

CONCURRENT SESSIONS, SUNDAY 3:00 PM-4:30 PM

Sunday, July 25, 2010

3:00 PM-4:30 PM

1001 Continuing the Tradition: Employing Tested and Emerging Economic Tools in Framing Sustainability Challenges for a Global Economy

Plaza Building, Concourse Level, Plaza Court 1

AEM Section and CWAE Track Session

The two papers in this session contribute to celebrating the association's scholarship and leadership in defining, analyzing, and providing solutions to complex socio-economic problems affecting the agri-food sector over the past century. They also identify emerging economic theories and tools that can enhance the association's continuous facilitation of challenging problems involving multiple stakeholders engaged in complex and global challenges, such as climate change and sustainability.

Organizer: Vincent Amanor-Boadu, Kansas State University

Moderator: Conrad Lyford, Texas Tech University

Discussant: Gregory Baker, Santa Clara University; David Sparling, University of Western Ontario

Presentations:

The Search for Congruent Objectives in Multi-stakeholder Sustainability Initiatives

Vincent Amanor-Boadu, Kansas State University; R. Ross, Michigan State University

The Governance of Multi-stakeholder Initiatives: A New Institutional Economics Approach

Fabio Chaddad, Michael Sykuta, and Paula Moura, University of Missouri

1002 Jobs, the Rural Economy, and Economic Recovery

Plaza Building, Concourse Level, Plaza Court 2

CENET Track Session

We examine two interrelated issues: trends in the rural economy and labor markets, and the effects of specific public policies aimed at job creation and economic development. A description of trends in rural labor markets will place the current recession in the context of recessions since the 1980s. An analysis of the declining manufacturing industry, a large rural employer in the past, will indicate what future manufacturing may have in rural communities. Analyses of public policy interventions, specifically the Delta Regional Authority and the American Recovery and Reinvestment Act, will describe what economic conditions occur when these policies are implemented.

Organizer: Alexander W. Marre, USDA-Economic Research Service

Moderator: Daniel Monchuk, University of Southern Mississippi

Discussant: David Shideler, Oklahoma State University; Mark Partridge, The Ohio State University

Presentations:

Multi-sector Transition in Local Economies: A Regional Adjustment Model

Jason Brown, USDA-Economic Research Service; Dayton Lambert, University of Tennessee

Impacts of Regional Approaches to Rural Development: Initial Evidence on the Delta Regional Authority

John L. Pender and Richard Reeder, USDA-Economic Research Service

Spatial Variation and Labor Market Effects of the Recession and the American Recovery and Reinvestment Act

Alexander W. Marre and John L. Pender, USDA-Economic Research Service; Daniel Monchuk, University of Southern Mississippi

1003 Evaluation—Measuring the Impact of Food Safety and Nutrition Policy

Plaza Building, Concourse Level, Plaza Court 3

FSN Section Track Session

This session takes stock of what we "know" about what works in influencing food safety and nutrition and provides a forum to share information on what is being done on evaluation of new and existing policy initiatives. Participants from federal and state governments will share their experiences in program evaluation and discuss common themes in defining objectives and measuring outcomes. The role of economics in the process will be highlighted in the presentations.

Organizer: Victoria Salin, Texas A&M University

Moderator: Victoria Salin, Texas A&M University

Presentations:

GAO's Approach to Evaluating Federal Programs in Food Safety
Lisa Shames, Alfredo Gomez and, David Bennett, U.S. Government Accountability Office

Evaluation of School Nutrition Policy

Phillip Gleason, Mathematica Policy Research

Using a Balanced Scorecard to Evaluate a State Food Quality and Safety Program

Timothy Herrman, Office of the Texas State Chemist; Peggy Wantwadi, Texas A&M University

Program Evaluation Components of the United Kingdom Food Standards Agency's 5-Year Strategic Plan

