University of Kentucky
- Capital Structure in Modern American Agriculture: Evidence from a National Survey
  Charles B. Moss, University of Florida; Ashok K. Mishra and Hiroki Uematsu, Louisiana State University

1045  International and Development Issues
Washington State Convention Center, Room 606

**Selected Paper Session**

This session discusses issues in international markets: trade in South Korea, structural change in Chinese food preferences, livestock marketing in Zambia, and electricity in India.

**Moderator:** Rubaba Ali, University of Maryland

**Presentations:**
- Implications of the U.S.-South Korean Free Trade Agreement on South Korean Dairy Product Import
  Keithly G. Jones and Donald P. Blayney, USDA-Economic Research Service
- Structural Change in Chinese Food Preferences
  Vardges Hocharmisyan and Brian W. Gould, University of Wisconsin
- Factors Influencing Livestock Marketing Dynamics in Zambia
  Mary Lubungu, Indaba Agricultural Policy Research Institute
- Demand for Electricity and Its Impact on Welfare: Evidence from Rural India
  Rubaba Ali, University of Maryland; Shahidur R. Khandker and Hussain Samad, World Bank
### 1046  Stated Preferences

**Washington State Convention Center, Room 607**

**Selected Paper Session**

This session focuses on current trends in choice experiments. Topics include the role of information and on-site experience in contingent valuation, an application to conservation easements, and a study of the impact of an oil spill on recreational fishing. **Moderator:** Sergio Alvarez, University of Florida

**Presentations:**

- Is the Valuation of Water Quality Sensitive to External Shocks? Evidence from Public Protests in Croatia  
  Ioannis Kountouris, Imperial College London; Zoran Nakić, University of Zagreb; Johannes Sauer, University of Kiel

- A Nationwide Comparison of Farmland Conservation and Easement Valuation  
  Yuan Yuan, Kevin J. Boyle, Wen You, and Harry F. Fuller, Virginia Tech

- Does On-site Experience Affect Responses to Stated-preference Questions?  
  Xiaoshu Li and Kevin J. Boyle, Virginia Tech

- Estimating the Effects of the Deepwater Horizon Spill on Recreational Fishing Demand in Florida Using MRFSS Intercepts: A Random-utility Model of Site Choice  
  Sergio Alvarez and Sherry L. Larkin, University of Florida; John C. Whitehead, Appalachian State University; Timothy C. Haab, The Ohio State University

### 1047  Consumer Preferences for Food Attributes

**Washington State Convention Center, Room 608**

**Selected Paper Session**

This session contains four papers on consumer preferences for different food attributes. Issues addressed are organic versus locally grown, animal welfare, traceability, and health benefits. **Moderator:** Shannon M. Allen, University of Alberta

**Presentations:**

- Are Consumers Willing to Pay for Organic When the Food is Already Local?  
  Cristina Connolly and Allen Klaiber, The Ohio State University

- Consumers’ Preferences for Shell Eggs Regarding Laying Hen Welfare  
  Yan Heng, Hikaru Hanawa Peterson, and Xianghong Li, Kansas State University

- Stated Preference and Perception Analysis for Traceable Beef: An Application of Mixed Error-component Logit Model  
  Kar Ho Lim, Wuyang Hu, and Leigh J. Maynard, University of Kentucky; Ellen W. Goddard, University of Alberta

- Consumer Preferences for Milk and Yogurt Attributes: How Health Beliefs and Attitudes Affect Choices  
  Shannon M. Allen, Ellen W. Goddard, and Anna Farmer, University of Alberta

### 1048  Farm Policy Debate: Direct Support vs. Deep-loss Protection vs. Shallow-loss Protection

**Washington State Convention Center, Room 609**

**Selected Paper Session**

The 2012 Farm Bill debate is concerned with how best to provide support and risk management tools for producers, with a focus on shallow-loss programs such as ACRE vs. deep-loss programs such as crop insurance. The fourth paper examines the impact of direct payments on producers’ labor allocation decisions. **Moderator:** Hyunjeong Joo, Louisiana State University

**Presentations:**

- Fiscal and Farm Level Consequences of “Shallow Loss” Commodity Support  
  Joseph C. Cooper, Christopher G. Davis, and Benoit A. Delbecq, USDA-Economic Research Service

- Yield Aggregation Impacts on a “Deep Loss” Systemic Risk Protection Program  
  Yang Wang, Barry J. Barnett, Keith H. Coble, and Ardian Harri, Mississippi State University

- Negotiation Cost to ACRE Participation: Does a Larger Number of Signatories on a Base Acre Contract Decrease the Likelihood of Participation in ACRE?  
  Anne B. Effland and Christine M. Arriola, USDA-Economic Research Service

- Welfare Implications of a Reduction in Government Payments: The Role of Fringe Benefits  
  Jeremy M. D’Antoni, Ashok K. Mishra, Hyunjeong Joo, and Rebekah Powell, Louisiana State University

### 1049  At the Intersection of Environmental and Agricultural Policy

**Washington State Convention Center, Room 611**

**Selected Paper Session**

This session features a selection of papers that look at the environmental impact of agriculture. The papers discuss carbon pricing and land use under the conservation reserve program. **Moderator:** Lance Weaver, Oklahoma State University

**Presentations:**

- Welfare Changes Associated with Forest Carbon Offset Credits in the United States  
  Jerome R. Dumortier, Indiana University-Purdue University Indianapolis

- Carbon Market Policy Design: Investigating the Role of Payments Aggregation  
  Cloe Garnache and Pierre R. Merel, University of California, Davis

- Should We Pay Farmers Not to Farm? A Case of the Conservation Reserve Program  
  Lance Weaver, Jody L. Campiche, and Michael R. Dicks, Oklahoma State University
Concurrent Sessions—Monday, 1:00 pm–2:30 pm

1050  Issues in Household Decision Making, Health, and Illegal Farm Workers  
Washington State Convention Center, Room 612

Selected Paper Session
This session analyzes issues in household’s decision-making on food expenditures, farm production, and health care. The value of legal status to farm workers in the U.S. is also analyzed.

Moderator: Steven T. Yen, University of Tennessee

Presentations:
Delivery at Home vs. Delivery at a Health Care Facility—A Case Study of Bihar, India  
Sapna Kaul, Wen You, and Kevin J. Boyle, Virginia Tech
Spousal Accord and Farm Decision-making in Tanzania and Mali  
C. Leigh Anderson, University of Washington; Travis W. Reynolds, Colby College; Mary Kay Gugerty, University of Washington
Food Expenditures Away from Home by Elderly Households  
Steven T. Yen, Panagiotis Kasteridis, and John Riley, University of Tennessee

1051  Risk, Insurance, and Savings  
Washington State Convention Center, Room 613

Selected Paper Session
Mitigating risk is a major challenge for developing country farmers. This session explores index insurance, demand for insurance, and savings as strategies for coping with vulnerability.

Moderator: Sarah A. Janzen, University of California, Davis

Presentations:
On the Efficient Management of Natural Disaster Risk Using Credit and Index Insurance  
Benjamin Collier and Jerry R. Skees, University of Kentucky; Mario J. Miranda, The Ohio State University
Do Experimental Games Increase Take-up Rates for Index Insurance? A Randomized Control Trial Approach  
Michael Norton, Daniel E. Ogood, and Rabel Diro, Columbia University
Effects of Formal Savings in Villages on Production Choices of Non-savers: Does Improving Safety Nets Spur Non-farm Business?  
Jeffrey A. Flory, University of Chicago
Valuing Asset Insurance in the Presence of Poverty Traps: A Dynamic Approach  
Sarah A. Janzen and Michael R. Carter, University of California, Davis; Munenobu Ikegami, International Livestock Research Institute

1052  Labor and Migration  
Washington State Convention Center, Room 614

Selected Paper Session
In a globalized world labor markets and migration play a significant role in determining welfare outcomes. This session focuses on the value of labor, migration, and interactions between migrants and non-migrant households.

Moderator: Ian Coxhead, University of Wisconsin

Presentations:
Labor Migration Choice and Its Impacts on Households in Rural China  
Zhao Rong, Southwestern University of Finance and Economics; Liu Yang, Annandale Capital, Inc.; Yan Yuan, Southwestern University of Finance and Economics
The Interaction between Migrants and Origin Households: Evidence from Linked Data  
Joyce Chen, The Ohio State University
Globalization, Wages and Skill Premia in a Transition Economy: New Evidence from Vietnam  
Diep N. Phan, Beloit College; Ian Coxhead, University of Wisconsin

1053  Management of Agricultural Diseases  
Washington State Convention Center, Room 615

Selected Paper Session
This group of papers uses economic analysis to determine optimal disease management strategies and market equilibria.

Moderator: Sergio Colin-Castillo, Centro de Estudios Socio Economicos

Presentations:
A Dynamic Model of Pudrición del Cogollo Disease Control in the Colombian Palm Oil Industry  
Mauricio Mosquera, Kelly A. Grogan, Edward A. Evans, and Thomas H. Spreen, University of Florida
An Agent-based Model of Plant Disease Diffusion and Control: Grapevine Leafroll Disease  
Shadi S. Atallah, Miguel I. Gomez, and Jon M. Conrad, Cornell University
Infectious Disease Detection with Private Information  
Alexander E. Saak, International Food Policy Research Institute
Do Marketing Margins Change with Food Scars? Examining the Effects of Food Recalls and Disease Outbreaks in the U.S. Red Meat Industry  
Sergio Colin-Castillo, Centro de Estudios Socio Economicos; Manuel A. Hernandez, International Food Policy Research Institute; Oral Capps, Jr., Texas A&M University
Concurrent Sessions—Monday, 1:00 pm–2:30 pm

1054  **Fisheries**  
*Washington State Convention Center, Room 616*

**Selected Paper Session**
This group of papers models optimal fisheries management strategies.

**Moderator:** Marcelo O. Torres, University of Brasilia

**Presentations:**
- Modeling Policy Options for the Galapagos Fisheries: The Case of the Red Spiny Lobster
  Santiago J. Bucaram, James N. Sanchirico, and James E. Wilen, University of California, Davis
- Optimal Management of Oysters in Chesapeake Bay Incorporating Sanctuaries, Reserves, Aquaculture, and Externalities
  Nikolaos Mykoniatis and Richard C. Ready, Penn State University
- Productivity Growth and Product Choice in Fisheries: The Case of the Alaskan Pollock Fishery Revisited
  Marcelo O. Torres, University of Brasilia; Ronald G. Felthoven, NOAA Fisheries

1055  **Economic Analysis of Yields, Acreage, and Risk**  
*Washington State Convention Center, Room 617*

**Selected Paper Session**
This session brings together papers that apply appropriate econometric methods to evaluate crop yields, crop acreage, and farmer risk structure.

**Moderator:** Barry K. Goodwin, North Carolina State University

**Presentations:**
- Modeling Corn Acreage Response in a New Market Environment
  Joseph C. Cooper, USDA-Economic Research Service; Barry K. Goodwin and Nicholas E. Piggott, North Carolina State University
- More Than Mean Effects: Modeling the Effect of Climate on the Higher Order Moments of Crop Yields
  Jesse B. Tack, Ardian Harri, and Keith H. Coble, Mississippi State University
- Are Yields Endogenous to Price? An Empirical Evaluation of Inter- and Intra-Seasonal Corn Yield Response
  Barry K. Goodwin, Michele C. Marra, and Nicholas E. Piggott, North Carolina State University

1056  **Heterogeneity and Aggregation in Dynamic Econometric Models**  
*Washington State Convention Center, Room 618*

**Selected Paper Session**
How does heterogeneity over space and time affect econometric estimates and forecasts? Should an econometrician use the least aggregated data possible? The papers in this session answer these questions in the context of crop rotation, land development, and commodity prices.

**Moderator:** Seung Gyu Kim, USDA-Economic Research Service

**Presentations:**
- Comparing the Bias of Dynamic Panel Estimators in Multilevel Panels: Individual vs. Grouped Data
  Nathan P. Hendricks, Kansas State University; Aaron D. Smith, University of California, Davis
- Conclusive Evidence on the Benefits of Temporal Disaggregation to Improve the Precision of Time Series Model Forecasts
  Octavio A. Ramirez, University of Georgia
- Permanent and Transitory Shocks in Spot Commodity Price Series
  Yoonsuk Lee and B. Wade Brorsen, Oklahoma State University
- Exploring Spatially Heterogeneous Effect of Property Tax Scheme on Land Development
  Seung Gyu Kim, USDA-Economic Research Service; Seong-Hoon Cho, University of Tennessee; Roger L. Claassen, USDA-Economic Research Service

1057  **Carbon Emissions Markets and Climate**  
*Washington State Convention Center, Room 619*

**Selected Paper Session**
This session features papers that discuss topics in emissions markets and climate change.

**Moderator:** David F. Perkis, Purdue University

**Presentations:**
- Fat-tail Climate Risks, Mechanism Design, and Reputation
  Prasenjit Banerjee, University of Manchester; Jason F. Shogren, University of Wyoming
- The Adverse Impact of Gradual Temperature Change on Capital Investment
  Ronald Balcers, West Virginia University; Ding Du and Xiaobing Zhao, Northern Arizona University
- An Experimental Investigation of Hard and Soft Price Ceilings in Emissions Permit Markets
  David F. Perkis, Timothy N. Cason, and Wallace E. Tyner, Purdue University
Concurrent Sessions—Monday, 1:00 pm–2:30 pm

1058  Contract Design and Technology Adoption under Uncertainty
Washington State Convention Center, Room 620

Selected Paper Session
Market uncertainty influences optimal contract designs and the decisions to adopt new technology. These papers investigate the manner in which risk affects participants in the livestock and energy markets.

Moderator: Nicholas D. Paulson, University of Illinois at Urbana-Champaign

Presentations:
Designing Coordination Contracts to Support Efficient Flow-scheduling in Pork Chain
Jarkko K. Niemi, Agrifood Research Finland

Adoption of Energy-saving Technologies under Market and Regulatory Risk
Zhengfei Guan, University of Florida; Feng Wu, Michigan State University

Livestock Gross Margin Insurance for Dairy: Designing Margin Insurance Contracts to Account for Tail Dependence Risk
Marin Bozic, University of Wisconsin; John C. Newton and Cameron S. Thraen, The Ohio State University; Brian W. Gould, University of Wisconsin

Optimal Contracts to Induce Biomass Production under Risk
Xi Yang, Nicholas D. Paulson, and Madhu Khanna, University of Illinois at Urbana-Champaign
Concurrent Sessions—Monday, 4:30 pm–6:00 pm

1059  Land Use and Fire Management  
Washington State Convention Center, Room 204

AERE Session
Moderator: Kathleen P. Bell, University of Maine
Presentations:
Prescribed Fire in a Florida Landscape with Mixed Ownership: Spatial Interactions  
Richelle M. Geiger and Gwenlyn Busby, Virginia Tech; D. Evan Mercer, Southern Research Station
The Economics of Fuel Management: Wildfire, Invasive Species, and the Evolution of Sagebrush Rangeland in the Western United States  
Kimberly S. Rollins, Michael H. Taylor, and Mimako Kobayashi, University of Nevada, Reno; Robin J. Tauch, U.S. Forest Service
Land Use, Climate Change, and Ecosystem Services  
Witsanu Attavanich, Rutgers University; Benjamin S. Rashford, University of Wyoming; Richard M. Adams, Oregon State University; Bruce A. McCarl, Texas A&M University
Forest-based Mitigation in European Climate Policy Framework: Insights from a CGE Improved with Land Use Modeling  
Melania Michetti, Università Cattolica del Sacro Cuore

1060  Outlook for Ethanol and Biodiesel under the Energy Independence and Security Act of 2007  
(EISA)  
Washington State Convention Center, Room 211

Extension Section and Senior Section Track Session
This Track Session addresses the issues and challenges for grain-based ethanol, cellulosic ethanol, and biodiesel to meet the mandates to the year 2022 under the Energy Independence and Security Act of 2007. Issues include the ethanol blend wall transition from 10 percent to 15 percent, the role of E-85 and prospects for ethanol trade. On cellulosic conversion, costs of enzymes, development of infrastructure and possibilities for reaching the 16 billion gallon RFS2 will be examined. The extent to which biodiesel will fill the advanced biofuel mandate other than cellulosic will be postulated along with the prospects for DDGS corn oil as a feedstock.
Organizer: John N. Ferris, Michigan State University
Moderator: Vernon R. Eidman, University of Minnesota
Discussant: Vernon R. Eidman, University of Minnesota
Presentations:
Grain-based Ethanol  
Robert N. Wisner, Iowa State University
Cellulosic Ethanol  
Wallace E. Tyner, Purdue University
Biodiesel  
John N. Ferris, Michigan State University

1061  The European Economic and Financial Crisis and Its Impact on Agriculture in the United States, the European Union, and the Nations of the Former Soviet Union  
Washington State Convention Center, Room 212

Organized Symposium
Historical and global events leading up to the European crisis, and implications for U.S., EU, and Eastern European agriculture, as well as for global agricultural trade, will be discussed.
Organizer: Evert Van Der Sluis, South Dakota State University
Moderator: Terry L. Roe, University of Minnesota
Panelists: William H. Meyers, University of Missouri; Evert Van Der Sluis, South Dakota State University; Mathew D. Shane, USDA-Economic Research Service; Martin Petrick, Leibniz Institute of Agricultural Development in Central and Eastern Europe

1062  Nonparametric Methods for Simulation and Imputation  
Washington State Convention Center, Room 213

Selected Paper Session
Misspecified models can produce spurious econometric results. The papers in this session use nonparametric methods to avoid misspecification when modeling yield distributions, estimating willingness to pay, and imputing missing data.
Moderator: Barry K. Goodwin, North Carolina State University
Presentations:
Nonparametric Estimation of Crop Yield Distributions: A Panel Data Approach  
Ximing Wu, Texas A&M University
Implications of Missing Data Imputation for Agricultural Household Surveys: An Application to Technology Adoption  
Haluk Gedikoglu, Lincoln University of Missouri; Joseph L. Parcell, University of Missouri
An Information-theoretic Approach to Modeling Binary Choices: Estimating Willingness to Pay for Recreation Site Attributes  
Miguel Henry-Osorio and Ron C. Mittelhammer, Washington State University
A Simplified, General Approach to Simulating from Multivariate Copula Functions  
Barry K. Goodwin, North Carolina State University
Concurrent Sessions—Monday, 4:30 pm–6:00 pm

1063 Using Surveys to Establish a Successful Research Agenda
Washington State Convention Center, Room 214

AEM Section and GSS Track Session
The establishment of a successful research agenda is paramount to any individual wishing to succeed in academia. Given the variety of techniques and concepts, survey methodology as a form of primary data collection often intimidates researchers. This session will discuss how individuals can use surveys as a tool to help establish a successful research agenda. Topics discussed will include basic survey concepts, use of design and incentives to influence responses and response rates, and effectiveness of survey modes. Researchers will also discuss their effective use of surveys with groups at different stages in the supply chain, as well as tips and pitfalls of the survey process.

Organizers: Michelle L. Santiago, Sam Houston State University; Aslihan D. Spaulding, Illinois State University
Panelists: Michelle L. Santiago, Sam Houston State University; Aslihan D. Spaulding, Illinois State University; Danna Moore, Washington State University; Wuyang Hu, University of Kentucky

1064 Attitudes, Perceptions, and Values: Determinants of Decision Making
Washington State Convention Center, Room 303

Invited Paper Session
Examining linkages between psychology and economic decision making in the context of producers and consumers provides an important comparison that could contribute to effective policies. In this session we aim 1) to highlight the role of values, perceptions and attitudes in producer and consumer decision making and 2) to compare the determinants of decisions in different contexts to illustrate the links between specific decisions and specific values or attitudes.

Moderator: Ellen W. Goddard, University of Alberta
Discussant: Wendy J. Umberger, University of Adelaide

Presentations:
Risk Aversion, Subjective Beliefs, and Farmer Risk Management Strategies
Luisa Menapace, University of Trento; Gregory J. Colson, University of Georgia; Roberta Raffaelli, University of Trento
Risk Perceptions and Preferences for Ethical and Safety Credence Attributes
Jill E. Hobbs, University of Saskatchewan; Ellen W. Goddard, University of Alberta
Personal Values and Decision Making: Evidence from Environmental Footprint Labeling
Carola Grebitus, University of Bonn; Bodo E. Steiner and Michele Veeman, University of Alberta

1065 Transforming Climate Information for Production Decision-making: The U2U Project
Washington State Convention Center, Room 304

ARA Section and Extension Section Track Session
Weather and climatic conditions are major sources of uncertainty in agricultural production. Climate science, computer modeling and agricultural technologies hold promise for better managing the uncertainty associated with weather. This symposium highlights some of the work being done to transform weather and climate information into more usable products for farmers through three presentations followed by a discussion with the audience. USDA-NIFA has recently funded the integrated research and extension project Useful to Usable (U2U): Transforming Climate Variability and Change Information for Cereal Crop Producers. This project is examining the interaction of weather and climate variables in agricultural production decisions across a twelve state region encompassing the Corn Belt. The objective of this session is to discover oversights in the current program and to garner insight into how weather and climate information can be transformed to create decision support tools through the outreach component of the project.

Organizer: Raymond E. Massey, University of Missouri
Moderator: Otto C. Doering, III, Purdue University

Presentations:
Decision Calendar to Connect Intra- and Inter-seasonal Agricultural Weather/Climate Information
Raymond E. Massey, University of Missouri
Adaptive Strategies for Maximizing Productivity and Profitability While Reducing the Impact of Climate-related Risks
Chad E. Hart, Iowa State University
Field Workdays Decision Support Tools
Ben Gramig, Purdue University
COSBAE Track Session

The aim of this session is to acquaint participants with the changing dynamics of agriculture in the Caribbean region as efforts are made to reposition the sector to address problems such as high food import bill, massive unemployment in the sector and loss of foreign exchange resulting from the loss of preferential access and increasing uncertainty in the EU markets. Among other things, the discussion will center on critically assessing some of the strategies currently being employed or contemplated to address the aforementioned problems including examining the potential tradeoffs resulting from attempts to satisfy local food demands versus reorganizing production to exploit new opportunities arising in the United States for imported food commodities.

Organizers: Lurleen M. Walters, Florida A&M University; Edward A. Evans, University of Florida
Moderator: Keithly G. Jones, USDA-Economic Research Service
Discussant: Curtis M. Jolly, Auburn University

Presentations:
Factors Influencing Caribbean Food Insecurity
Lurleen M. Walters, Florida A&M University

Is the Value Chain Approach the Panacea for Revitalizing Caribbean Agriculture?
Edward A. Evans, University of Florida

Radical Directions for Agribusiness Extension in the Caribbean
Carlisle A. Pemberton, Hazel Patterson-Andrews, Afya De Sormeaux, and Sarojini Ragbir, University of the West Indies

FSN Section Track Session

Nutritional conditions are changing rapidly around the world, driven by socioeconomic development and policy interventions. Agricultural economists have made notable contributions to understanding and shaping these changes. The four presentations in this session will address the experience and strategy of the Gates Foundation; the evolving role of nutrition in chronic disease; the influence of gender roles in agriculture on food production choices; and the role of information in the market for infant foods. These findings showcase AAEA members’ work in international nutrition, and point to new opportunities for research and intervention.

Organizer: William A. Masters, Tufts University

Presentations:
Gates Foundation in International Nutrition: Priorities and Linkages with Agriculture
Shelly Sundberg, Bill & Melinda Gates Foundation

Gender, Land Rights, and the Adoption of Biofortified Orange Sweet Potato in Uganda
Agnes R. Quisumbing and Daniel O. Gilligan, International Food Policy Research Institute

Food and Health: The Role of Nutrition in the Rise of Chronic, Non-communicable Disease
Rachel Nugent, University of Washington

The Market for Nutrients: Quality Certification and Child Feeding in Africa
William A. Masters, Tufts University
Concurrent Sessions—Monday, 4:30 pm–6:00 pm

1068  Food and Nutrition Studies on Obesity
Washington State Convention Center, Room 308

Selected Paper Session
In this session, two papers focus on obesity and nutrition education. One presentation addresses the relationship between food prices and energy, and another study estimates the cost of obesity. This session will also provide insight into nutrition education programs, while another presentation will investigate retailer actions with regard to various foods options.

Moderator: Richard J. Volpe, III, USDA-Economic Research Service

Presentations:
How Spurious is the Relationship between Food Price and Energy Density? A Simple Procedure and Statistical Test
George C. Davis, Virginia Tech; Andrea C. Carlson, USDA-Economic Research Service

The Marginal External Cost of Obesity in the United States
Joanna Parks and Julian M. Alston, University of California, Davis; Abigail M. Okrent, USDA-Economic Research Service

Evaluation of the Youth Expanded Food and Nutrition Education Program: What Contributes to Its Effectiveness?
Ranju Baral, George C. Davis, and Wen You, Virginia Tech

Local, Organic, Inexpensive, and Safe: Can Large Retailers Do It All?
Sebastien Pouliot, Iowa State University; Henry An, University of Alberta; Richard J. Volpe, III, USDA-Economic Research Service

1069  Agriculture and Disaster Risk Reduction beyond Crop Insurance and Hedging: Can Agricultural Economics Help the Agriculture Sector Proactively Increase Its Resilience?
Washington State Convention Center, Room 309

International Section Track Session
Natural hazards can have significant impacts on the long term development of regions and countries. Application of economics to assess the relative benefits of adaptation responses to these potential hazards have progressed but still require more research. Given the significance of the problem for food security and development this area of research and application is highly relevant to policy and decision makers. The purpose of this session is to explore how agricultural economics can be used to pro-actively estimate the potential impact of natural hazards and the relative value of alternative adaptation options for the agricultural sector ex-ante to support adaptation and disaster risk reduction.

Organizer: Harvey S. J. Hill, Agriculture Canada, AESB

Presentations:
Climate and Agricultural Resilience: Insurance and Adaptation in Developing Countries
Daniel E. Osgood, Columbia University

Agricultural System Resilience as a Private or Public Good: Policy Implications
John M. Antle, Oregon State University

Risk Management of Specialty Crops with Geographic Diversification
Ryan Larsen, North Dakota State University

Resilience Investing for Disaster Risk Reduction in Developing Countries’ Agriculture Sectors
Harvey S. J. Hill, Agriculture Canada, AESB; Paul Christensen, University of Saskatchewan
**1070  Incorporating Technology in Teaching Applied Economics and Business**  
Washington State Convention Center, Room 310

**TLC Section Track Session**

Various technology resources—clickers, simulation software, and online resources (websites, blogs, audio-visual aids)—are available to teach economic principles and business concepts. The speakers will explore the prescribed practices from economics and business teachers, and offer useful tips that can help teachers newer to using technology. This session extends the AAEA ‘Pre-conference Workshop: 2010 Teaching Academy—The Use of Simulations to Stimulate Student Learning and Engagement,’ as well as contributes to TLC’s recent efforts developing an online repository of materials for classroom teaching purposes.

**Organizers:** Subbu Kumarappan, The Ohio State University; Michael A. Gunderson, University of Florida

**Discussant:** Michael A. Gunderson, University of Florida

**Presentations:**
- Strategies to Enhance Pedagogy in Clicker Classrooms  
  Subbu Kumarappan, The Ohio State University
- Use of Technology for a Grain Trading Lab Exercise  
  Kevin Kimle, Iowa State University
- Graphical Simulation Models Created Using STELLA Software  
  Sahan T. M. Dissanayake, Portland State University

**1071  Learning Session: Bayesian Model Averaging**  
Washington State Convention Center, Room 602

**Econometrics Section Track Session**

Econometrics is one of the cornerstone’s of our discipline. The large majority of the published work in our journals are applied in nature and make use of quantitative methods, particularly econometrics. This session is focused on learning how to use and apply a specific econometric technique, in this case Bayesian Model Averaging. We propose to have attendees bring their laptops and using R (given it is free) will learn how to perform Bayesian Model Averaging. This will not be a theory session. While this session is mainly targeted at non-econometrics section members, we suspect that many of the members in the econometrics section will also participate.

**Organizer:** Alan P. Ker, University of Guelph

**Presentation:**
- Hands on Bayesian Model Averaging  
  Jeffrey H. Dorfman, University of Georgia

**1072  Agribusiness Risk Issues**  
Washington State Convention Center, Room 603

**Selected Paper Session**

There are many approaches that can be used by agribusiness firms to manage risk. This session examines how factors such as contract farming, disaster assistance, yield variability, and momentum profit.

**Moderator:** Fang Tang, University of Texas

**Presentations:**
- Managing Expected Switchgrass Biomass Yield Variability by Strategically Selecting Acres to Lease  
  Deepayan Deb Nath, Arthur Stoecker, and Francis M. Epplin, Oklahoma State University
- Disaster Assistance and Crop Insurance Participation in United States  
  Pavan Kumar Reddy Dhanireddy, Washington State University
- Effect of Contract Farming on the Farmers’ Average Return: The Case of the Grain Industry in the United States  
  Wu-Yueh Hu, Providence University, Taiwan
- Market Volatility and Momentum Profit  
  Fang Tang, University of Texas; Jianhong Mu, Texas A&M University

**1073  Agri-environmental Schemes—Theory Lessons, Practical Experiences, and Implications for Future Policies**  
Washington State Convention Center, Room 604

**EAAE Organized Symposium**

Agri-environmental schemes (AES), sometimes also denoted as payments for environmental services (PES), have been in operation for quite some time. How well have these schemes been designed from a theory perspective, and what are the practical experiences? These are the issues behind the following questions: How should AESs be formulated to reach stated policy objectives and meet the criteria of being targeted, transparent, tractable? What is needed in terms of knowledge/science to support the practical design of efficient and equitable AESs? If this knowledge is not available, what would be meaningful second-best policies and what are their pitfalls? What are the impacts of such schemes on commodity production and farm profits?

**Organizer:** Eirik Romstad, Norwegian University of Life Sciences

**Moderator:** Monika Hartmann, University of Bonn

**Panelists:** Alan Randall, University of Sydney; David Blandford, Penn State University; Roger L. Claassen, USDA-Economic Research Service; Eirik Romstad, Norwegian University of Life Sciences
**Concurrent Sessions—Monday, 4:30 pm–6:00 pm**

**1074 Price Analysis and Market Integration**  
*Washington State Convention Center, Room 606*

**Selected Paper Session**
This session discusses market integration: relationships through time and space.

**Moderator:** Sonja M. Perakis, Michigan State University

**Presentations:**
- The Income Shifting Option's Effect on January Forward Basis Bids  
  *Wenjiao Zhao, Mindy L. Mallory, and Scott H. Irwin, University of Illinois at Urbana-Champaign*
- Basis Effects of Ethanol Plants in the U.S. Corn Belt  
  *Elizabeth D. Miller, Mindy L. Mallory, and Katherine R. Baylis, University of Illinois at Urbana-Champaign; Chad E. Hart, Iowa State University*
  *Jieyuan Zhao and Barry K. Goodwin, North Carolina State University*
- Changing Spatial Maize Price Relationships in West Africa  
  *Sonja M. Perakis, Michigan State University*

**1075 Experiments in Environmental Economics**  
*Washington State Convention Center, Room 607*

**Selected Paper Session**
This session presents new experimental evidence on the provision of public goods and the allocation of common-pool resources. Field and laboratory experiments are used to assess new potential strategies for achieving environmental and welfare gains through alternative environmental policy designs with explicit consideration of behavioral confounding factors. Topical focuses include greenhouse gases and irrigation.

**Moderator:** Andrey A. Zaikin, Washington State University

**Presentations:**
- Assessing a Provision Game for Two Units of a Public Good, with Different Group Arrangements, Marginal Benefits, and Rebate Rules: Experimental Evidences  
  *Pengfei Liu and Stephen K. Swallow, University of Connecticut; Christopher M. Anderson, University of Rhode Island*
- Dynamic Voluntary Contribution to Public Goods with Stock Accumulation  
  *Juan C. Ruiz-Tagle, University of Maryland*
- Private Provision of a Stochastic Common Property Resource  
  *Richard E. Howitt, University of California, Davis; Jonathan D. Kaplan, California State University, Sacramento; Stephan Kroll, Colorado State University*
- The Carrot or the Stick: Water Allocation Strategies for Uzbekistan  
  *Andrey A. Zaikin and Ana Espinola-Arredondo, Washington State University*

**1076 Consumer Demand Analysis**  
*Washington State Convention Center, Room 608*

**Selected Paper Session**
This session includes two papers that examine advertising impacts on food purchases. The other two papers look at the impact education and other factors have on consumer food purchases.

**Moderator:** Charles R. Rhodes, University of Connecticut

**Presentations:**
- Modeling Advertising Expenditures and Spillover Effects Applied to the U.S. Non-Alcoholic Beverage Industry: Vector Autoregression (VAR) and Polynomial Distributed Lag (PDL) Approaches  
  *Senarath Dharmasena, Oral Capps, Jr., and David A. Bessler, Texas A&M University*
- What is the Relationship between Education and Food Purchases among Food Insecure Households?  
  *John J. Hogan and Joshua P. Berning, University of Connecticut*
- Spillover Effects of TV Advertising: The Case of Carbonated Soft Drinks  
  *Xun Li and Rigoberto A. Lopez, University of Connecticut*
- How Racial Groups and Sex of Heads of Household Differ by Income and Education Level in Household Purchase Response to Types of Sugary Soft Drink Marketing  
  *Charles R. Rhodes, University of Connecticut*

**1077 Blue Sky Thinking in Agricultural Policy**  
*Washington State Convention Center, Room 609*

**Selected Paper Session**
This session presents a series of papers which address agricultural policy issues from a novel perspective.

**Moderator:** Anh N. Tran, North Carolina State University

**Presentations:**
- The Political Economy of Controversial Technologies  
  *Gal Hochman, Rutgers University; Gregory D. Graff, Colorado State University; David Zilberman, University of California, Berkeley*
- Distortions to Agriculture and Economic Growth in Sub-Saharan Africa  
  *Kym Anderson, University of Adelaide/Australian National University/CEPR; Markus Brückner, National University of Singapore*
- Commodity Price Adjustment in a Competitive Storage Model with an Application to the Biofuel Mandate  
  *Anh N. Tran and Michael James Roberts, North Carolina State University*
Concurrent Sessions—Monday, 4:30 pm–6:00 pm

1078 To Nest in the Wind—Implementation and Impacts of Career Development for Women in Personal Growth and Balancing Life
Washington State Convention Center, Room 611

CWAE Track Session
Does gender make any differences in career development? Led by colleagues and experts in different career paths and stages, we will explore these issues based on theories and real examples (theories, surveys, cases, and personal experiences): 1) Is gender a significant factor to influence organizational strategies associated with career development? 2) How do women perceive career decisions and personal growth differently from men? 3) How do different career development options influence women's personal growth that might be different from men's experiences? 4) What are some differences and discrepancies to support or discourage women in making career choices based on culture, family, religion, environment, and other situations? And how do people handle these issues? 5) What are some best practices offered by different organizations to support women and men in career development and personal growth, given their different needs?
The goal of this panel discussion is to invite participants to share their thoughts and experiences and to identify issues and successful/innovative strategies to support both men and women in our profession.

Organizer: Chyi-Lyi (Kathleen) Liang, University of Vermont
Moderator: Kynda R. Curtis, Utah State University
Panelists: Mary Clare Ahearn, USDA-Economic Research Service; Paul Dunn, University of Louisiana at Monroe; Hamideh Etemadnia, Penn State University; Dawn D. Thilmany McFadden, Colorado State University; Philip S. Watson, University of Idaho

1079 Food Industry
Washington State Convention Center, Room 612

Selected Paper Session
This session includes papers on topics related to the industrial organization of, and supply-chain management in, the food industry.