Derrick Jones, U.K. Food Standards Agency

1004 Deep Water Horizon Oil Spill: Perspectives on Research and Extension Needs

Plaza Building, Concourse Level, Plaza Court 4

AAEA Organized Symposium

The magnitude of the Deep Water Horizon Oil Spill is yet to be determined, but the Cooperative Extension Service and departmental and Gulf States marine economists have mobilized to assist in understanding the disaster. Extension groups are offering business claims assistance and financial counseling, and resource economists are working on various aspects of the problem. Large damages are expected for commercial seafood and fishery, recreational fishing, coastal households, parish governments, schools, businesses, and tourism. Presenters will introduce the audience to current issues in research and extension, and provide a perspective from past research experiences.

Organizer: Ron Mittelhammer, Washington State University; Lisa House, University of Florida

Moderator: Gail Cramer, Louisiana State University

Presentations:

Introduction: Overview of the Catastrophe

Gail Cramer, Louisiana State University

Research Needs and Disaster Resiliency, Impacts on Local Communities

J. Matthew Fannin, Louisiana State University

Extension Needs and a Marine Economist's Perspective

Charles Adams, University of Florida

Lessons Learned from Research on the Valdez Oil Spill

Alan Randall, The Ohio State University

CONCURRENT SESSIONS, SUNDAY 3:00 PM-4:30 PM

1005 What Is Next for NAFTA: Unresolved Issues

Plaza Building, Concourse Level, Plaza Court 5

Senior Section Track Session/CAES Organized Symposium

The original NAFTA agreement is now fully implemented. However, a number of issues remain that require special attention if the free trade objectives of NAFTA are to be realized. The purpose of this organized symposium is to provide a three-country perspective on three key issues: 1) bioenergy and climate change policy; 2) sanitary and phytosanitary issues; and 3) NAFTA's structural issues. Each of the issues will be introduced by an economist from Canada, Mexico, or the United States. Following this introduction, reactions will be given by an economist from each of the other countries.

Organizer: Ronald Knutson, Texas A&M University; Karl Meilke, University of Guelph

Moderator: Ronald Knutson, Texas A&M University

Discussant: Pablo Sherwell, SAGARPA; Glenn Fox, University of Guelph; Mechel Paggi, California State University, Fresno; Ronald Knutson, Texas A&M University; Karl Meilke, University of Guelph

Presentations:

An Overview of U.S. Bioenergy and Climate Change Policy
Joe Outlaw, Texas A&M University

An Overview of the Remaining Sanitary and Phytosanitary Issues
Jared Carlberg, University of Manitoba

Resolving NAFTA's Structural Issues
Steven Zahniser, USDA-Economic Research Service

1006



USDA/Land Grant Extension Outlook Program and Role of Farm Management

Plaza Building, Concourse Level, Plaza Court 6

Extension Section and Senior Section Track Session

In the early years, state farm management specialists and county extension agents were assisted by the USDA in delivering outlook information to farmers. Later, other land grant extension specialists became involved including those in policy and marketing. Reasons for the program's success and implications for the future will be explored. An assessment will be made of the 32-year history of the Extension Section's Annual Outlook Survey providing empirical information for risk management. In support of the outlook program, there will be a review of the history of farm management research.

Moderator: James Hilker, Michigan State University

Presentations:

History of the USDA/Land Grant Extension Outlook Program
Jake Ferris, Michigan State University

Evaluation of 32 Years of Extension Section's Annual Outlook Survey
Ronald Plain, University of Missouri

Current Issues and Prospects for the Outlook Program
James Hilker, Michigan State University

History of Farm Management Research
Jean-Paul Chavas, University of Wisconsin

1007 Agricultural Economic Statistics: A Century of Contributions to Data Development and an Academic Profile of the Profession

Plaza Building, Concourse Level, Governor's Square 9

AAEA Organized Symposium

Agricultural and applied economists have made significant contributions to the development of economic statistics over the past century, which have been used in economic research, policy making, and implementing government programs. The first paper highlights some of the most important contributions during the last century, and describes future areas where applied economists can be expected to contribute. The second presents statistical profile of the academic side of the agricultural economics profession indicating how the profession is configured at present, how AAEA membership has changed over the last 10-15 years, and demographic projections of academic employment over the next five-ten years.