Moderator: Mario Veneziani, Università Cattolica del Sacro Cuore

Presentations:
Does “Right of First Refusal” Improve Competitiveness of Fed Cattle Markets? Results from an Economic Experiment
Stephen R. Koontz, Colorado State University
An Exploration of Product Scope Choice in U.S. Biotech Corn Seed Market
Wenhui Zhang and Guanming Shi, University of Wisconsin
Economic Analysis of the U.S. Fluid Milk Industry
Xiaowei Cai, California Polytechnic State University, San Luis Obispo; Kyle W. Stiegert, University of Wisconsin
Multi-stage Market Power in the Italian Fresh Meat Industry
Paolo Sckokai, Mario Veneziani, and Daniele Moro, Università Cattolica del Sacro Cuore

1080 Environment and Technology Determinants of Productivity
Washington State Convention Center, Room 613

Selected Paper Session
This session discusses land degradation, environmental factors and access to technology influence crop productivity, as well as the impact of environmental conditions and technology on crop productivity.

Moderator: Trent D. Blare, University of Florida

Presentations:
The Effects of Integrated Pest Management Techniques (IPM) Farmer Field Schools on Groundnut Productivity: Evidence from Ghana
Eric J. Carlberg and Gentian Kostandini, University of Georgia
Does Access to Storage Protectant Increase Smallholder Adoption of Improved Maize Seed? Insights from Malawi
Jacob E. Ricker-Gilbert and Michael S. Jones, Purdue University
Pilar Useche and Trent D. Blare, University of Florida

1081 Firm-level Trade
Washington State Convention Center, Room 614

Selected Paper Session
Recent work shows a high level of heterogeneity in firms when it comes to trade. These papers use firm-level data to explore export behavior.

Moderator: Mark J. Gibson, Washington State University

Presentations:
Vertical Ownership and Trade Theory: Firm Level Evidence from France
Carl Gaigne, Karine Latouche, and Stéphane Turolla, Institut National de la Recherche Agronomique
Survival of the Fittest: Explaining Export Duration and Export Failure in the U.S. Fresh Fruit and Vegetable Market
Jeta Rudi, Jason H. Grant, and Everett B. Peterson, Virginia Tech
Brokers vs. Retailers: Evidence from the French Imports Industry of Fresh Produce
Karine Latouche, Institut National de la Recherche Agronomique; Elodie Rouviere, AgroParisTech
Trade Engagement and Producer Performance
Mark J. Gibson, Washington State University; Tim A. Graciano, USDA-Economic Research Service
Concurrent Sessions—Monday, 4:30 pm–6:00 pm

1082 Conservation and Ecosystem Services
Washington State Convention Center, Room 615

Selected Paper Session
This session covers the conservation of soil, piping plovers, and wetland habitat as well as returns to ecosystem services.

Moderator: Kent Kovacs, University of Minnesota

Presentations:
Optimal Portfolio Design to Reduce Climate Related Conservation Uncertainty: The Case of Wetland Habitat in the Prairie Pothole Region
Amy W. Ando and Mindy L. Mallory, University of Illinois at Urbana-Champaign

Using the Logit Model with Aggregated Choice Data in Estimation of Iowa Corn Farmers’ Conservation Tillage Subsidies
Tara Wade and Lyubov A. Karkalova, North Carolina A&T State University

Managing Excessive Predation in a Predator-Prey Setting: The Case of Piping Plovers
Richard T. Melstrom, Jr., Michigan State University

Evaluating the Return in Ecosystem Services from Investment in Public Land Acquisitions
Kent Kovacs, Derric Pennington, Stephen Polasky, and Steven James Taff, University of Minnesota; Erik Nelson, Bowdoin College; Bonnie Keeler, University of Minnesota; Andrew J. Plantinga, Oregon State University

1083 Forests
Washington State Convention Center, Room 616

Selected Paper Session
This session includes papers on carbon sequestration as well as the effects of wildfires on forests and agriculture.

Moderator: Craig Johnston, University of Victoria

Presentations:
Economic Impacts of Wildfires on U.S. Agriculture and Forestry Sectors
Jianhong Mu, Texas A&M University; Anne Wein and Todd Hawbaker, U.S. Geological Survey; Bruce A. McCarl, Texas A&M University

Estimating the Supply of Forest Carbon Offsets: A Comparison of Best-Worst and Discrete Choice Valuation Methods
Joe R. Soto and Damian C. Adams, University of Florida

Private Forest Landowners’ Response to Incentives for Carbon Sequestration
Taeyoung Kim and Christian A. Langpap, Oregon State University

Re-evaluating the Role of Biomass and Dead Organic Matter in the Optimal Forest Harvest Decision with Carbon Sequestration
Craig Johnston and G. Cornelis Van Kooten, University of Victoria

1084 The Economics of Agricultural Productivity and Efficiency
Washington State Convention Center, Room 617

Selected Paper Session
This session includes papers that address important issues in the measurement of agricultural productivity.

Moderator: V. Eldon Ball, USDA-Economic Research Service

Presentations:
Producer Behavior and Agri-Environmental Policies: A Directional Distance Based Matching Approach
John Walsh, Department for Environment, Food and Rural Affairs; David Zilberman, University of California, Berkeley; Johannes Sauer, University of Kiel

Complementarities in Production Technologies: An Empirical Analysis of the Dairy Industry
Henry An, University of Alberta

Incorporating “Bads” and “Goods” in the Measurement of Agricultural Productivity Growth in the United States
Nataliya Plesha and Subhash Ray, University of Connecticut; Richard F. Nehring and V. Eldon Ball, USDA-Economic Research Service

State Productivity Growth: Catching-up and the Business Cycle
V. Eldon Ball, USDA-Economic Research Service; Carlos San Juan, Universidad Carlos III de Madrid; Camilo A. Ulloa, BBVA Research

1085 Valuation of Ecosystem Services of Conservation Programs
Washington State Convention Center, Room 618

Selected Paper Session
This session explores topics in valuation of ecosystem services. Topics examine implicit prices and the efficiency of conservation programs and valuation ex-post using market sales of restored ecosystems.

Moderator: Allen Klaiber, The Ohio State University

Presentations:
Implicit Prices of Habitat Conservation Easements
Chad D. Lawley, University of Manitoba; Charles A. Towe, University of Maryland

Beneficial Selection and the Efficient Procurement of Ecosystem Services
Noel P. Russell, University of Manchester; Johannes Sauer, University of Kiel

The Effects of Open-space Conservation on Ecosystems: An Application of a Joint Ecological-economic Model
Katherine Y. Zipp, David J. Lewis, and Robert William Provencher, University of Wisconsin

A Valuation of Restored Streams Using Repeat Sales
Charles A. Towe, University of Maryland; Allen Klaiber, The Ohio State University; Joseph A. Maher, University of Maryland
Selected Paper Session—Monday, 4:30 pm–6:00 pm

1086  Topics in Fisheries Management
Washington State Convention Center, Room 619

**Selected Paper Session**
This session examines institutions and their welfare effects on fisheries management.

**Moderator:** Tess M. Stafford, University of New South Wales

**Presentations:**
- An Inverse Demand System for New England Groundfish: Welfare Analysis of the Transition to Catch Share Management
  Min-Yang A. Lee and Eric Thunberg, NOAA Fisheries
- Marketing Cooperatives in Fisheries
  Sunny L. Jardine, C.-Y. Cynthia Lin, and James N. Sanchirico, University of California, Davis
- Consumer Demand and Preference for Eco-friendly Labeled Commercial Fish Commodities: Application to Tuna Steak
  Guzhen Zhou and Wuyang Hu, University of Kentucky; Minling Pan, NOAA
- Labor Supply of Fishermen: An Empirical Analysis
  Tess M. Stafford, University of New South Wales

1087  Crop Yield Risk: Geography, Technology, and Government Programs
Washington State Convention Center, Room 620

**Selected Paper Session**
Crop yields are subject to numerous risk factors. These presentations seek to improve the understanding of crop yield risk modeling by investigating the impacts of geographical, technological, and government intervention factors.

**Moderator:** Anton Bekkerman, Montana State University

**Presentations:**
- Geography of Crop Yield Skewness
  Xiaodong Du, University of Wisconsin; David A. Hennessy, Cindy L. Yu, and Ruqing Miao, Iowa State University
- Production Risk, Farmer Welfare, and Bt Corn
  Santi Sanglestsawai and Roderick M. Rejesu, North Carolina State University; Jose M. Yorobe, Jr., University of the Philippines Los Baños
- Risk Reduction of LGM-Dairy and Potential Production Effects
  Kenneth H. Burdine and Leigh J. Maynard, University of Kentucky
- The SURE Program: An Investigation of Moral Hazard Opportunities and Adverse Selection Effects
  Anton Bekkerman, Vincent H. Smith, and Myles J. Watts, Montana State University

1088  How to Develop a Successful Undergraduate Agricultural Economics Club
Washington State Convention Center, Room 306

**TLC Section and SS-AAEA Track Session**
Each year the Student Section of the AAEA recognizes an Outstanding Chapter and a Creative Club. Awards are presented at the AAEA awards ceremony at the annual meeting. The Student Section also sponsors an Academic Bowl contest at the annual meeting. In recent years several chapters have had repeated success in winning these awards and contests. Club advisors from other chapters would like to know how successful undergraduate clubs and teams are developed, what activities they carry out, and how club advisors are chosen and rewarded. Three presenters will be chosen to address the following topics: 1) How to develop a successful undergraduate club in a large department. 2) How to develop a successful undergraduate club in a small department. 3) How to develop a successful Academic Bowl team.

**Organizer:** William M. Edwards, Iowa State University

**Panelists:** William M. Edwards, Iowa State University; Sierra S. Howry, Angelo State University; H. Mikael Sandberg, University of Florida
Concurrent Sessions—Tuesday, 10:00 am–11:30 am

2001  Climate Change Impacts  
*Washington State Convention Center, Room 204*

**AERE Session**

**Moderator:** Michael James Roberts, North Carolina State University

**Presentations:**

The Distributional Impacts of Climate Change on Indian Agriculture: A Quantile Regression Approach
*Chandra Kiran B. Krishnamurthy, Umea University*

Estimating the Impact of Climate Change, Extreme Weather, and Soil Quality on Global Crop Production
*Erik Nelson and Jae Bradley, Bowdoin College*

Climate vs. Weather Shocks: Evidence from Global Food Markets
*Kyle C. Meng, Columbia University; Solomon Hsiang, Princeton University; Mark Cane, Columbia University*

Disaster, Disinvestment, and Death: Economic and Human Losses Following Environmental Disaster
*Jesse Anttila-Hughes, Columbia University; Solomon Hsiang, Princeton University*

2002  Farmland Value  
*Washington State Convention Center, Room 211*

**Selected Paper Session**

This session presents discussions on the effects of changes in the ethanol and real estate markets on farmland values. Specifically, farmland ownership and production decisions may be affected by recent changes in ethanol and agricultural policies as well as the housing boom-bust trends of the recessionary period. In addition, the impact of the design of farm programs on cash rents is also analyzed. Another paper demonstrates the use of non-stationary panel time series techniques in analyzing the determinants of farmland values.

**Moderator:** Jaclyn D. Kropp, Clemson University

**Presentations:**

The Use of Nonstationary Panel Time Series Data in the Analysis of Farmland Values
*Gulcan Onel, University of Florida*

The Housing Boom-Bust and Farmland Values: Identifying the Changing Influence of Proximity to Agricultural Delivery Points
*Wendong Zhang and Elena G. Irwin, The Ohio State University; Cynthia J. Nickerson, USDA-Economic Research Service*

The Impact of Risk and Farm Program Design on Cash Rents
*Jennifer Ifft, Joseph C. Cooper, and Todd H. Kuetehe, USDA-Economic Research Service*

Impacts of U.S. Agricultural and Ethanol Policies on Farmland Uses and Prices
*Jaclyn D. Kropp, Clemson University*

*Washington State Convention Center, Room 212*

**AARES Organized Symposium**

This is the first of two sessions focusing on fundamental aspects of food security: 1) long run global food supply scenarios and their implications for the trend level of food prices, and 2) the variance of prices around that level. Of critical significance to sustainable global poverty reduction is the trend level of food prices. During the 20th century, real food prices in international markets traced a downward path but have spiked several times in recent years. Will historians see the past few years as an aberration on a continuing long-run downward trajectory for food prices, or will they be seen as the beginning of a long period of high and even rising prices for farm products?

This session is part one of a two-part symposium dealing with these issues. The second part, Session 2033, will take place after lunch in the same room.

**Organizers:** Kym Anderson, University of Adelaide/Australian National University/CEPR; Philip G. Pardey, University of Minnesota/InStePP/University of Adelaide/CSIRO

**Moderator:** Kym Anderson, University of Adelaide/Australian National University/CEPR

**Presentations:**

Agricultural R&D Investments, Farm Productivity Slowdowns, and Their Long Run Food Supply Implications
*Julian M. Alston, University of California, Davis; Philip G. Pardey, University of Minnesota/InStePP/University of Adelaide/CSIRO*

The Food Security Implications of Climate Change and Mitigation Policies
*Thomas W. Hertel, Purdue University*

Global Poverty Consequences of Agricultural Productivity Growth
*William J. Martin and Maros Ivanic, World Bank*
Concurrent Sessions—Tuesday, 10:00 am–11:30 am

**2004 Herbicide Resistant Weeds and Sustainable Weed Management**
*Washington State Convention Center, Room 213*

**Organized Symposium**
The emergence of glyphosate resistant weeds due to the widespread adoption of genetically engineered, herbicide tolerant crops has refocused attention on the challenges that herbicide resistant weeds pose to farm sustainability. These challenges have gained national prominence through prime time media reports, congressional hearings, and the recommendations of an expert panel convened by the National Academies’ National Research Council. This symposium will review recommendations from the National Academies’ National Summit on Strategies to Manage Herbicide-Resistant Weeds held on May 10, 2012 in Washington, D.C. and identify how agricultural and applied economists can contribute to promoting improved weed management through their research, extension, and outreach efforts.

**Organizers:** Terrance M. Hurley, University of Minnesota; Paul D. Mitchell, University of Wisconsin; George B. Frisvold, University of Arizona

**Moderator:** David Zilberman, University of California, Berkeley

**Discussants:** David J. Pannell, University of Western Australia; George B. Frisvold, University of Arizona; Paul D. Mitchell, University of Wisconsin; Terrance M. Hurley, University of Minnesota

**2005 Reputation and Organizational Legitimacy: Implications for Firms in the Global Agri-food and Fiber Supply Chain**
*Washington State Convention Center, Room 214*

**AEM Section and IBES Track Session**
Legitimacy and reputation, both are intangible assets that influence the economic viability of organizations. Indeed these two assets are bestowed upon firms by society as an indication of their approval of what an organization is doing. Firms gain or lose in their reputation for social and/or environmental performance, by respectively leading or lagging behind in the evolution of societal expectations concerning various issues of Corporate Social Responsibility (CSR). Moreover, if society feels that a firm falls too far behind or is to forward in their response to CSR issues they are likely to lose organizational legitimacy. Consequently, the papers in this track session examine the issues of legitimacy and reputation on firms that operate in the global agri-food and fiber supply chain.

**Organizer:** Joshua D. Detre, Louisiana State University

**Presentations:**
Does One Bad Apple Spoil the Bunch? An Exploration of Legitimacy Loss for Innocent Firms under Food Recall Situations
Whitney O. Peake, Murray State University; Joshua D. Detre, Louisiana State University; Michael A. Gunderson, University of Florida; Clinton C. Carlson, University of Northern Texas

Challenges Facing New Business Ventures: A Legitimacy Approach
Robert Brent Ross, Michigan State University; Miguel I. Gomez, Cornell University; Fabio R. Chaddad, University of Missouri

Legitimacy and the Distinction between Moral Exhortations and Moral Prohibitions, or Why It Is Confusing to Tell Agribusiness Firms to Do This and Don’t Do That
Harvey S. James, Jr., University of Missouri
Concurrent Sessions—Tuesday, 10:00 am–11:30 am

2006  Natural Resources and the Dynamics of Income and Wealth Inequality in Rural America
Washington State Convention Center, Room 303

Invited Paper Session/CENET Track Session
This session explores the distribution of income and wealth in rural America and how the dynamics of wealth and income inequality are affected by the trajectories of natural resource use in different regions.

Organizer: Bruce A. Weber, Oregon State University
Moderator: Bruce A. Weber, Oregon State University
Discussant: Mitchell A. Renkow, North Carolina State University

Presentations:
- Natural Resource Curse and Poverty in Appalachian America
  Mark D. Partridge, Michael R. Betz, and Linda Lobao, The Ohio State University
- Local Foods and Community Income Growth and Inequality
  Steven C. Deller, University of Wisconsin
- The Distribution of Household Wealth within and across Rural Areas: Are There Links to the Natural Resource Base?
  Alexander W. Marre and John L. Pender, USDA-Economic Research Service

2007  Grain Outlook
Washington State Convention Center, Room 304

Extension Section Track Session
This track session features three presentations that primarily highlight the current and near-term situation and outlook of grain commodities. The panel of participants will bring unique insights to the discussion of the corn, soybean, wheat, and cotton markets by adding comments on “hot topics” of direct relevance to the United States. Finally, an open question and answer discussion will be moderated by the session organizer, providing interaction between presenters and the attending audience. The moderator will not only generate discussion but also highlight the implications for Extension economists.