Moderator: Thomas Marsh, Washington State University

Presentations:

Economic Statistics for Agriculture and Rural Areas: Building On a Century of Progress

Mary Ahearn, USDA-Economic Research Service

Agricultural Economics: A Profile and Projections for the Future
Gregory Perry, Oregon State University

1008 Risk Management in the Light of the Changing CAP

Plaza Building, Concourse Level, Governor's Square 10

EAAE Organized Symposium

Three papers will be presented in this symposium to set the stage for the discussion and for providing insights into new research questions and methods for analyzing the issues raised above. The first paper highlights risk exposure issues. The second paper builds on this and stresses the impact of climate change. The third paper focuses on risk management from a policy perspective. The discussion is going to be stimulated by Barry Barnett. Monika Hartmann, the president of the EAAE, will moderate the session.

Moderator: Monika Hartmann, University of Bonn

Discussant: Barry Barnett, Mississippi State University

Presentations:

Changing Risk Exposure in EU Agriculture
Miranda PM Meuwissen, Wageningen University

Insurance and Climate Change within the EU and the CAP
Maria Bielza, Universidad Politécnica de Madrid

Risk Management in European Agriculture
Carina Folkesson, General for Agriculture and Rural Development European Commission

CONCURRENT SESSIONS, SUNDAY 3:00 PM-4:30 PM

1009 Are Historical Estimates of Food Demand in China Good Guides to Future Demand?

Plaza Building, Concourse Level, Governor's Square 11

AAEA Organized Symposium

China, a fast-growing and already large economy with an aging and urbanizing population, is a critically important player in world agricultural commodity markets. Analysis of Chinese or even world markets depend on our understanding of its food demand, but the applicability of past studies conducted using old data to current or future problems might be jeopardized by rapid changes in income and demographics. Preliminary research assesses the usefulness of historical studies of Chinese demand taking these factors into account. Our session is relevant for analysis of agricultural markets and policies of China and for understanding global commodity markets.

Organizer: Wyatt Thompson, University of Missouri

Moderator: Wyatt Thompson, University of Missouri

Presentations:

Trends in Chinese Food Demand

Fred Gale, USDA-Economic Research Service

Evolution of China's Demands with Rising Income and Changing Demographics

David Abler, Pennsylvania State University

Towards a Demand Function Incorporating Population Structure

Funing Zhong, Nanjing Agricultural University

Engel Analysis of Food Demand in China

Kuo Huang, USDA-Economic Research Service

1010 Quantifying the Determinants of Land Values: The Impacts of Irrigation, Recreational Amenities, and Off-farm Income

Plaza Building, Concourse Level, Governor's Square 12

AAEA Organized Symposium

The first two papers of this session utilize parcel level land sale transaction data along with geographic information system data and analyses to improve hedonic price models. The third paper improves land valuation estimates by dealing with spatial correlation through a distributed relationship and spatial quantile regression. The discussant is involved in conducting and analyzing land value surveys in the Midwest for the Federal Reserve.

Discussant: Jason Henderson, Federal Reserve Bank of Kansas City

Presentations:

Does off-Farm Income Influence Farmland Values? Spatial Quantile Analysis

Ashok Mishra, Louisiana State University; Saleem Shaik, North Dakota State University; Charles Moss, University of Florida

The Implicit Value of Irrigation through Parcel Level Hedonic Price Modeling

Steven Shultz, University of Nebraska at Omaha

The Effects of Scenic and Environmental Amenities on Agricultural Land Values

Don McLeod, University of Wyoming

1011 Copulas: How to Better Model Dependent Random Variables

Plaza Building, Concourse Level, Governor's Square 14

ARA Section and Econometrics Section Track Session

The session will explain copulas and their potential use in agricultural economics research. Copulas provide a theoretically based way to model dependence among multiple random variables with marginal densities of general form. The target audience of the session is anyone who wants to learn about copulas.