Organizer: Chad E. Hart, Iowa State University
Moderator: Chad E. Hart, Iowa State University

Presentations:
- Corn and Soybean Outlook
  Matthew C. Roberts, The Ohio State University
- Wheat Outlook
  Kim B. Anderson, Oklahoma State University
- Cotton Outlook
  John R.C. Robinson, Texas A&M University

2008  Skills for Enhancing Rural/Limited Resource Enterprise Development
Washington State Convention Center, Room 305

COSBAE Track Session
Rural enterprises face several constraints that make it more difficult for them to succeed than many of their urban counterparts. This session will discuss obstacles faced by rural/limited resource businesses and will highlight avenues for them to deal with these issues. The session will cover three main areas that often hinder business success: management and operations; finance options; and communication/marketing. The goal is to present researchers and extension educators with the latest knowledge on overcoming these obstacles and to encourage further research in this area.

Organizer: Daniel V. Rainey, University of Arkansas
Moderator: Keithly G. Jones, USDA-Economic Research Service
Discussant: Deacue Fields, III, Auburn University

Presentations:
- Agritourism Returns and Communication/Promotion Choices
  Daniel V. Rainey and Harjanto Djunaidi, University of Arkansas
- Effective Management Strategies for Agritourism Providers
  Chyi-Lyi (Kathleen) Liang, University of Vermont
- Limited Resource Entrepreneurs: Strategies for Dealing with Common Obstacles
  Ntam Baharanyi, Tuskegee University

2009  Livestock Outlook and Industry Issues
Washington State Convention Center, Room 306

Extension Section Track Session
This session will have a kickoff presentation that primarily highlights the current and near-term situation and outlook of beef, pork, and dairy industries. This will be followed two shorter presentations from a panel of participants bringing unique insights to the discussion by adding comments focused on “hot topics” of direct relevance to U.S. livestock industries and markets. Finally, an open question and answer discussion will be moderated by the session organizer.

Organizer: Glynn T. Tonsor, Kansas State University
Moderator: Glynn T. Tonsor, Kansas State University

Panelists: James G. Robb, Livestock Marketing Information Center; Scott H. Irwin, University of Illinois at Urbana-Champaign; Kathleen R. Brooks, West Texas A&M University
Concurrent Sessions—Tuesday, 10:00 am–11:30 am

2010  Labeling, Regulation, and Food Demand
Washington State Convention Center, Room 307

FAMPS and FSN Section Track Session
This joint track session focuses on analyzing the impacts of the food environment on consumer preferences. Given that organic foods transition from niche products to mainstream goods, two presentations address the effects of changing the food context in the organic market. Furthermore, two presentations determine food demand impacts via limiting access to certain foods or providing food labels.

Organizer: Christiane Schroeter, California Polytechnic State University, San Luis Obispo
Moderator: Christiane Schroeter, California Polytechnic State University, San Luis Obispo

Presentations:
Determinants of Organic Produce Purchasing Behavior
Christiane Schroeter and Xiaowei Cai, California Polytechnic State University, San Luis Obispo

The Impact of Macroeconomic Factors on the USDA Organic Seal Price Premium
Andrea C. Carlson, USDA-Economic Research Service; Edward C. Jaenicke, Penn State University

California’s Leading Role in State-mandated Soda Bans—Adherence at High Schools and Possible Compensation Outside of Schools
Kristin Kiesel, California State University, Sacramento; Rui Huang, University of Connecticut; Chantel Crane, California State University, Sacramento; Lisa Craypo, Samuels & Associates

Guiding Stars: Food Labeling at Hannaford’s
Biing-Hwan Lin and Ilya M. Rahkovsky, USDA-Economic Research Service; Chung-Tung Jordan Lin, U.S. Food and Drug Administration; Jong-Ying Lee, University of Florida

2011  Performance of Institutional Innovations to Address Multi-jurisdictional Water Management Problems
Washington State Convention Center, Room 308

IBES Track Session
Water resources seldom overlap with government and political boundaries, thus creating major jurisdictional challenges for effective management and use by multiple parties. In some regions of the United States, institutional innovations involving collaboration across federal, state and local government boundaries have emerged to improve water quantity/quality management. Information about the relative performance of these institutions is not readily available, particularly related to their abilities to respond to emerging management challenges or success in experimenting with new approaches, such as market-based mechanisms. This session will help fill that information gap by bringing together natural and environmental resource economists and policy analysts from several regions of the United States where institutional innovations have been used to address water issues. Speakers will define the jurisdictional water problem, describe the innovative institutional arrangements formed, summarize what is known about their performance, and identify current issues and challenges.

Organizer: Charles W. Abdalla, Penn State University
Moderator: Laura M. McCann, University of Missouri

Presentations:
Federal Water Quality Imperatives Affecting State and Local Governments: Innovative Watershed Restoration Initiatives in the Northwest United States
Claire Schary, U.S. Environmental Protection Agency

Multi-jurisdictional Water Allocation Conflicts: Incentive-based Mechanisms and Institutional Innovation to Resolve Water Conflicts in Multi-jurisdictional River Basins
Bonnie G. Colby, University of Arizona

Water Institutions and Energy Issues: Federal, Regional, and State Roles in Shale Gas Development in the Northeast United States
Charles W. Abdalla, Penn State University
Concurrent Sessions—Tuesday, 10:00 am–11:30 am

2012  Emerging Issues in Demand and International Trade in China
Washington State Convention Center, Room 309

China Section and International Section Track Session
In this session, we focus on demand and international trade issues in China. As a major market, structural changes in Chinese preferences are particularly important to exporting countries. As a major exporter, China is also affected by changing factors in destination markets such as the United States.

Organizers: Andrew Muhammad, USDA-Economic Research Service; Michael D. Hudson, Texas Tech University
Moderator: Blondel A. Brinkman, USDA-Animal and Plant Health Inspection Service

Presentations:
The Impacts of Changes in China’s Demographics on Textile and Global Cotton Markets
Michael D. Hudson, Texas Tech University; Stephen A. MacDonald, USDA-Economic Research Service; Mouze M. Kebede and Suwen Pan, Texas Tech University
Importance of Origin of Foreign Wine Preferences in China
Andrew Muhammad, USDA-Economic Research Service; Wei Chen, Shanghai University of Finance and Economics
Demand Analysis in Urban China: The Effect of Including Food Away from Home on Estimated Expenditure Elasticities
Lisa Mancino, Diansheng Dong, and Fred Gale, Jr., USDA-Economic Research Service; Junfei Bai, Chinese Academy of Sciences
Modeling Consumer Preferences for Sustainability, Food Safety, and Production Process Attributes of Imported Aquaculture Products from China
David L. Ortega, Hong Holly Wang, and Nicole J. Olynk, Purdue University

2013  Teaching Tips from Top Teachers: 2011 AAEA Award Recipients
Washington State Convention Center, Room 310

GSS and TLC Section Track Session
This session offers the opportunity for AAEA Teaching Award recipients to share teaching tips and have a dialogue with AAEA members. The emphasis is on winning strategies that have worked for them; the approaches, techniques, and/or teaching styles they consider to be instrumental to their success in the classroom. While they may utilize specific subject-matter examples to illustrate their points, the emphasis will on pedagogical approaches to improving education in our profession. The goal is to share ideas on what successful teachers are doing in and out of the classroom to facilitate learning.

Organizer: Allen Francis Wysocki, University of Florida
Moderator: Michael A. Gunderson, University of Florida

Presentations:
Teaching Tips: Perspective from Less than 10 Years’ Experience
W. Scott Downey, Purdue University
Teaching Tips: Perspective from 10 or More Years’ Experience
Frank J. Dooley, Purdue University
Teaching Tips: Graduate Teaching and Advising
Stephen Devadoss, University of Idaho
Teaching Tips: TLC Section Graduate Student Teacher of the Year
Nataliya Plesha, University of Connecticut
Concurrent Sessions—Tuesday, 10:00 am–11:30 am

2014 Practical Issues of Agricultural Insurance Programs in Developing Countries
Washington State Convention Center, Room 602

ARA Section Track Session

Producers in developing countries tend to be more vulnerable to production risks because they are more dependent on agriculture and often lack access to insurance products. The paucity of insurance instruments could be a contributor to the existence of poverty traps. Production shocks impact various aspects of rural economies, and households that own few assets can be pushed toward an (often irreversible) downward spiral into destitution. Systemic risks are of particular importance, since losses due to extreme events as a proportion of GDP in these countries have been historically higher than in developed countries. Design and implementation of insurance programs for developing countries face a variety of challenges. Among these, the most common are the lack of reliable historical data, information asymmetry, and lack of appropriate institutional infrastructure. The proposed session presents three papers which deal with specific practical issues encountered in the development, analysis, and/or implementation of insurance programs in developing countries.

Organizer: Dmitry V. Vedenov, Texas A&M University
Moderator: Oscar Vergara, AIR Worldwide
Discussant: Barry J. Barnett, Mississippi State University

Presentations:
Can Farmers’ Insurance Under-report Behavior Be Considered Cheating
Hong Holly Wang, Purdue University; Yuehua Zhang, Zhejiang University
Modeling Agricultural Risk in China
Oscar Vergara, Gerhard Zuba, Tina Zhang, Matt Harrigan, Jack Seaquist, and Heidi Wang, AIR Worldwide
Practical Issues in Designing Index Insurance Products for Ecuador Rice Producers
Dmitry V. Vedenov and Leonardo F. Sanchez, Texas A&M University

2015 Agribusiness Marketing: Willingness to Pay and Hedonic Pricing Studies
Washington State Convention Center, Room 603

Selected Paper Session

The papers in this session examine a variety of issues related to pricing agricultural products. The papers include several studies that utilize willingness to pay methodologies and hedonic pricing techniques.

Moderator: Hyeyoung Kim, University of Florida

Presentations:
Fresh Hammock-packed Bartlett Pears: Implications for Consumer’s Willingness to Pay Based on Sensory Analysis
Jonathan A. Watson, Allen Francis Wysocki, Michael A. Gunderson, and Jeff Brecht, University of Florida
The Theoretical Structure of Producer Willingness to Pay Estimates
Samuel D. Zapata and Carlos E. Carpio, Clemson University
Measuring the Value of Convenience: A Hedonic Pricing Model Approach in the Market for Breakfast Sausages
Steven S. Vickner, The Ohio State University
Impact of Added Sugar Information of Front-of-Pack Labels on Consumers’ Beverage Health Perception Changes
Hyeyoung Kim and Lisa A. House, University of Florida

2016 Behavioral Determinants of Demand
Washington State Convention Center, Room 604

Selected Paper Session

This session gives examples of how behavioral economics gives researchers new tools for understanding willingness to pay for goods as varied as ice cream and fine art.

Moderator: Arzu Aysin Tekindor, Washington State University

Presentations:
Willingness to Pay for Functional Dairy Products and the Influence of Starting Point Bias: Empirical Evidence for Germany
Kai-Brit Bechtold and Awudu Abdulati, University of Kiel
Consumer Response to Controversial Food Technologies and Price: A Neuroeconomic Analysis
Brandon R. McFadden and Jayson L. Lusk, Oklahoma State University; John M. Crespi, Kansas State University; J. Bradley C. Cherry, University of Missouri at Kansas City; Laura E. Martin, University of Kansas Medical Center; Amanda S. Bruce, University of Missouri at Kansas City
Strategic Self-ignorance and Consumption of Harmful Goods
Linda Thunstrom, HUI; Jonas Nordström, Lund University; Jason F. Shogren and Mariah D. Ehmke, University of Wyoming
Uniqueness in Art Market: Specialization in Visual Art
Arzu Aysin Tekindor and Vicki A. McCracken, Washington State University
Concurrent Sessions—Tuesday, 10:00 am–11:30 am

2017  Retail Food
Washington State Convention Center, Room 606

Selected Paper Session
This session discusses nutrition and marketing in retail food markets.

Moderator: Lan Li, Tennessee State University

Presentations:
Brand Level Demand Analysis of Fluid Milk Products with Different Attributes
Hee Jung Choi, University of Florida; Michael K. Wohlgenant, North Carolina State University

Understanding Food Away from Home Expenditures in Urban China: Differences by Week, Day, and Meal
Haiyan Liu and Thomas I. Wahl, North Dakota State University; Junfei Bai, Chinese Academy of Sciences; James L. Seale, Jr., University of Florida

Price Discrimination with Asymmetric Firms: The Case of the U.S. Carbonated Soft Drinks Market
Yizao Liu, University of Connecticut; Shu Shen, University of California, Davis

Fruit and Vegetable Consumption and Availability: Relationships to Adult Overweight and Obesity in the United States
Lan Li, Tennessee State University

2018  Experiments in Contract Enforcement and Farmer Behavior under Uncertainty
Washington State Convention Center, Room 607

Selected Paper Session
For all agricultural producers, but particularly those with smaller operations, production uncertainty and marginalized bargaining power present significant hurdles to improving profitability. The papers in this session explore these issues through experiments conducted with agricultural producers. Both laboratory and field experiments are used to assess the impact of contract enforcement policy designs on economic outcomes and the role of uncertainty on farmer capital investments and crop insurance purchases.

Moderator: Luisa Menapace, University of Trento

Presentations:
The Impact of Third-party Contract Enforcement in Agriculture: Evidence from a Field Experiment in Vietnam
Christoph Saenger, Georg-August-Universität Göttingen; Maximo Torero, International Food Policy Research Institute; Matin Qaim, Georg-August-Universität Göttingen

Does Contract Enforcement Limit the Distribution of Bargaining Power? An Experimental Study
Paula Cordero Salas, University of Alabama

Investment and Disinvestment in Irrigation Technology—An Experimental Analysis of Farmers’ Decision Behavior
Hanna Julia Ihli, Oliver Musshoff, and Syster Christin Maart, Georg-August-Universität Göttingen

On the Validity of Gamble Tasks to Assess Farmers’ Risk Attitudes
Luisa Menapace, University of Trento; Gregory J. Colson, University of Georgia
Concurrent Sessions—Tuesday, 10:00 am–11:30 am

2019  New Trends in Consumer-Market Analysis
Washington State Convention Center, Room 608

Selected Paper Session
This session features four interesting papers on new trends in consumer market analysis. How does convenience and social responsibility impact consumers’ choice? How are new technologies impacting consumer marketing?

Moderator: Dawn D. Thilmany McFadden, Colorado State University

Presentations:
Convenience as a Driver for Healthy Food Choices—The Case of Seafood
Simone C. Mueller Loose, University of South Australia; Anne Peschel and Carola Grebitus, University of Bonn

Mind the GAPs: Comparing Retailer and Producer Led Schemes
Diogo M. Souza Monteiro, University of Kent; Neal H. Hooker, Saint Joseph’s University

The Use of Wireless Capability at Farmers Markets: Results from a Choice Experiment Study
Aaron Z. Olanie and Rosa Karina Gallardo, Washington State University

Oana C. Deselnicu, Marco Costanigro, and Dawn D. Thilmany McFadden, Colorado State University

2020  Micro-level Development Policies in Africa
Washington State Convention Center, Room 609

Selected Paper Session
This session presents a series of papers describing policies aimed at smallholder producers in Africa.

Moderator: Milu Muyanga, Michigan State University

Presentations:
Subsistence Farmer Preferences for Alternative Incentive Policies to Encourage the Adoption of Conservation Agriculture in Malawi: A Choice Elicitation Approach

Do Cooperatives Help the Poor? Evidence from Ethiopia
Maria F. Rodrigo, University of Wisconsin

Effects of Population Density and Public Investments on Smallholder Agricultural Commercialization in Kenya
Milu Muyanga and Thomas S. Jayne, Michigan State University

2021  The Economics of Food and Nutrition Programs and Food Security
Washington State Convention Center, Room 611

Selected Paper Session
How do public nutrition programs impact their beneficiaries in terms of reducing poverty and facilitating spending? What is the role of conflict and energy and weather shocks in determining household food security? Four papers examine these questions in the context of the United States and Afghanistan.

Moderator: Tina L. Saitone, University of California, Davis

Presentations:
Conflict, Food Price Shocks, and Food Insecurity: The Experience of Afghan Households
Anna D’Souza, USDA-Economic Research Service; Dean Jolliffe, World Bank

The Effects of Energy and Weather Shocks on Household Food Security
Timothy KM Beatty and Charlotte Tuttle, University of Minnesota

How State Policies Influence the Efficacy of the Supplemental Nutrition Assistance Program in Reducing Poverty
Laura J. Tiehen, USDA-Economic Research Service; Dean Jolliffe, World Bank; Craig G. Gundersen, University of Illinois at Urbana-Champaign

California WIC: Analysis of Program Impacts on Food Costs for WIC Participants and Non-participants
Tina L. Saitone and Richard J. Sexton, University of California, Davis; Richard J. Volpe, III, USDA-Economic Research Service

2022  Market Power
Washington State Convention Center, Room 612

Selected Paper Session
This session includes papers on topics related to market power.

Moderator: Tian Xia, Kansas State University

Presentations:
Estimating Time Variation of Market Power: Case of U.S. Soybean Exports
Toru Nakajima, The University of Tokyo

Buyer Alliances as Countervailing Power in WIC Infant Formula Auctions
David E. Davis, South Dakota State University

Retail Markets and Buyer Power in Agricultural Procurements
Tian Xia and Brian Sancewich, Kansas State University
Concurrent Sessions—Tuesday, 10:00 am–11:30 am

2023 Adoption of Modern and Improved Technologies
Washington State Convention Center, Room 613

Selected Paper Session
Adoption of new technologies is a primary strategy for increasing food production. This session examines various issues regarding the adoption of improved agricultural technologies.

Moderator: Mohammed Ibrahim, Fort Valley State University

Presentations:
The Role of Varietal Attributes on Adoption of Improved Seed Varieties: The Case of Smallholder Sorghum Producers in Kenya
Anne G. Timu, Tegemeo Institute, Egerton University; Richard M. Mulua and Julius J. Okello, University of Nairobi; Mercy Kamau, Tegemeo Institute, Egerton University

The Impact of Modern Varieties on Productivity of, and Income from, Rice in Tanzania
Yuko Nakano and Kei Kajisa, International Rice Research Institute

An Econometric Analysis of the Link between Access to Agricultural Extension Services, Adoption of Agricultural Technology, and Poverty: Evidence for Uganda
Patrick Okello, Uganda Bureau of Statistics

Determinants of Farmer Adoption of Improved Peanut Varieties and Their Impact on Farm Income: Evidence from Northern Ghana
Mohammed Ibrahim, Fort Valley State University; Wojciech J. Florkowski, University of Georgia; Shashidhara Kolavalli, International Food Policy Research Institute

2024 Trade Costs and Market Integration
Washington State Convention Center, Room 614

Selected Paper Session
This session explores trade costs and spatial market integration.

Moderator: Jason H. Grant, Virginia Tech

Presentations:
The(Rail)road to Structural Change: Transportation Costs, Integration and Production Specialization
Sarah Walker, University of Wisconsin

The Law of One Price under the State-dependent Policy Intervention
Feng Qin, JP Gervais, and Barry K. Goodwin, North Carolina State University; Linde J. Goetz and Thomas Glauben, Leibniz Institute of Agricultural Development in Central and Eastern Europe

Cotton Market Integration across Countries, among Qualities, and through Time
Jon Devine, Cotton Incorporated; Alejandro S. Plastina, International Cotton Advisory Committee

Agricultural Trade Costs: 1965–2010
Shuwen Duan and Jason H. Grant, Virginia Tech

2025 Extreme Weather Events
Washington State Convention Center, Room 615

Selected Paper Session
This group of papers considers the economics of floods, storms, and droughts.

Moderator: Karina Schoengold, University of Nebraska

Presentations:
Spatial Variation in Flood Risk Perception: A Spatial Econometric Approach
Ajita Atreya and Susana Ferreira, University of Georgia

The Effect of Stochastic Storms on Optimal Beach Management
Sathyra Gopalakrishnan, The Ohio State University; Dylan McNamara, University of North Carolina at Wilmington; Martin D. Smith and Brad Murray, Duke University

Weather or Wealth? An Analysis of Economic Loss Caused by Extreme Precipitation Events
Jing Liu, Purdue University

The Impact of Ad hoc Disaster Programs on the Use of Conservation Practices
Karina Schoengold, University of Nebraska

2026 The Economics of Agricultural Technology Adoption
Washington State Convention Center, Room 616

Selected Paper Session
The papers in this session address important issues in agricultural technology adoption. Issues explored include the determinants and implications of the adoption of precision farming technology for cotton, determinants of adoption of management practices for weed resistance, and a retrospective on the adoption of Bt Corn varieties.

Moderator: Krishna P. Paudel, Louisiana State University

Presentations:
Fifteen Years Later: Examining the Adoption of New Bt Corn Varieties by U.S. Farmers
Jorge A. Fernandez-Cornejo, USDA-Economic Research Service; Seth J. Wechsler, University of Maryland

Quantifying Farmer Adoption Intensity for Weed Resistance Management Practices and Its Determinants
Fengxia Dong and Paul D. Mitchell, University of Wisconsin; Terrance M. Hurley, University of Minnesota; George B. Frisvold, University of Arizona

Adoption and Non-adoption of Precision Technology by Cotton Farmers
Krishna P. Paudel, Mahesh Pandit, and Ashok K. Mishra, Louisiana State University; Eduardo Segarra, Texas Tech University
Concurrent Sessions—Tuesday, 10:00 am–11:30 am

2027  Crop Response and Productivity  
Washington State Convention Center, Room 617

Selected Paper Session
This session features papers related to supply response, productivity, and profitability of crops.

Moderator: Elizabeth Nolan, University of Sydney

Presentations:
Commodity Grain Supply Response to Economic and Biophysical Changes  
David Boussios and Andrew P. Barkley, Kansas State University
A Comparative Breakeven Net Return Threshold to Guide Development of Conservation Technologies with Application to Perennial Wheat  
Carson J. Reeling, Anne Weir, and Scott M. Swinton, Michigan State University
Elizabeth Nolan and Paulo J. Santos, University of Sydney; Guanming Shi, University of Wisconsin

2028  Crop Choice and the Environment  
Washington State Convention Center, Room 618

Selected Paper Session
This session explores the environmental effects of crop choice on the environment and farm budgets.

Moderator: Alicia L. English, Purdue University

Presentations:
Incentives, Costs, and Implications of Wide-spread Cover Crop Adoption in the United States  
Elizabeth Marshall, USDA-Economic Research Service
Do farmers Have Heterogeneous Preferences for the Environment and Does It Matter? A Latent-class Approach to Crop Choice and Management Practices  
Avishek Konar, Elena G. Irwin, and Brian E. Roe, The Ohio State University
Evaluating Pollution Control Policies Using a Farm-level Dynamic Model  
Jingjing Wang and Kenneth A. Baerenklau, University of California, Riverside
Environmental Impacts of Stover Removal in the Corn Belt  
Alicia L. English, Wallace E. Tyner, Juan Pablo Sesmero, and Phillip Owens, Purdue University

2029  Land Use, Spatial Analysis, and the Environment  
Washington State Convention Center, Room 619

Selected Paper Session
This session discusses land use and spatial analysis resulting from regulatory and market uncertainty.

Moderator: Douglas H. Wrenn, The Ohio State University

Presentations:
Spatial Analysis of Rezoning Approval Decisions  
Seong-Hoon Cho, University of Tennessee; Seung Gyu Kim, USDA-Economic Research Service; Roland K. Roberts, University of Tennessee
Federal Forest Policy and Its Impact on Income Distribution in Rural Communities  
Yong Chen and Bruce A. Weber, Oregon State University
Heterogenous Developers, Spatial Interactions, and Land Development Outcomes under Uncertainty  
Matthew K. Gnagey, The Ohio State University
Searching for the Urban Fringe: Exploring Spatio-temporal Variations in the Effect of Distance vs. Local Interactions on Residential Land Conversion Using a Conditionally-parametric Discrete-time Duration Model  
Douglas H. Wrenn, Elena G. Irwin, and Abdoul G. Sam, The Ohio State University
2030 Impacts of 2010 Dietary Guidelines on Fruit, Vegetable, and Livestock Industries
Washington State Convention Center, Room 620

International Section and Senior Section Track Session

In 2011, the USDA and the FDA jointly issued a new set of dietary goals and nutrition guidelines. The goal of the Dietary Guidelines for Americans 2010 is to substantially reduce intake of calories and fats as part of the fight against obesity. Will these Dietary Guidelines be any more effective at changing food consumption patterns and reducing obesity than the previous guidelines? If so, what impacts would there be on the U.S. agriculture sector, and on food processing and retailing?

Organizers: Walter J. Armbruster, Farm Foundation (retired); Ronald D. Knutson, Texas A&M University
Moderator: Walter J. Armbruster, Farm Foundation (retired)
Presentations:
Impacts of 2010 Dietary Guidelines on the Southern Fruit and Vegetable Industry
Luis A. Ribera, Texas A&M University

Impacts of 2010 Dietary Guidelines on the Western Fruit and Vegetable Industry
Mechel S. Paggi, California State University, Fresno

Impacts of 2010 Dietary Guidelines on the Midwest and Northeast Fruit and Vegetable Industry
Chengyan Yue and Alicia Rihn, University of Minnesota

Impacts of 2010 Dietary Guidelines on U.S. Livestock and Meat Marketing
Rodney B. Holcomb and Jody L. Campiche, Oklahoma State University
Concurrent Sessions—Tuesday, 12:30 pm–2:00 pm

**2031  Washington Policy Update by Chief Economist from the House and Senate Agriculture Committees**
*Washington State Convention Center, Room 204*

**Extension Section Track Session**
Congress deals with a broad range of policy issues—from long-standing, agriculture-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 work for Congress, as well as perspectives on farm bill development. They also will seek comments and insights on issues from session attendees.

**Organizer:** Steven L. Klose, Texas A&M University  
**Moderator:** Joy L. Harwood, USDA-Farm Service Agency  

**Presentations:**
- Farm Policy Outlook: Perspective from the House Minority Committee  
  Craig Jagger, House Agriculture Committee  
- Farm Policy Outlook: Perspective from the House Majority Committee  
  Bart L. Fischer, House Agriculture Committee  
- Farm Policy Outlook: Perspective from the Senate Minority Committee  
  Max D. Fisher, Senate Agriculture Committee  
- Farm Policy Outlook: Perspective from the Senate Majority Committee  
  Joe Shultz, Senate Agriculture Committee

**2032  Livestock Trade**
*Washington State Convention Center, Room 211*

**Selected Paper Session**
This session explores factors affecting meat and livestock trade include changes in demand in Southeast Asia and foot and mouth disease.

**Moderator:** James M. Hansen, USDA-Economic Research Service  

**Presentations:**
- Economic Implications of a Foot and Mouth Disease Free Latin American Beef Sector  
  Amanda M. Leister and Amy D. Hagerman, USDA-Economic Research Service  
- International Pork Trade and Foot and Mouth Disease  
  Shang-Ho Yang, Sayed H. Saghaian, and Michael R. Reed, University of Kentucky  
- Modeling South Africa’s Meat Import System  
  Fawzi A. Taha and William F. Hahn, USDA-Economic Research Service  
- Assessing the Impact of Southeast Asia’s Increasing Meat Demand on Global Feed Demand and Prices  
  James M. Hansen, USDA-Economic Research Service

**2033  Global Food Security II: Food Price Fluctuations and Their Food Security Implications**
*Washington State Convention Center, Room 212*

**AARES Organized Symposium**
This is the second of two sessions focusing on fundamental aspects of food security: 1) long run global food supply scenarios and their implications for the trend level of food prices, and 2) the variance of prices around that level. National governments, groups such as the G-20, and the major international economic organizations have worried over food price variability over the past four years. Certainly some groups are harmed by fluctuating prices, but others may benefit. Understanding the causes and effects of those fluctuations—and of the likely effects of policy responses to price spikes on markets, aggregate national welfare and its distribution—is essential for better policy making in this area.

This session is part two of a two-part symposium dealing with these issues. The first part, Session 2003, takes place at 10:00 am in the same room.

**Organizers:** Kym Anderson, University of Adelaide/Australian National University/CEPR; Philip G. Pardey, University of Minnesota/InSTePP/University of Adelaide/CSIRO  
**Moderator:** Philip G. Pardey, University of Minnesota/InSTePP/University of Adelaide/CSIRO  

**Presentations:**
- The Economics of Agricultural Price Variability  
  Brian D. Wright, University of California, Berkeley  
- Variable Trade Restrictions: Policy Responses (and Contributors) to Food Price Fluctuations  
  Kym Anderson, University of Adelaide/Australian National University/CEPR; Signe Nelgen, University of Adelaide  
- Do Food Price Insulation Policies Reduce Poverty?  
  William J. Martin and Maros Ivanic, World Bank; Kym Anderson, University of Adelaide/Australian National University/CEPR
Concurrent Sessions—Tuesday, 12:30 pm–2:00 pm

2034  Alliances in the Small and in the Large: Formation and Performance
Washington State Convention Center, Room 213

AEM Section Track Session
Alliances—defined as collaborative, interdependent efforts between two or more firms—are a mainstay of the agricultural economy. But what determines alliance formation and performance? What makes one alliance successful, resulting in risk sharing, information exchange, and greater returns to scale, while another alliance results in a clash over intellectual property rights, as illustrated by Monsanto vs. DuPont? This session examines the impact of alliances at three focal lengths: 1) the ultimate outcome, firm survival, 2) the persistence of above-average profits among surviving firms, and 3) mechanisms persistently profitable firms use to facilitate information exchange and innovation while decreasing the threat of information expropriation. These perspectives combine to provide unique insight into the organization of firms along the food supply chain, from biotech firms to farms to agribusiness.

Organizer: Andrea Martens, University of Illinois at Urbana-Champaign
Discussant: Peter D. Goldsmith, University of Illinois at Urbana-Champaign

Presentations:
Too Connected to Fail: The Effect of Alliance Network Structure on Farm Survival
Andrea Martens and Barrett E. Kirwan, University of Illinois at Urbana-Champaign

The Effect of Alliances on the Persistence of Profits
Fabio R. Chaddad, University of Missouri; Sergio Lazzarini, Insper

Interlocking Directorates in Agricultural Enterprises in Scania, Sweden
Konstantinos Karantininis, University of Copenhagen; Thomas Björklund and Jerker Nilson, Swedish University of Agricultural Sciences

2035  Land Values and Rental Rates: Determinants, Trends, and New Tools
Washington State Convention Center, Room 214

AFM Section Track Session
Over the past few years, both land values and farmland rental rates have consistently experienced double-digit percentage increases throughout much of the Midwest and Great Plains regions. A significant amount of work has been done by agricultural economists in an attempt to analyze the determinants of both land values and rental rates, linking them with a range of factors including the land’s direct income generating potential via measures of expected crop revenues, expected or actual cash flows from government programs, soil and other productivity factors, urbanization pressures, and a number of other spatial considerations such as proximity to livestock operations or ethanol facilities. Furthermore, researchers have used a number of methods (i.e. standard OLS, various spatial models and specifications) and data sources (i.e. farm management association, USDA ARMS survey, Census of Ag, regional land transactions) to study these issues. This track session will focus on recent research efforts on land value and rental markets through three papers.

Organizer: Nicholas D. Paulson, University of Illinois at Urbana-Champaign
Moderator: Nicholas D. Paulson, University of Illinois at Urbana-Champaign
Discussant: Jason R. Henderson, Federal Reserve Bank of Kansas City-Omaha Branch

Presentations:
Farmland Markets: Valuation, Performance, and Risk
Bruce J. Sherrick and Mindy L. Mallory, University of Illinois at Urbana-Champaign

Farmland Rental Markets: Trends in Valuation, Design, and Risk
Nicholas D. Paulson and Gary D. Schnitkey, University of Illinois at Urbana-Champaign

A Comparison of Data Sources for the Analysis of Farmland Values
Todd H. Kaethe, Jennifer Ifft, Allison M. Borchers, and Mitchell J. Morehart, USDA-Economic Research Service
Invited Paper Session

The relationship between technology-driven agricultural productivity growth, land use, and greenhouse gas (GHG) emissions is ill-defined and currently debated in the literature. Under certain conditions, exogenous agricultural technology shifts can either increase or decrease net emissions from the terrestrial system. This session presents three distinct papers that address this complex relationship and project land use change and emissions under alternative future crop productivity scenarios. Results provide critical information on the effects of agricultural technology change on regional and global deforestation rates, emissions from crop and livestock systems, and the costs of land-based GHG abatement at U.S. and global scales.

Organizer: Justin S. Baker, RTI International
Discussant: Robert H. Beach, RTI International

Presentations:
Relative Agricultural Productivity and Tropical Deforestation
Steven Rose, Electric Power Research Institute; Alla Golub and Thomas W. Hertel, Purdue University; Brent Sohngen, The Ohio State University

Implications of Agricultural Productivity Growth Assumptions on Land Management, Greenhouse Gas Emissions, and Mitigation Potential
Justin S. Baker, RTI International; Bruce A. McCarl, Texas A&M University; Brian Murray, Duke University; Siyi J. Feng, Texas A&M University; Robert Johannson, USDA-Office of the Chief Economist

Crop Productivity Growth and Emissions Reduction from the Livestock Sector and Related Land Use Changes
Petr Havlik, Hugo Valin, and Michael Obersteiner, IIASA; Justin S. Baker, RTI International; Aline Mosnier, IIASA; Mario Herrero, International Livestock Research Institute; Erwin Schmid, Universität für Bodenkultur Wien

China Section Track Session

This session focuses on the changing landscape for agricultural input markets in China. The Chinese food and agricultural sector is changing rapidly on both the supply and demand sides as China grows economically, with major consequences not only for China but also for global agricultural markets. This session will shed light on some of the important supply-side changes.

Organizer: David Abler, Penn State University/By The Numbers
Moderator: David Abler, Penn State University/By The Numbers

Presentations:
An Anatomy of an Agricultural Mechanization Service Cluster in China
Xiaobo Zhang, International Food Policy Research Institute; Jin Yang, Zhejiang University

Impacts of Global Crude Oil Prices on China’s Vegetable Oil Prices
Wei Chen, Shanghai University of Finance and Economics; Bryan T. Lohmar, U.S. Grains Council China; Mary A. Marchant, Virginia Tech

The Shadow Price of Soil and Its Impact on Production Efficiency
Lingling Hou, Dana L. Hoag, and Mazdak Arabi, Colorado State University

The Effect of Land Use Diversity on Pest Infestation and Crop Yield: A County Scale Analysis for Rice and Cotton in China
Wei Zhang, International Food Policy Research Institute; Yanhui Lu, Chinese Academy of Agricultural Sciences; Feng Wu, Jikun Huang, and Ke Zhou, Chinese Academy of Sciences; Wopke Vander Werf, Wageningen University; Xiangzheng Deng, Chinese Academy of Sciences; Kongming Wu, Chinese Academy of Agricultural Sciences
Concurrent Sessions—Tuesday, 12:30 pm–2:00 pm

**2038  Value Added Meat Marketing around the Globe: International Insights on Safety, Health, and Convenience**  
*Washington State Convention Center, Room 305*

**CWAE and FAMPS Track Session**
In highly competitive meat markets it is important to understand which attributes are especially valued by consumers. This track session will contribute to a better understanding of consumer preferences for value added meats across different countries and simultaneously address different stages of the food chain by acknowledging factors such as breeding, forage (fat content), meat cuts as well as product labeling and packaging. All papers present current empirical studies from countries such as the United States, Canada, Germany, Italy, and Australia.