Organizer: B. Wade Brorsen, Oklahoma State University; Dmitry Vedenov, Texas A&M University

Moderator: Gabriel Power, Texas A&M University

Presentations:

Introduction to Copulas

B. Wade Brorsen, Oklahoma State University

Practical Aspects of Working with Copulas: Modeling, Estimation, and Programming

Dmitry Vedenov, Texas A&M University

Modeling Dependence Using Copulas: Applications to Insurance

Barry Goodwin, North Carolina State University

1012 Border Inspections and Import Refusals in Agri-food Trade: Issues and Empirical Evidence

Plaza Building, Concourse Level, Governor's Square 15

AAEA Invited Paper Session

This session contributes to emerging aspects of the barriers-to-trade debate that have not been previously addressed in the agricultural economics literature. Specifically, speakers will address four policy questions related to food import alerts and refusals:

1) Evidence: How does the FDA monitor and oversee regulatory concerns (e.g. food safety) of imported agri-food products? How frequently do import alerts and refusals occur in the data? 2) Quantification: How can we quantify the impact of food import refusals on international trade patterns? and 3) Trade Patterns: How and to what extent do import refusals in the United States and EU "deflect" trade to third country markets?

Organizer: Sven Anders, University of Alberta

Moderator: Julie Caswell, University of Massachusetts Amherst

Discussant: David Orden, International Food Policy Research Institute

Presentations:

Food Trade and Food Safety Violations: What Can We Learn from Import Refusal Data?

Donna Roberts and Jean Buzby, USDA-Economic Research Service

Food Import Refusals: Evidence from European Union

Kathy Baylis, Lia Nogueira, and Kathryn Pace, University of Illinois at Urbana-Champaign

Trade Deflection Arising from U.S. Food Import Refusals and Detentions: A Case Study of Seafood Trade

Jason Grant, Virginia Tech

CONCURRENT SESSIONS, SUNDAY 3:00 PM-4:30 PM

1013 **Applied Economic Perspectives and Policy: Lessons Learned in the First Year and a Forecast for the Future**

Plaza Building, Concourse Level, Governor's Square 16

AAEA Organized Symposium

AAEA is giving attendees an update on and review of AAEA's new journal *Applied Economic Perspectives and Policy* (AEPP) in this session. This session was created specifically for those interested in publishing in the new journal and will give members the opportunity to interact with a representative from Oxford University Press, as well as the editors of AEPP.

Discussant: Jason Shogren, University of Wyoming

Presentations:

Overview of the First Year and a Forecast for the Future: Applied Economic Perspectives and Policy

Spiro Stefanou, Pennsylvania State University

Review of AEPP Submitted Articles

Tomislav Vukina, North Carolina State University

Review of AEPP Featured Articles

Ian Sheldon, The Ohio State University

Featured Article Presentation: Power and Pitfalls of Experiments in Development Economics: Some Non-Random Reflections

Christopher B. Barrett, Cornell University

1014 **Chinese Agricultural Commodity Price and Demand, and Their Implications to Trade with United States**

Plaza Building, Concourse Level, Governor's Square 17

China Section Track Session

China is an emerging market for U.S. agricultural commodities. This market is growing fast in oil and protein types of food and feed. The United States has been a net supplier of soybeans, pork, and dairy products in Chinese market. Chinese consumer preference and price are important factors that affect the size of U.S. exports. This session will have four papers, all of which are focused on demand, price, and trade issues of commodities that the United States has a comparative advantage in producing.

Moderator: Hong Wang, Purdue University

Discussant: Wuyang Hu, University of Kentucky; James Hansen, USDA-Economic Research Service; Mary Marchant, Virginia Tech

Presentations:

Willingness-to-Pay for Traceable Pork, Milk, and Edible Oil in Nanjing, China

Thomas Wahl, North Dakota State University

Measuring Heterogeneity in Consumer Preferences for Select Food Safety Attributes in China

Hong Wang, Purdue University

China's Soybean Imports—Price Impacts Using a Production System Approach

Wei Chen, Shanghai University of Finance and Economics

Decomposing Trade: The Case of China in Global Markets

Francis Tuan, USDA-Economic Research Service

Monday, July 26, 2010

10:15 AM-11:45 AM

2001 **Healthy Food or Healthy People? How Do Food and Nutrition Assistance Programs Contribute to the Health of Low Income Americans?**

Plaza Building, Concourse Level, Plaza Court 1

FSN Section Track Session

The connection between food and nutrition assistance programs and the health characteristics of participants will be highlighted in this session. There are two pathways to consider between these programs and health, both of which the session addresses. First, individuals with poor health status and different levels of health knowledge may be more likely to select into food assistance programs. Second, participation in the program may confer health benefits (or health costs) on the participants.

Organizer: Chad Meyerhoefer, Lehigh University

Presentations:

Nutritional Labeling Usage and Nutrition Intake Portfolio of Participants in Supplemental Nutrition Assistance (SNAP)

Wen You and Ge Zhang, Virginia Tech

Do Food Stamps Contribute to Obesity in Low-income Women?

Maoyong Fan, Ball State University

Partially Identifying the Effect of the Free School Lunch Program on Child Health Using the Monotone Instrumental Variable Assumption

Craig Gundersen, University of Illinois at Urbana-Champaign; John Pepper, University of Virginia; Brent Kreider, Iowa State University

The Effect of Chronic Illness on Participation in the Supplemental Nutrition Assistance and Medicaid Programs

Chad Meyerhoefer and Yuriy Pylypchuk, Lehigh University

2002 **U.S. Agricultural Trade**

Plaza Building, Concourse Level, Plaza Court 2

AAEA Selected Paper Session

The four presentations in this session focus on different issues related to U.S. agricultural trade. The first presentation investigates how regional trade agreements have affected U.S. trade flows. In the second presentation, the authors analyze the trade and welfare implications of expanding quotas and reducing over-quota tariff rates applicable on U.S. raw sugar cane imports. Then, the third presentation investigates empirically the political economy of restrictions imposed by the U.S. on the imports of Canada softwood. The last presentation examines the effects of exchange rate fluctuations on U.S. agricultural exports and imports.

Moderator: William Amponsah, Georgia Southern University

Presentations:

The New Wave of Regionalism: Does Outsider Status Affect the Competitiveness of U.S. Agricultural Exports?

Jason Grant, Virginia Tech; Thomas Vollrath, USDA-Economic Research Service

Trade Liberalization in the Context of TRQs: An Application to the U.S. Raw Sugar Sector

Birgit Meade, USDA-Economic Research Service; Jason Grant, Virginia Tech; Anita Regmi, USDA-Economic Research Service

Political Pressure: An Examination of U.S. Senators in Restricting Canadian Softwood Lumber Imports

Joseph Godwin and Daowei Zhang, Auburn University

How Sensitive Is U.S. Agricultural Trade to the Bilateral Exchange Rate? Evidence from Bulk and Consumer-oriented Products

Jungho Baek, University of Alaska; Won Koo, North Dakota State University

2003



Ever Changing AAEA Research Challenges

Plaza Building, Concourse Level, Plaza Court 3

Senior Section Track Session

This session is based on the lead article that appeared in the Special Centennial Issue of the *AJAE*. The session will describe how the research agenda of agricultural and applied economists changed over the past century and note the major factors that lead to the increasing breadth and depth of the research agenda over time. The final section of the presentation describes a broad set of economic, social and public policy issues arising from some of the current conditions facing society that will provide major challenges for agricultural and applied economists for many years to come.