**Organizers:** Simone C. Mueller Loose, University of South Australia; Carola Grebitus, University of Bonn  
**Moderator:** Carola Grebitus, University of Bonn

**Presentations:**
- Taste vs. Health: Australian Consumers’ Preferences for Marbling and Fat Content in Beef Steaks  
  Simone C. Mueller Loose, University of South Australia; Wendy J. Umberger, University of Adelaide
- Maximizing Value of Canadian Traditionally Raised and Conventional Pork Chops: Are Genomic Markers, Meat Quality, or Hog Grade Indicators of the ‘Best’ Value?  
  Ellen W. Goddard, Heather Bruce, and Graham Plastow, University of Alberta; Jennifer Janz, Alberta Agriculture and Rural Development
- Increasing Food Quality, Safety, and Convenience and Reducing Food Waste through Innovative Meat Packaging  
  Judith Kreyenschmidt, Carola Grebitus, and Yvonne Ilg, University of Bonn; Jutta Roosen, Technical University of Munich; Helen H. Jensen, Iowa State University
- The Perfect Cut: What Do Italian Consumers Want from Their Everyday Beef?  
  Gabriele Scozzafava, University of Florence; Simone C. Mueller Loose and Armando Corsi, University of South Australia; Leonardo Cassini, University of Florence

**2039  The Economics of Cover Crops: What Will Drive Adoption?**  
*Washington State Convention Center, Room 306*

**Organized Symposium**
While cover crops may be an important component in sustainable cropping systems, they have not been widely adopted in the United States. Some of the obstacles arise from policy restrictions, including requirements in the crop insurance program that prevent eligible farmers from planting them. The objective of the symposium is to discuss the role cover crops will have in the future in the U.S. farm landscape. Understanding the economics of cover crops can inform the design of policies that create incentives for their adoption.

**Organizer:** Kranti Mulik, Union of Concerned Scientists  
**Moderator:** Kranti Mulik, Union of Concerned Scientists

**Panelists:** John V. Westra, Louisiana State University; Jason S. Bergtold, Kansas State University; James A. Larson, University of Tennessee

**Discussant:** Jeffrey O’Hara, Union of Concerned Scientists

**2040  A Pressure Cooker for Change: Food Policy and the 2012 Farm Bill**  
*Washington State Convention Center, Room 307*

**FSN Section and Senior Section Track Session**
The 2012 Farm Bill will be negotiated under exceptional pressures related to budget deficits, environmental concerns, energy independence, food insecurity, and food price inflation. This session will focus on the impact of these pressures on the Nutrition Title and on the changing food production, environment related to demands for sustainability, transparency and non-food uses of major crops, namely fuel. The role of agricultural and food policy in supporting human health increases; its advantages and limits will be explored. Speakers will address these issues followed by a moderated discussion.

**Organizer:** Jean Kinsey, University of Minnesota  
**Moderator:** Jean Kinsey, University of Minnesota

**Presentations:**
- The Nutrition Title of the Farm Bill: Pressures for Change  
  Parke E. Wilde, Tufts University
- Farm Bill Implications for Healthy Eating  
  Helen H. Jensen, Iowa State University
- Support for Local Food Production and Sustainable Agriculture  
  Shermain D. Hardesty, University of California, Davis
- Biofuels’ Impacts on Food and Commodity Prices  
  Bruce A. Babcock, Iowa State University
Concurrent Sessions—Tuesday, 12:30 pm–2:00 pm

2041 Publishing Strategies for IBES Research
Washington State Convention Center, Room 308

GSS and IBES Track Session
This organized symposium aims to help AAEA members who conduct research related to institutional and behavioral economics, especially graduate students and junior faculty, to identify publishing strategies and outlets. While classical institutional economics, new institutional economics, and behavioral economics may overlap, and while a particular researcher or paper may draw on insights or methods from more than one of these areas, each speaker will focus primarily on one area. Speakers will discuss general publication strategies, strategies relating specifically to IBES research, and potential outlets for research in their assigned area.

Organizer: Laura M. McCann, University of Missouri
Moderator: Brian R. Williams, Oklahoma State University

Presentations:
Strategies for “Old” or Classical Institutional Economics, Especially as Related to Environmental/Natural Resource and Development Fields
Laura M. McCann, University of Missouri

Strategies for New Institutional Economics, Especially as Related to Agribusiness Firms and other Organizations
Harvey S. James, Jr., University of Missouri

Strategies for Behavioral Economics, Especially as Related to Food and Nutrition Research
Brian E. Roe, The Ohio State University

2042 Frontier Issues in International Agricultural Development: Insights from the C-FARE Blue Ribbon Development Panel
Washington State Convention Center, Room 309

International Section Track Session
The C-FARE panel on Agricultural Development is exploring frontier issues on topics related to 1) foreign assistance and food security; 2) domestic and trade policies as they affect development; and 3) impact assessment of agricultural development interventions. This track session will include presentations by panel members on reforms to foreign assistance including aid for improved humanitarian outcomes, economics of input subsidies to agriculture in Sub-Saharan Africa, adaptation to climate change under uncertainty, and methods for measuring impacts of interventions affecting agricultural productivity, poverty reduction, nutrition, gender equity, health, and environment. The discussion that follows the panel presentations will serve to identify related issues with respect to the three main topics above, and will provide feedback to the C-FARE Development Panel as it prepares additional materials for policy makers.

Organizer: George W. Norton, Virginia Tech
Discussant: Jason H. Grant, Virginia Tech

Presentations:
Frontiers of Research on Foreign Assistance and Food Security
William A. Masters, Tufts University; Glenn C.W. Ames, University of Georgia

Contributions of Input Subsidies to Agricultural Development: Controversial Issues and Measurement Challenges
Gerald E. Shively, Purdue University; Thomas S. Jayne, Michigan State University; Jacob E. Ricker-Gilbert, Purdue University

Research on Agricultural Development and Climate Change Adaptation under Uncertainty
Corinne Valdivia, University of Missouri; Ruth Meinzen-Dick, International Food Policy Research Institute; Patricia Kristjanson, ICRAF

Frontiers in Impact Assessment of Agricultural Development Interventions
George W. Norton and Jeffrey Alwang, Virginia Tech
Concurrent Sessions—Tuesday, 12:30 pm–2:00 pm

2043  Agribusiness Management National Benchmarks
Washington State Convention Center, Room 310

**NAAEA and TLC Section Track Session**

In this session, we will present, discuss, and invite input regarding the results of a project which pulled information from across the nation on Agribusiness programs to create learning outcomes for knowledge, skill, and experiential learning. The project leaders solicited input and reviews by a wide range of stakeholders; specifically addressing the challenges set forth by the NRC and subsequent responses to the study. The project’s purpose is to find common knowledge and skill areas by which programs can be compared and referenced.

_Organizer:_ Penelope L. Diebel, Oregon State University

_Panelists:_ Penelope L. Diebel, Oregon State University; Gregory M. Perry, Colorado State University; W. Scott Downey, Purdue University; Michael A. Gunderson, University of Florida

2044  Invited Paper Session Featuring Selected Case Studies
Washington State Convention Center, Room 602

**Invited Paper Session**

_Organizer:_ Lisa House, University of Florida

_Moderator:_ Paul M. Darby, Louisiana State University

_Presentations:_
- Using Carbon Taxes to Change Generating Asset Mix: A Case Study of the Alberta Electricity System and the Potential of Nuclear Energy
  _G. Cornelis Van Kooten, Linda Wong, and Craig Johnston, University of Victoria_
- A USDA Certified BioPreferred New Product Introduction
  _Steven S. Vickner, The Ohio State University_
- A Sugar Crossroad: Is Biomass an Opportunity or a Problem?
  _Paul M. Darby and Joshua D. Detre, Louisiana State University; Tyler B. Mark, Morehead State University; Michael E. Salassi, Louisiana State University_

2045  Agricultural Finance Issues in Farm Succession and Entry and Exit Decisions
Washington State Convention Center, Room 603

**Selected Paper Session**

This session features papers that discuss the role of credit access and the idea of a targeted loan program in entry and exit farm business decisions, with a special focus on young and beginning (new) farmers. The survival and sustenance of newly-established farm businesses will rest on, among others, the availability of effective financing programs that will mitigate financing constraints and allow these young businesses to flourish into maturity. This session also includes analyses on the profitability and business viability effects of farm succession decisions and the implementation of a targeted loan program.

_Organizer:_ Valentina M. Hartarska, Auburn University

_Presentations:_
- Farm Operator Entry and Exit Behavior: A Longitudinal Analysis
  _Dwight W. Adamson and Andrew Waugh, South Dakota State University_
- The Impact of Farm Succession Decisions on the Financial Performance of the Farm
  _James Michael Harris, USDA-Economic Research Service; Ashok K. Mishra, Louisiana State University; Robert P. Williams, USDA-Economic Research Service_
- EnVesting in an Agricultural Legacy: The Impact to the Profitability of Young and Beginning Producers in Arkansas from a Targeted Loan Program
  _Leo P. Goeringer, Harold L. Goodwin, Jr., and Bruce L. Dixon, University of Arkansas_
- Financing Constraints and Access to Credit in Post Crisis Environment: Evidence from New Farmers in Alabama
  _Valentina M. Hartarska and Denis A. Nadolnyak, Auburn University_
Concurrent Sessions—Tuesday, 12:30 pm–2:00 pm

**2046** Behavioral Insights into Economic Development  
*Washington State Convention Center, Room 604*

***Selected Paper Session***  
Behavioral economics gives researchers new tools for understanding puzzles of economic development, whether it be African farmers’ rate of time preference or the collective management of irrigation water in Asia.  
***Moderator:*** Takuji W. Tsusaka, International Rice Research Institute

**Presentations:**  
- Closing the Eyes on a Gloomy Future: Psychological Causes and Economic Consequences  
  *Rachid Laajaj, University of Wisconsin*

- Comparison of the Investment Behavior of Kazakhstani and German Farmers: An Experimental Approach  
  *Dulat Tubetov, Oliver Muhlbock, and Syster Christin Maart, Georg-August-Universität Göttingen*

- Neighborhood Effects on Social Behavior: The Case of Irrigated and Rainfed Farmers in Bohol, The Philippines  
  *Takuji W. Tsusaka, Valerien O. Pede, and Kei Kajisa, International Rice Research Institute; Keitaro Aoyagi, Japan International Cooperation Agency*

**2047** Advancement in Demand System Estimation  
*Washington State Convention Center, Room 606*

***Selected Paper Session***  
The papers in this session discuss estimating demand systems.  
***Moderator:*** Cesar E. Castellon, Clemson University

**Presentations:**  
- Demand Estimation in the Presence of an Unobservable Product Attribute: The Case of Mint Quality  
  *Daniel Toro-Gonzalez, Jia Yan, Rosa Karina Gallardo, and Jill J. McCluskey, Washington State University*

- Pre- and Post-recall Demand Systems Estimation for Peanut Butter in Light of the Recall of the Peter Pan Brand  
  *Rafael Bakhtavoryan, Oral Capps, Jr., and Victoria Salin, Texas A&M University*

- Temporal Aggregation in the Estimation of Food Demand Using Cross Sectional Data  
  *Kristyn Leffler, Carlos E. Carpio, and Tullaya Boonsaeng, Clemson University*

- Demand System Estimation in the Absence of Price Data: An Application of Stone-Lewbel Price Indices  
  *Cesar E. Castellon, Tullaya Boonsaeng, and Carlos E. Carpio, Clemson University*

**2048** Futures and Commodity Markets  
*Washington State Convention Center, Room 607*

***Selected Paper Session***  
This session discusses commodity marketing issues of volatility and risk. Alternative delivery and settlement on a futures market contract is explored and electronic futures market trading is analyzed.  
***Moderator:*** Joseph Janzen, University of California, Davis

**Presentations:**  
- Price and Volatility Spillover between Livestock and Related Commodity Markets  
  *Veronica F. Pozo and Ted C. Schroeder, Kansas State University*

- Risk Measurement in Commodities Markets: How Much Price Risk Do Agricultural Producers Really Face?  
  *Fabio L. Mattos, University of Manitoba; Daniel Henrique Dario Capitanii, University of São Paulo*

- Measuring Spatial Integration in Tomato and Onion Markets of Pakistan: An Application of Error Correction Model in the Presence of Stationarity  
  *Heman D. Lohano, Institute of Business Administration*

- The Quality of Price Discovery and the Transition to Electronic Trade: The Case of Cotton Futures  
  *Joseph Janzen, Aaron D. Smith, and Colin Andre Carter, University of California, Davis*

**2049** Livestock Policy Issues  
*Washington State Convention Center, Room 608*

***Selected Paper Session***  
This session focuses on government policy issues affecting the livestock industries including U.S. horse slaughter policies, comparing U.S. and Canadian cattle policies, and examining U.S. dairy producers’ preferences for the 2012 Farm Bill.  
***Moderator:*** Christopher A. Wolf, Michigan State University

**Presentations:**  
- Consequences of U.S. Horse Slaughter Policies: An Equilibrium Displacement Approach  
  *Mallory K. Vestal, Jayson L. Lusk, Clement E. Ward, and Steven R. Cooper, Oklahoma State University*

- Effects of Market and Policy Shocks on the Canadian and U.S. Cattle and Beef Industries  
  *Edgar Edwin Twine and James I. Rude, University of Alberta*

- Dairy Farmer Preferences for 2012 Farm Bill  
  *Christopher A. Wolf, Michigan State University; Glynn T. Tonsor, Kansas State University*
Concurrent Sessions—Tuesday, 12:30 pm–2:00 pm

2050  Food Security, Food Access, and Food Deserts  
**Washington State Convention Center, Room 609**

**Selected Paper Session**

These papers look at how food access affects healthy eating, food security and crime. Papers deal with both domestic and international food security.

**Moderator:** Adam N. Rabinowitz, University of Connecticut

**Presentations:**
- Is Healthy Food Getting Easier to Access? Changes in Food Access over the Past Decade  
  Paula Dutko, Michele L. Ver Ploeg, Vince Breneman, Christopher W. Dicken, and Ryan Williams, USDA-Economic Research Service; Samantha D. Snyder, Purdue University; Phil R Kaufman, USDA-Economic Research Service
- The Role of Food Access in Meeting Some Dietary Guidelines: A Natural Experiment  
  Gayaneh S. Kyureghian, University of Nebraska; Rodolfo M. Nayga, University of Arkansas
- The Endogeneity of Crime and Supermarket Locations: Implications for Food Access  
  Adam N. Rabinowitz, University of Connecticut

2051  Determining Impacts on Physical Activity and Food Consumption  
**Washington State Convention Center, Room 611**

**Selected Paper Session**

The first two presentations in this session focus on physical activity changes in children, and food consumption behavior of college students. In addition, two presentations will address whether product selection behavior is impacted by nutrition logos and how food preparation time relates to diet quality.

**Moderator:** Lisa Mancino, USDA-Economic Research Service

**Presentations:**
- Do Neighborhood Parks and Playgrounds Make Children More Fit?  
  Maoyong Fan, Ball State University; Yanhong Jin, Rutgers University
- Who Is Eating the Fruits and Vegetables: Couch Potato or Internet Junkie?  
  Christiane Schroeter and Marianne McGarry Wolf, California Polytechnic State University, San Luis Obispo
- What If You Stop and Think About It? Nutrition Logos and Product Selection Behavior  
  Yuko Onozaka, Håvard Hansen, and Elisabeth L. Melbye, University of Stavanger
- Does More Cooking Mean Better Eating? Estimating the Relationship between Time Spent in Food Preparation and Diet Quality  
  Lisa Mancino and Christian A. Gregory, USDA-Economic Research Service

2052  Topics in Industrial Organization and Supply Chain Management  
**Washington State Convention Center, Room 612**

**Selected Paper Session**

This session includes papers on a variety of topics related to industrial organization and supply chain management.

**Moderator:** Dayton M. Lambert, University of Tennessee

**Presentations:**
- Asymmetric Price Transmission: A Copula Approach  
  Feng Qiu and Barry K. Goodwin, North Carolina State University
- Is Small Beautiful? Exploring the Link between Firms Size and Preventive Effort  
  Elodie Rouviere, AgroParisTech; Raphael Souberyan, Institut National de la Recherche Agronomique
- Reducing GHG Emissions and Energy Input in the U.S. Supply Chain of Ethanol and Gasoline  
  Yehushua S. Fatal, Sofia Kostiri, Hernan A. Tejeda, and Congnan Zhan, North Carolina State University
- Geographic Distribution of Renewable Energy Sector Industries: An Analysis Using Recent Developments in Industry Concentration Measurement  
  Dayton M. Lambert, David L. Register, Burton C. English, Kimberly L. Jensen, Robert J. Menard, and Michael D. Wilcox, Jr., University of Tennessee

2053  Market Integration and Participation  
**Washington State Convention Center, Room 613**

**Selected Paper Session**

This session focuses on innovations for providing improved market access and information about markets to producers and businesses.

**Moderator:** Tisorn Songsermsawas, University of Illinois at Urbana-Champaign

**Presentations:**
- Measuring Market Integration in the Presence of Threshold Effect: The Case of Bangladesh Rice Markets  
  Mohammad J. Alam, Ghent University
- Third-party Facilitation of Market Linkages in the Agri-food Supply Chain: Evidence from Armenian Vegetable Industry  
  Aleksan Shanoyan, Kansas State University; J. Roy Black, Michigan State University; Hamish R. Gow, Massey University; Christopher Peterson, MSU Product Center; Robert Brent Ross, Michigan State University
- Sustaining Small and Medium Enterprises through Financial Service Utilization: Does Financial Literacy Matter?  
  Jacob Nunoo, University of Cape Coast
- Friends or Traders? Do Social Networks Affect the Use of Market Mechanisms by Farmers in India  
  Katherine R. Baylis and Ashwini Chhatre, University of Illinois at Urbana-Champaign; Satya Prasanna, Independent Scholar; Tisorn Songsermsawas, University of Illinois at Urbana-Champaign
Concurrent Sessions—Tuesday, 12:30 pm–2:00 pm

**2054** Ten Thousand Labels: Credence Attributes, Product Differentiation, and Information Flows in the Food System  
*Washington State Convention Center, Room 614*

**Organized Symposium**  
The objective of this symposium is to present a coherent picture and promote a critical discussion of the current practices, trends and regulations associated with labeling of credence attributes in differentiated food markets. The focus of the symposium is on labels providing information regarding 1) nutritional outcomes, 2) environmental impact, 3) animal welfare, and 4) other ethical considerations.