Organizer: Vernon Eidman, University of Minnesota

Moderator: Vernon Eidman, University of Minnesota

Discussant: Sandra Batie, Michigan State University; Kenneth Farrell, University of California

Presentations:

The Major Factors Influencing the Research Agenda for the Past Century

Alex McCalla, University of California, Davis

What Does the Past and Present Research Agenda Suggest for the Future?

Emery Castle, Oregon State University

2004 Advances in Transaction Cost Measurement for Environmental and Natural Resources Policy

Plaza Building, Concourse Level, Plaza Court 4

IBES Track Session

Transaction costs are not usually included in policy evaluation. Incorporating them may change the optimal amount of pollution control, the optimal resource allocation, or the choice of policy instrument. This may be especially true for nonpoint source pollution. To be included in policy evaluation, these costs must be measured. Presenters will discuss their experiences with primary data collection to estimate the transaction costs associated with environmental water transfers, agric-environmental schemes in the EU, and carbon credit trading. Presentations will focus on the advantages and disadvantages of their methods, insights obtained through transaction cost measurement, and selected results.

Organizer: Laura McCann, University of Missouri

Moderator: Laura McCann, University of Missouri

Presentations:

Evaluating the Performance of Emerging Markets for Environmental Flows in the Columbia Basin: A Transaction Costs Approach to Comparative Institutional Analysis

Dustin Garrick, University of Arizona; Bruce Aylward, Ecosystem Economics, LLC

Measuring Private and Public Transaction Costs Involved in the Design and Implementation of Agri-environmental Schemes in the EU

Evy Mettepenningen and Guido Van Huylenbroeck, Ghent University

Measuring Transaction Costs and Land-based Climate Change Mitigation Policy in Developing Countries

Daniel V. Ortega and Andrew Keeler, The Ohio State University

2005

Farm Diversification and Farm Management

Plaza Building, Concourse Level, Plaza Court 5

AAEA Selected Paper Session

The papers in this session analyze farm diversification between farm and non-farm income and assets, diversification of farm production risks, and technology adoption.

Moderator: Ashok Mishra, Louisiana State University

Presentations:

Can Education Be a Barrier to Technology Adoption?

Hiroki Uematsu and Ashok Mishra, Louisiana State University

Determinants of Farm Household Income Diversification in the United States: Evidence from Farm-level Data

Ashok Mishra, Louisiana State University; Kenneth Erickson and Charlie Hallahan, USDA-Economic Research Service; Hiroki Uematsu, Louisiana State University

Multi-period Diversification of Farm Production Risks: A Stochastic Programming Approach

Ryan Larsen, David Leatham, and Dmitry Vedenov, Texas A&M University

Off-farm Income and Risky Investments in Farm and Non-farm Assets: A Double-hurdle Approach

James Harris, USDA-Economic Research Service; Steven Blank, University of California, Davis; Kenneth Erickson and Charlie Hallahan, USDA-Economic Research Service

2006 Vertical Relationships, Contracts, and Business Growth

Plaza Building, Concourse Level, Plaza Court 6

AAEA Selected Paper Session

Contracts and vertical relationships play major roles in the production, processing and distribution of agricultural commodities. This session focuses on these factors for fed cattle and hogs and also examines the problems of market failure and the impact of carbon emissions on agribusiness firms.

Moderator: Michael Boland, Kansas State University

Presentations:

Production Contracts and Farm Business Growth and Survival

Nigel Key, USDA-Economic Research Service

Evaluation of CO2 Emissions by Kansas Agribusiness Retailers

Dominga E. Canales Medina and Michael Boland, Kansas State University

Traceability in the U.S. Food Supply: An Application of Transaction Cost Analysis

Chao-Shih Wang and Jesus Bravo, Arizona State University

2007 Individual Decision Biases, Consumer Choice, and Policy Preferences *Plaza Building, Concourse Level, Plaza Court 7*

AAEA Selected Paper Session

A core theme of behavioral economics is that decision making is prone to biases that can yield suboptimal outcomes, where such anomalies were assumed away in neoclassical treatments of decision making. In this session, authors explore two themes. The first pair of papers considers the ramifications of decisional biases in the context of decisions over consumption goods, including food in the context of obesity and a consumer search in the context of gasoline prices. The second set of papers considers how these biases may affect acceptance of certain agricultural policy approaches, including decoupling and multifunctional agricultural policies.

Moderator: Brian E. Roe, The Ohio State University

Presentations:

Obesity and Hyperbolic Discounting: An Experimental Analysis
Timothy Richards, Arizona State University; Stephen Hamilton, California Polytechnic State University, San Luis Obispo; Geoffrey Pofahl, Arizona State University

Consumer Willingness to Search in the Gasoline Retail Market: Explaining Asymmetric Search
Carolina Castilla and Timothy Haab, The Ohio State University

Is Agricultural Policy Decoupling against Human Nature?
Mariah D. Ehmke, Amy M. Nagler, Dale Menkhaus, and Christopher Bastian, University of Wyoming; Edwin Young, USDA-Economic Research Service

Bivariate Ordered Probit Analysis of Public Attitudes toward Multifunctional Agriculture in the United States
Wanki Moon, Southern Illinois University; Jae Bong Chang, Oklahoma State University

2008 Comparison of Valuation Methods in Resource Management *Plaza Building, Concourse Level, Plaza Court 8*

AAEA Selected Paper Session

This session addresses contemporary valuation methods. By adopting a comparative perspective, the papers in this session speak to the advantages and disadvantages of alternative valuation methods. Collectively, the papers examine a range of goods and services, offering an interesting foundation for broader discussions of valuation methods in resource management.

Moderator: Gregory Poe, Cornell University

Presentations:

Comparison of Approaches to Estimating Demand for Payment for Environmental Services

Monthien Satimanon and Frank Lupi, Michigan State University

A Comparison of Methodologies for Valuing a Reduction in Health Effects from Wildfire Smoke

Leslie A. Richardson and John B. Loomis, Colorado State University; Patricia Champ, U.S. Forest Service

Estimating the Value of Groundwater in Irrigation
Shahnaila Islam and Nicholas Brozovic, University of Illinois at Urbana-Champaign

2009 Advances in Nonmarket Valuation *Plaza Building, Concourse Level, Governor's Square 9*

AERE Session

Considers both conceptual and empirical topics of concern in the area of nonmarket valuation. Fundamental issues are considered regarding the choice of functional-form specification and the treatment of preference uncertainty. Papers also investigate the use of sales versus appraised land values for hedonic estimates of farmland and alternative ways of presenting ecological information in stated-preference surveys.

Moderator: Joseph Herriges, Iowa State University

Discussant: Babatunde Abidoye, Iowa State University; Robert Johnston, Clark University; Subhra Bhattacharjee, Iowa State University

Presentations:

Model Uncertainty and Recreation Demand

Babatunde Abidoye and Joseph Herriges, Iowa State University

Capturing Preference Uncertainty Using Elicited Choice Probabilities

Subhra Bhattacharjee, Joseph Herriges, and Catherine Kling, Iowa State University

Hedonic Valuation of Farmland Using Sale Prices vs. Appraised Values

Shan Ma and Scott Swinton, Michigan State University

Indices of Biotic Integrity in Stated Preference Valuation of Aquatic Ecosystem Services

Robert Johnston and Eric Schultz, Clark University; Kathleen Segerson and Elena Besedin, University of Connecticut

2010 Climate Change and Agriculture *Plaza Building, Concourse Level, Governor's Square 10*

IAAE and IFPRI Organized Symposium

Climate change will have fundamental impact on global agriculture and food security. Agriculture is not only part of the problem as agriculture and deforestation accounts for more than one-third of greenhouse gas emissions, but it could also be part of the solution. This symposium will bring scholars who have worked on the subject to debate how to design policies, strategies, and investment plans to adapt agriculture to the climate change and to use agriculture to mitigate the effect.