**Organizer:** Marco Costanigro, Colorado State University  
**Moderator:** Marco Costanigro, Colorado State University  
**Discussants:** Jayson L. Lusk, Oklahoma State University; Dawn D. Thilmany McFadden and Marco Costanigro, Colorado State University; Vincenzina Caputo, University of Bologna

**2055** Water Use and Quality  
*Washington State Convention Center, Room 615*

**Selected Paper Session**  
This group of papers models surface and groundwater use, as well as lake water quality.

**Moderator:** Keith C. Knapp, University of California, Riverside  
**Presentations:**  
- An Economic Assessment of Water Quality Improvement BMPs for the Eagle Mountain Lake Watershed  
  *Jason L. Johnson, Texas AgriLife Extension Service; Clint Wolfe and David Waidler, Texas AgriLife Research*  
- Integration of GIS and Hydrological Models in a Feasibility Study of Irrigation under Salinity  
  *Monika Ghimire, Hiren A. Bhatosar, Jongsan Choi, Jeffrey D. Vitale, and Arthur Stoecker, Oklahoma State University*  
- Sustainability Economics of Groundwater Usage and Management  
  *Keith C. Knapp and Bradley Franklin, University of California, Riverside*

**2056** Spatial Dimensions of Agricultural Production and Markets  
*Washington State Convention Center, Room 616*

**Selected Paper Session**  
This session highlights the role of space in important issues in agricultural markets. Spatially explicit economic and econometric models are applied to inform questions about yield gaps, production technologies, and land rental markets.

**Moderator:** Marten Graubner, Leibniz Institute of Agricultural Development in Central and Eastern Europe  
**Presentations:**  
- How Much Drought Is ‘Just Right’? Spatial Differences in ‘Optimal Drought Severity’ for Drought Tolerant Maize  
  *Jeremy D. Foltz, University of Wisconsin; Travis J. Lybbert, University of California, Davis*  
- Spatial Econometric Approaches to Develop Site-specific Nematode Management Strategies in Cotton Production  
  *Zheng Liu, Terry Griffin, and Terrence L. Kirkpatrick, University of Arkansas*  
- Economics of Global Yield Gaps: A Spatial Analysis  
  *Uris Lantz C. Baldos and Thomas W. Hertel, Purdue University*  
- Spatial Competition on Land Rental Markets  
  *Marten Graubner and Alfons Balmann, Leibniz Institute of Agricultural Development in Central and Eastern Europe*

**2057** Biomass Production and Energy Prices  
*Washington State Convention Center, Room 617*

**Selected Paper Session**  
This session includes papers pertaining to biomass production and energy prices.

**Moderator:** Jerome R. Dumortier, Indiana University-Purdue University Indianapolis  
**Presentations:**  
- Optimal Biomass-harvesting Model for Biobutanol Biorefineries  
  *Subbu Kumararappan, The Ohio State University; Satish Joshi, Michigan State University*  
- Impacts of Energy Prices in U.S. Agricultural Productivity Growth and Food Prices—A Structural VAR Analysis  
  *Sun Ling Wang and Lihong L. McPhail, USDA-Economic Research Service*  
- Renewable Portfolio Standards in the Electricity Industry and Its Impact on Agriculture in the United States  
  *Jerome R. Dumortier, Indiana University-Purdue University Indianapolis*
Concurrent Sessions—Tuesday, 12:30 pm–2:00 pm

2058  The Additionality Problem in Climate and Conservation Policies
Washington State Convention Center, Room 618

Selected Paper Session
This session examines the problem of additionality in conservation incentive programs, i.e. do current and potential policies for conservation result in carbon storage or reductions that would not have otherwise occurred.

Moderator: Paula Cordero Salas, University of Alabama

Presentations:
Additionality in U.S. Agricultural Conservation Programs: A Preliminary Analysis of New Data
Eric N. Duquette and Roger L. Claassen, USDA-Economic Research Service

Effects of Carbon-based Border Tax Adjustments on Carbon Leakage and Competitiveness in Livestock Sectors
Zeynep B. Irfanoglu, Alla Golub, and Thomas W. Hertel, Purdue University; Benjamin Henderson, Food and Agriculture Organization of the United Nations

Addressing Additionality in REDD Contracts When Formal Enforcement is Absent
Paula Cordero Salas, University of Alabama; Brian E. Roe and Brent Sohngen, The Ohio State University

2059  Water Quantity and Quantity Policy
Washington State Convention Center, Room 619

Selected Paper Session
In this session, topics in optimal management of water quantity and quality regulation are discussed.

Moderator: Beth L. Nielsen, University of Georgia

Presentations:
Unraveling Deterrence Effects of Regulatory Activities under the Clean Water Act
Taro Mieno and Nicholas Brozovic, University of Illinois at Urbana-Champaign

Cost-effective Design of Reverse Auctions for Watershed Nutrient Reductions: A Case for Observable Conservation Practices
Sergey S. Rabotyagov, University of Washington; Adriana M. Valcu, Todd Campbell, and Philip W. Gasman, Iowa State University; Manoj K. Jha, North Carolina A&T State University; Catherine Kling, Iowa State University

Agricultural Groundwater Policy during Drought: A Spatially Differentiated Approach for the Flint River Basin
Beth L. Nielsen, Jeffrey D. Mullen, John Dowd, and Wendy Wright, University of Georgia

2060  Examining Rural Healthcare
Washington State Convention Center, Room 620

Selected Paper Session
The presentations in this session examine the policy implications of rural-urban health disparities, policies to increase health care efficiency, and whether healthcare or natural amenities drive migration among retirees.

Moderator: Kevin Patrick, USDA-Economic Research Service

Presentations:
Exploring Rural-Urban Health Disparities: Lessons from Four Major Diseases in the Commonwealth of Virginia
Di Zeng, Wen You, Bradford F. Mills, and Jeffrey Alwang, Virginia Tech; Michael O. Royster, Office of Minority Health and Health Equity, Virginia Department of Health

Are Critical Access Hospitals Less Efficient Than Non-converting, Prospectively Paid Rural Hospitals?
Justin C. Nedelea and James M. Fannin, Louisiana State University

Senior Migration Drivers: Natural Amenities vs. Medical Care
Anne M. Karner and Jeffrey H. Dorfman, University of Georgia
Concurrent Sessions—Tuesday, 4:00 pm–5:30 pm

2061 Using Panel Data in Agricultural Economics: Opportunities and Challenges
Washington State Convention Center, Room 204
Organized Symposium
Panel/longitudinal data allow researchers to undertake analysis which is not possible with cross-sectional analysis and the relevance of the research for policy and program development is enhanced with panel data. In an era of tight budgets having relevant panel data for policy and programs is essential. The presentations in this session highlight panel data usefulness and statistical issues, the use of state farm business management program panel data sets, the use of panel data for policy in Canada, and specific research applications using panel data sources.
Organizer: Ani L. Katchova, University of Kentucky
Moderator: David W.H. Culver, Agriculture & Agri-Food Canada
Discussant: Ani L. Katchova, University of Kentucky
Presentations:
Panel Data: Usefulness and Statistical Issues
Jean-Paul Chavas, University of Wisconsin
The Use of State-level Farm Panel Data from Farm Business Management Programs
Ani L. Katchova, University of Kentucky
The Use of Panel Data for Policy Analysis in Canada
David W.H. Culver, Agriculture & Agri-Food Canada
The Use of Panel Data for Research
Roderick M. Rejesus, North Carolina State University; T. Kirk White, USDA-Economic Research Service

2062 Evaluation Approaches for Cellulosic Biofuels—Political and Applied Economics Perspectives on Analytical Methods
Washington State Convention Center, Room 211
Organized Symposium
This session aims at stimulating a discussion on evaluation of biofuels policy and its effectiveness by providing an overview of different applied economics methodologies that are used for investigating economic, environmental, and social aspects of biofuels markets and policies. It will show and distinguish benefits of different evaluation approaches and underline the implications for investigating various biofuels market and policy questions. The session will include a broad spectrum of biofuels analysts, both scientists and practitioners and help to elaborate on methods to support the process of biofuels market assessments and policy making and design in the future.
Organizer: William H. Meyers, University of Missouri
Moderator: William H. Meyers, University of Missouri
Discussants: David Zilberman, University of California, Berkeley; John N. Ferris, Michigan State University
Presentations:
Economic Potential for Biofuels in the United States under Various Policy Scenarios
Madhu Khanna, University of Illinois at Urbana-Champaign
Methodological Evaluation Perspective on Sustainability of Conventional and Advanced Biofuels Feedstocks and Biofuels Production
Jadwiga R. Ziolkowska, University of California, Berkeley
Projecting Cellulosic Production and Use: How Many Uncertainties?
Patrick C. Westhoff, University of Missouri

2063 Topics on Energy
Washington State Convention Center, Room 212
AERE Session
Moderator: C.-Y. Cynthia Lin, University of California, Davis
Presentations:
How Consumers Respond to Product Certification: A Welfare Analysis of the Energy Star Program
Sébastien Houde, Stanford University
Implications of Yield Growth Assumptions for Domestic Energy Crops and Land Competition
Elizabeth Marshall, USDA-Economic Research Service
Industrial Organization and the Energy Efficiency Paradox
Louis-Gaëtan Giraudet, Stanford University
Do Actions Speak As Loud As Words? Commitments to “Going Green” on Campus
Philip Sirianni and Michael O’Hara, Colgate University
Concurrent Sessions—Tuesday, 4:00 pm–5:30 pm

2064  Production Practices
Washington State Convention Center, Room 213

Selected Paper Session
This session presents studies on production practices. Production practices studied include integrated pest management (IPM), best management practices for biogas recovery system in dairy operations, and organic and conventional production systems and their farm characteristics and costs/returns structures. Another paper studies the impact of weather events on the ability to conduct field operations.

Moderator: Tyler B. Mark, Morehead State University

Presentations:
Intensity of Integrated Pest Management (IPM) Practices Adoption by Plant Nursery Producers
Mahesh Pandit, Krishna P. Paudel, and Roger A. Hinson, Louisiana State University

Best Management Practices for Designing and Operating a Biogas Recovery System under a Time-of-Use Net-metering Program: A Focus on Electricity Revenue Generation from Two California Dairies
Sean P. Hurley, California Polytechnic State University, San Luis Obispo

The Structure and Profitability of Organic Field Crop Production

Revisiting Days Suitable for Fieldwork and Crop Progress Timing Relative to Global Climate Cycles in a Farm Management Context
Terry Griffin, University of Arkansas; Tyler B. Mark, Morehead State University

2065  Economic Research to Meet the Needs of Policymakers and Industry: Food Safety and Produce
Washington State Convention Center, Room 214

Organized Symposium
This symposium presents a panel discussion of economists and others involved in the produce industry to discuss the most important directions for future research in food safety and produce.

Organizers: Roberta L. Cook, University of California, Davis; Belinda Acuna and Andrew J. Estrin, U.S. Food and Drug Administration; Suzanne D. Thornsbury and Linda Sue Calvin, USDA-Economic Research Service

Moderator: Laurian J. Unnevehr, USDA-Economic Research Service

Panelists: Andrew J. Estrin, U.S. Food and Drug Administration; Helen H. Jensen, Iowa State University; Deborah Carter, Northwest Horticultural Council; David Gombas, United Fresh; Robert Holland, USDA-National Institute of Food and Agriculture

Presentation:
Current State of Economic Research
Linda Sue Calvin, USDA-Economic Research Service

2066  Is Subsidizing Farm Crop and Revenue Insurance Economically Justified?
Washington State Convention Center, Room 303

Invited Paper Session/ARA Section and Senior Section Track Session
Subsidized crop insurance has become the major farm program. Crop insurance subsidies already amount to about $6 billion per year and current proposals for replacing direct payments with “shallow-loss protection” would raise the levels of subsidized protection and increase the cost of the program. The economic justification for subsidizing farming in this way deserves continued critical public examination.

Organizer: Richard G. Heifner, Retired

Moderator: Richard G. Heifner, Retired

Discussant: Gary D. Schnitkey, University of Illinois at Urbana-Champaign

Presentations:
Why Has Subsidizing Crop Insurance Become the Farm Program of Choice?
Joseph W. Glauber, USDA-Office of the Chief Economist

What Harm Is Done by Subsidizing Crop Insurance?
Barry K. Goodwin, North Carolina State University

What Benefits Accrue from Subsidizing Crop Insurance?
Keith H. Cable, Mississippi State University
Concurrent Sessions—Tuesday, 4:00 pm–5:30 pm

2067  High Global Food Prices, Price Volatility, and China
Washington State Convention Center, Room 304

China Section and International Section Track Session
This session focuses on the role of China and other developing countries in high global food prices and global food price volatility, and the impacts of high prices and price volatility on China and other developing countries. Global food prices have been highly volatile during the past five years, with prices during 2007–2008 and in 2011 significantly above long-term averages. China, as a major player in global agricultural markets and home to approximately one-fifth of the world’s population, is one of the most important countries to consider when examining the current global food price environment.

Organizer: David Abler, Penn State University/By The Numbers
Moderator: Thomas I. Wahl, North Dakota State University

Presentations:
Preventing Global Food Price Volatility: The Role of China
Shenggen Fan, International Food Policy Research Institute
Food Production and Food Demand in an Era of High Global Food Prices: The China Case
Scott D. Rozelle, Stanford University; Jikun Huang and Jun Yang, Chinese Academy of Sciences
High Food Prices and Food Security
William J. Martin, World Bank
Japanaization of Chinese Agriculture
Keijiro Otsuka, National Graduate Institute for Policy Studies

2068  Teaching Undergraduate and Graduate Econometrics
Washington State Convention Center, Room 305

Econometrics Section Track Session
Econometrics is a fundamental tool for agricultural and applied economists. Given increased access to data and information, training students in econometrics is ever more important at both the undergraduate and graduate levels. This session focuses teaching approaches and tools from successful instructors, which impact learning outcomes for undergraduate and graduate students.

Organizer: Thomas L. Marsh, Washington State University
Moderator: Thomas L. Marsh, Washington State University
Panelists: Walter N. Thurman, North Carolina State University; Christopher S. McIntosh, University of Idaho; Vicki A. McCracken, Washington State University

2069  Obesity, Diet, and Health
Washington State Convention Center, Room 307

FSN Section and Senior Section Track Session
As the effects of the obesity epidemic continue to be felt, it is clear that the way Americans eat needs to be improved. This session provides insights from current research into changing U.S. health dynamics and thoughts on potential solutions. The roles of economic and time constraints, consumer attitudes, public policy incentives to change behavior, and the link between food retailers’ corporate social responsibility strategies and the supply of healthier products to the market will be addressed.

Organizer: Walter J. Armbruster, Farm Foundation (retired)
Moderator: Walter J. Armbruster, Farm Foundation (retired)

Presentations:
Economic and Time Constraints Associated with Dietary Adherence among Type-2 Diabetes Patients
Sven M. Anders and Denise Maxwell, University of Alberta; Sean B. Cash, Tufts University; Rhonda Bell and Cathy Chan, University of Alberta
Health Attitudes, Knowledge, and Behavior in Rural Communities: Impacts on Obesity
Conrad P. Lyford, Texas Tech University; Eric Belasco, Montana State University; Barent McCool and Audrey McCool, Texas Tech University; Tyra Carter, United Supermarkets, LLC; Barbara Pence, Texas Tech University Health Sciences Center
Understanding Conflicting and Compatible Incentives for Retailers in Promoting Healthy Eating
Wen You and George C. Davis, Virginia Tech
Food Retail Corporate Social Responsibility (CSR) in the UK: Promise and Practice
Diogo M. Souza Monteiro, University of Kent; Neal H. Hooker, Saint Joseph’s University
Emerging Markets and Agricultural Trade

Washington State Convention Center, Room 308

International Section Track Session

Developing countries are expected to be the main source of the projected growth in global food demand and trade in the future. Research by IATRC members and others suggests that one reason is the greater sensitivity of food spending in developing countries to income growth than in developed countries. Moreover, more supplying regions in developing countries seem to be integrating with world markets. Policy makers think ahead to what world agricultural trade and trade policy would look like in five, ten, or more years if current trends in macroeconomic and market integration continue. Key questions include regional integration in the developing world, “south-south” trade agreements, and expectations about macroeconomic performance in coming decades and its impacts on both supply and demand. Researchers are asked to consider a future in which the leading developing countries take further strides forward, and a host of other developing countries that have only experienced initial steps forward at present press on towards greater market development, integration with world markets, and trade.

Organizer: Wyatt W. Thompson, University of Missouri
Moderator: Wyatt W. Thompson, University of Missouri
Discussant: P. Lynn Kennedy, Louisiana State University

Presentations:
Analysis of Food Consumption Patterns in Developing and Emerging Markets
Andrew Muhammad, USDA-Economic Research Service; James L. Seale, Jr., University of Florida; Birgit G. Meade, USDA-Economic Research Service; Anita Regmi, USDA-Office of Chief Scientist

How Goods Move: Coordination between Farmers, Manufacturers, Traders, and Other Agents in Emerging Markets
Dave D. Weatherspoon, Michigan State University; Arthur Mabeso, International Food Policy Research Institute

How Domestic Agricultural and Trade Policy Influence the Agricultural Commodity Demand and Supply Balances, and What This Implies for Agricultural Trade, with a Focus on China
Wusheng Yu and Hans Grinsted Jensen, University of Copenhagen

Bilateralism and Multilateralism in International Trade and the Emerging Markets
David Blandford, Penn State University

Understanding the Multiple Impacts from Marketing Locally Grown Food, Food Products, and Agri-recreational Services

Washington State Convention Center, Room 309

CENET and IBES Track Session

The local food movement has received a great deal of recent attention from policy makers and consumers because of the potential it holds for food quality, health attributes, the environment, and community development. But, the hard evidence of positive outcomes is not well-established. The local foods movement is relatively young and local foods do not constitute a large segment of the U.S. food market. In addition, little is understood about the behavioral motivations driving consumer spending on locally grown foods. A role for our profession is to provide the evidence to quantify these links in a rigorous manner.

Organizer: Mary Clare Ahearn, USDA-Economic Research Service
Moderator: Dawn D. Thilmany McFadden, Colorado State University
Discussant: Dawn D. Thilmany McFadden, Colorado State University

Presentations:
Local Market Strategies of Farm Households: Vermont, Northeast, and the U.S.
Chyi-Lyi (Kathleen) Liang, University of Vermont; Mary Clare Ahearn, USDA-Economic Research Service

Regional Impacts of Local Food Sales in the Northeast and U.S.
Jason P. Brown, USDA-Economic Research Service; Stephan J. Goetz and David A. Fleming, Penn State University

Regional Consumer Demand for Locally Grown Foods in the Southeastern U.S.
Kimberly L. Morgan, Mississippi State University
**2072**  Agribusiness Pricing Issues  
*Selected Paper Session*  
Pricing issues are relevant to the marketing, general strategy, and overall profitability of a firm. The presentations in this session present a variety of models and approaches used by agribusinesses to examine price formation and response.  
**Moderator:** Christopher W. Taylor, University of Wisconsin  
**Presentations:**  
- Price Formation of Hops in the United States  
  Gnel Gabrielyan and Thomas L. Marsh, Washington State University  
- A High-dimensional, Multivariate Copula Approach to Modeling Multivariate Agricultural Price Relationships and Tail Dependencies  
  Xuan Chi and Barry K. Goodwin, North Carolina State University  
- Vertical Price Transmission in Differentiated Product Markets: Disaggregated Study for Milk and Butter  
  Jens-Peter Loy, Thore Holm, and Carsten Steinhagen, University of Kiel  
- Market Reactions to USDA Reports: State Analysis of Corn Price Response  
  Christopher W. Taylor, University of Wisconsin  

**2074**  The Retail Food Market  
*Selected Paper Session*  
This session explores the factors affecting the retail food market.  
**Moderator:** Sebastien Pouliot, Iowa State University  
**Presentations:**  
- A Censored Demand System Analysis of Fruits and Vegetables by Different Income Groups Using Micro Data  
  Luyuan Niu and Michael K. Wohlgenant, North Carolina State University  
- Price Dynamics in Food-energy Market in China  
  Juan Yang, Peking University; David J. Leatham, Texas A&M University  
- Social Networks and New Product Choice  
  Timothy J. Richards, Arizona State University; Stephen F. Hamilton, California Polytechnic State University, San Luis Obispo  
- Consumer Confidence and the 2010 Egg Recall  
  Sebastien Pouliot, Iowa State University  

**2073**  Measuring Risk Attitudes and Preferences  
*Selected Paper Session*  
Presentations in this session focus on understanding market participants' attitudes toward risk and uncertainty. These papers demonstrate innovative techniques to measuring risk attitudes and preferences.  
**Moderator:** Kwansoo Kim, Seoul National University  
**Presentations:**  
- Measures of Risk Attitude and Relation to Market Behavior  
  Jason Franken, Western Illinois University; Joost M. E. Pennings, Maastricht University/Wageningen University; Philip Garcia, University of Illinois at Urbana-Champaign  
- Common Knowledge: Removing Uncertainty in Risk Preference Assessments  
  Thomas W. Sproul, University of Rhode Island  
- The Assessment and Evaluation of Downside Risk: A Quantile Approach  
  Kwansoo Kim, Seoul National University; Jean-Paul Chavas, Bradford L. Barham, and Jeremy D. Foltz, University of Wisconsin  

**2075**  Climate Change and Valuation  
*Selected Paper Session*  
This session focuses on papers related to climate change and policy. Topics include consumer choices, land market impacts, and public preferences for mitigation.  
**Moderator:** Sharon A. Shewmake, University of California, Davis  
**Presentations:**  
- Climate Change Impacts on U.S. Migration and Household Location Choice  
  Qin Fan, Penn State University; Allen Klaiber, The Ohio State University; Karen Fisher-Vanden, Penn State University  
- Climate Change, Vegetation, and Welfare: Estimating the Welfare Loss to Landowners of Marginal Shifts in Blue Oak Habitat  
  Peter H. Howard, University of California, Davis  
- Public Preferences, Attitudes and Choices toward Climate Change Policies in Spain: A Hybrid Mixture Model  
  W. Michael Hanemann, University of California, Berkeley; Xavier Labandeira, Universidade de Vigo; Maria L. Loureiro, Universidade de Santiago de Compostela  
- Carbon Labeling for Consumer Food Goods  
  Sharon A. Shewmake, University of California, Davis; Abigail M. Okrent, USDA-Economic Research Service; Lanka Thabrew and Michael Vandenbergh, Vanderbilt University
Concurrent Sessions—Tuesday, 4:00 pm–5:30 pm

2076  International Consumers and Markets
Washington State Convention Center, Room 607

Selected Paper Session
This session is truly international with markets and consumers from Nicaragua, Korea, India, and Ghana being studied. Producers’ decisions with regard to marketing are evaluated, as well as consumers’ attitudes about food production.

Moderator: Ting Meng, University of Georgia
Presentations:
Tomato Farmers and Modern Markets in Nicaragua: A Duration Analysis
Ricardo A. Hernandez and Thomas A. Reardon, Michigan State University
Optimal Bidding Strategy in an Agriculture Commodity Auction in Southern India
S. Aaron Hegde, Daniel Betancourt, and Christina Rico, California State University, Bakersfield
Characteristics of Females in Urban Korea that Influence Attitudes toward Food Production Practices
Padmanand Madhavan Nambiar and Wojciech J. Florkowski, University of Georgia; Dong-Kyun Suh, Rural Development Administration, Republic of Korea
Food Expenditures and Income in Rural Households in the Northern Region of Ghana
Ting Meng and Wojciech J. Florkowski, University of Georgia; Shashidhara Kolavalli, International Food Policy Research Institute; Mohammed Ibrahim, Fort Valley State University

2077  Impacts of Biofuels Policies in the United States and Brazil
Washington State Convention Center, Room 608

Selected Paper Session
In the last decade, the biggest driver of change in agriculture has been government policies promoting biofuels. As of December 31, 2011, the United States let its ethanol subsidy expire. This session focuses on the impact of changes in biofuel policies in the United States and the impacts of biofuel policies on agricultural sectors in the United States and Brazil.

Moderator: Constanza Valdes, USDA-Economic Research Service
Presentations:
Optimal Ethanol Policies for the United States in a General Equilibrium Framework
Kristen Cooper, Harry de Gorter, and Dusan Drabik, Cornell University
An Empirical Assessment of Simultaneous Ethanol Policy Changes on U.S. Agricultural Markets
Anton Bekkerman, Montana State University; James A. Brown, Cargill, Inc.; Joseph A. Atwood and Myles J. Watts, Montana State University
The Long-run Impacts of Ethanol Subsidies and Ethanol Expansion on the U.S. Corn and Pig Sectors
Jacinto F. Fabiosa, Iowa State University
Assessing Brazil’s Biofuel Industry Impacts on Land Use, Crops, and Livestock Production
Constanza Valdes, USDA-Economic Research Service; Kim C. Hjort, Economic Analysis Systems; Ralph M. Seeley, USDA-Economic Research Service; Heloisa Lee Burnquist, University of São Paulo
Concurrent Sessions—Tuesday, 4:00 pm–5:30 pm

2078  Federal Nutrition Assistance Policy
Washington State Convention Center, Room 609

Selected Paper Session
This session features a collection of papers that study important federal nutrition support programs. Several studies look at the effects on health, food security, and diet quality.

Moderator: Joseph William Levedahl, USDA-Economic Research Service

Presentations:
- Are National School Lunch Program Participants More Likely to Be Obese?
  Janet G. Peckham and Jaclyn D. Kropp, Clemson University
- The Effect of Supplemental Nutrition Assistance Program on Food Spending Among Low-income Households
  Tidlaya Boonsaeng and Carlos E. Carpio, Clemson University; Chen Zhen, RTI International; Abigail M. Okrent, USDA-Economic Research Service
- SNAP and Food Insecurity Dynamics: Using Intra-annual Measurements
  Bradford F. Mills, Virginia Tech; Elton Mykerezi, University of Minnesota; Yiran Li, Virginia Tech
- Net Taxpayer Cost of Providing WIC Infant Formula
  Joseph William Levedahl and Albert J. Reed, USDA-Economic Research Service

2079  Food Safety Studies on Meat and Seafood
Washington State Convention Center, Room 611

Selected Paper Session
Two presentations will address food safety issues of meat and seafood products. Furthermore, this session will provide a comparative view of current food demand issues in North America and selected regions within the United States.

Moderator: Emily A. Blunt, Texas A&M University

Presentations:
- Food Safety and the Demand for Meat Products
  Elina Tselepidakis, University of Maryland
- The Effect of Consumers’ Trust on Their Stated Responses to Food Safety Incidents: Case of Meat in Canada and the United States
  Violet Muringai and Ellen W. Goddard, University of Alberta
- Econometric Analysis of Maine’s Mercury Advisory
  Haley M. Englerth, Mariano F. Teisl, Caroline Noblet, and Kathleen P. Bell, University of Maine; Eric Frohberg, Karyn Butts, and Andrew Smith, Maine Center for Disease Control and Prevention
- Protection Motivation Theory and Consumer Willingness to Pay for Processed Gulf Oysters
  Emily A. Blunt and Richard T. Woodward, Texas A&M University

2080  Graduate Student Extension Competition Winners’ Presentations
Washington State Convention Center, Room 612

Extension Section and GSS Track Session
The Extension and Graduate Student sections of the AAEA will conduct a competition for graduate students on Extension programs. This competition involves Extension and Outreach applications, plans, and programs as developed by the graduate student competitors. A main purpose of the competition is to encourage graduate students to include in their professional education some appropriate and well developed Extension relevant analysis and planning related to their overall program. The winners of this competition will present during this session.

Organizers: Margaretha V. Rudstrom, University of Minnesota at Crookston; Brian R. Williams, Oklahoma State University

Moderators: Brian R. Williams, Oklahoma State University; Margaretha V. Rudstrom, University of Minnesota at Crookston

2081  Intrahousehold Resource Allocation
Washington State Convention Center, Room 613

Selected Paper Session
This session explores issues related to intrahousehold resource allocation with focus on education of women and children.

Moderator: Carolina Castilla, Colgate University

Presentations:
- Schooling Achievement amongst Zimbabwean Children during a Period of Economic Chaos, 2001–2007/8
  Catherine Larochelle and Jeffrey Alwang, Virginia Tech
- Empowering Women through Education and Influence: An Evaluation of the Indian Mahila Samakhya Program
  Eeshani Kandpal, World Bank; Katherine R. Baylis and Mary P. Arends-Kuenning, University of Illinois at Urbana-Champaign
- Intrahousehold Allocation under Asymmetric Information: Different Incentives to Hide Money between Spouses in Rural Ghana
  Carolina Castilla, Colgate University; Thomas Walker, World Bank
Concurrent Sessions—Tuesday, 4:00 pm–5:30 pm

2082  Trade and Developing Countries
Washington State Convention Center, Room 614

Selected Paper Session
The papers in this session contribute to our understanding of international trade in a globalizing economy. Each of the papers deals directly or indirectly with some aspect of trade impacts for developing countries.

Moderator: Ian Coxhead, University of Wisconsin

Presentations:
- Effect of Tariff Liberalization on Mexico’s Income Distribution in the Presence of Migration
  Katherine R. Baylis, University of Illinois at Urbana-Champaign
- China’s Small-scale Hog Production and Implications for Trade: Evidence from a Farmer Survey
  Qingbin Wang, University of Vermont; Guangcuan Zhang, Penn State University
- Agricultural Trade Bias in Exchange Rate Volatility Effect Estimation: An Application of Meta-regression Analysis
  John D. Wesley, Xuan Shen, Sheng Li, and Norbert L.W. Wilson, Auburn University
- Trade and Productivity Growth in African Manufacturing
  Ian Coxhead and Jeremy D. Foltz, University of Wisconsin; Tewodaj Mogues, International Food Policy Research Institute

2083  Biofuels
Washington State Convention Center, Room 615

Selected Paper Session
This group of papers considers various aspects of biofuels, including economic feasibility, carbon emissions, and environmental outcomes.

Moderator: Wallace E. Tyner, Purdue University

Presentations:
- Market Extent for Bioenergy Products: An Analysis Using Weekly Price Data
  Ruth A. Aisabokhae, Padmaja Pancharatnam, and Somali Ghosh, Texas A&M University
- Economic Costs and Environmental Performance for Three Cellulosic Biofuel Pathways
  Sajeev E.M., Tianyun Ji, Wallace E. Tyner, and Ben Gramig, Purdue University
- Induced Land Use Emissions Due to the First and Second Generation Biofuels and Uncertainty in Land Use Emission Factors
  Wallace E. Tyner and Farzad Taberkopour, Purdue University

2084  Production Economics
Washington State Convention Center, Room 616

Selected Paper Session
The papers in this session address important issues in the economics of agricultural production.

Moderator: Simone Pieralli, University of Maryland

Presentations:
- Off-farm Employment and Farming Efficiency in Modern Agriculture: A Dynamic Panel Model Approach
  Hilda M. Bjørnsen, Norwegian Agricultural Economics Research Institute, Norway; Ashok K. Mishra, Louisiana State University
- Application of Comparative Dynamics in Stochastic Invasive Species Management in Agricultural Production
  Liang Lu and Levan Elbakidze, University of Idaho
- Economic Efficiency Adjusted for Risk Preferences
  Elizabeth A. Yeager, Purdue University; Michael R. Langemeier, Kansas State University
- Sources of Agricultural Yield Difference
  Simone Pieralli, University of Maryland

2085  Biotechnology Adoption and Assessment of Research Programs
Washington State Convention Center, Room 617

Selected Paper Session
The first three papers in this session pertain to crop and livestock technology adoption. The fourth paper provides an assessment of research programs.

Moderator: Lin Qin, Oregon State University

Presentations:
- Sub-therapeutic Antibiotics and the Efficiency of U.S. Hog Farms
  Nigel D. Key and William D. McBride, USDA-Economic Research Service
- Ex-ante Impact Assessment of a Combination Drought- and Submergence-tolerant Rice Variety in the Presence of Climate Change
  Khondoker A. Mottaleb, International Rice Research Institute; Roderick M. Rejesus, North Carolina State University; Samarendu Mohanty and Tao Li, International Rice Research Institute
- Individual and Social Learning in Biotechnology Adoption: The Case of GM Corn in the United States
  Do-il Yoo, University of Wisconsin
- Econometric Assessment of Research Programs: A Bayesian Approach
  Lin Qin and Steven T. Buccola, Oregon State University
Concurrent Sessions—Tuesday, 4:00 pm–5:30 pm

2086  Biofuels Policy and Agriculture
Washington State Convention Center, Room 618

Selected Paper Session
This session explores the efficiency of biofuel policy, the implicit price for corn ethanol as a result of current policy, and the dynamic properties of an optimal subsidy policy.

Moderator: Rocio Uria-Martinez, Oak Ridge National Laboratory

Presentations:
The Shadow Price of GHG Reduction in Corn Ethanol Plants
Kassu Wamisho, University of Nebraska
A Theory of Dynamic Optimal Biofuel Tax Credit
Fanglin Ye, University of Illinois at Urbana-Champaign; Liang Lu and Xiaoxue Du, University of Idaho
Improvement of GTAP Cropland CET Nesting Structure for Impact Evaluation of Cellulosic Biofuels Industry under RFS2
Liang Li, Wallace E. Tyner, and Farzad Taherpour, Purdue University
Advanced Biofuels System Configuration in the United States: Cost and Performance Tradeoffs
Rocio Uria-Martinez and Paul N. Leiby, Oak Ridge National Laboratory

2087  Climate Change and the Agricultural Sector
Washington State Convention Center, Room 619

Selected Paper Session
This session explores the adaptation to and impacts of climate change on the agricultural sector and farm/industry behavior.

Moderator: Carol A. Jones, USDA-Economic Research Service

Presentations:
Regional Economic and Environmental Impacts of Agricultural Adaptation to a Changing Climate in the United States
Scott A. Malcolm, Elizabeth Marshall, Marcel P. Aillery, Paul W. Heisey, Mike Livingston, and Kelly Day-Rubenstein, USDA-Economic Research Service
Cognitive Heuristics and Farmers’ Perceptions of Risks Related to Climate Change
Luisa Menapace, University of Trento; Gregory J. Colson, University of Georgia; Roberta Raffaelli, University of Trento
New Uses of Old Tools: An Assessment of Current and Potential GHG Mitigation with Agricultural Sector Policies
Carol A. Jones, Cynthia J. Nickerson, and Paul W. Heisey, USDA-Economic Research Service

2088  How Rural Communities Grow and Prosper
Washington State Convention Center, Room 620

Selected Paper Session
Presentations include the impact of mandated biofuels on food prices and wages, using social networks to improve farmers’ income, the impact of higher education on economic growth, and factors affecting incomes of the self-employed.

Moderator: David Brian Willis, Clemson University

Presentations:
Energizing Livelihoods: The Impact of the Biofuel Act in the Philippines
Jessica Georges, University of Florida
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