Moderator: Keijiro Otsuka, National Graduate Institute for Policy Studies

Discussant: Shenggen Fan, International Food Policy Research Institute

Presentations:

Climate Change and Agriculture: Global Impacts and Costs of Adaptation

Gerald Nelson, International Food Policy Research Institute

Climate Change and Development Strategy in Africa
Channing Arndt, University of Copenhagen

Climate Change, Water and Agriculture in China
Jikun Huang, Center for Chinese Agricultural Policy

CONCURRENT SESSIONS, MONDAY 10:15 AM-11:45 AM

2011 Making Local and Regional Food Systems Successful

Plaza Building, Concourse Level, Governor's Square 11

AAEA Organized Symposium

Localized food systems give producers and food processors not in the industrialized mainstream a market access and jobs contributing needed new revenue to states and communities. Yet data on performance of these systems is scarce. This session identifies common factors contributing to success from case studies of start-up efforts in Colorado and Michigan. This includes the impact of economic and behavioral reasons affecting success. Initial resources such as grants, buyers' interest in varied sourcing, and underutilized infrastructure will be compared with collective marketing contributions of visionary leadership, shared values, and ethnicity, organizational skill, and sweat equity.

Organizer: Julie A. Hogeland, USDA-Rural Development

Moderator: Julie A. Hogeland, USDA-Rural Development

Presentations:

Comparison of Efforts to Establish Local and Regional Food Systems

Dawn Thilmany McFadden, Colorado State University

Developing Marketing Strategies and Knowledge for Hispanic Farmers in the Upper Midwest

Lourdes Martinez and Suzanne Thornsby, Michigan State University

What Makes Collective Marketing Successful in Local Food Systems

Jennifer Keeling-Bond, Colorado State University

2012 Vertical Coordination in the Evolving High Quality Beef Market

Plaza Building, Concourse Level, Governor's Square 12

AAEA Organized Symposium

Panelists will discuss vertical aspects of vertical coordination in the beef industry. Focus will include cow herd production management and genetics, calf market price incentives, costs of producing high quality beef, and retail marketing of high quality beef and premium brands. Together this complete vertical supply chain discussion will provide a comprehensive assessment of how the U.S. beef industry can improve beef quality and enhance consumer demand. Implicit in this overview is an assessment of how the high quality U.S. beef industry can compete in the competitive global protein complex.

Organizer: Ted Schroeder, Kansas State University

Moderator: Ted Schroeder, Kansas State University

Panelist: Joseph Parcell, University of Missouri; Lance Zimmerman, Kansas State University; John Lawrence, Iowa State University; Mark McCully and Larry Corah, Certified Angus Beef, LLC

2013 Has the WTO Constrained Domestic Support Policies?

Plaza Building, Concourse Level, Governor's Square 14

International Section Track Session

The WTO Agreement on Agriculture introduced disciplines on domestic farm policies. This session will examine how effective these constraints have been over the past fifteen years. The aim is to shed light on the relationship between policy reform and WTO obligations in domestic farm policy in the major developed and developing countries. Detailed results will be presented for the United States, EU, Japan, and Norway and for China, India, the Philippines, and Brazil. The session will in addition consider the proposals in the Doha Round of trade talks to cut substantially the level of domestic support.

Moderator: Timothy Josling, Stanford University

Discussant: Joseph Glauber, USDA-Office of the Chief Economist

Presentations:

Domestic Support Obligations 1995–2009: Key Issues for Policy
Lars Brink, Agriculture and Agri-Food Canada

Developed Country Agricultural Policy and WTO Domestic Support Constraints: Where the Shoe Pinches

David Blandford, Pennsylvania State University; Timothy Josling, Stanford University

Developing Countries and Domestic Support: Scope for Expanded Use for Development

David Orden, International Food Policy Research Institute; Munisamy Gopinath, Oregon State University

2014 Methodological Developments and Issues in Experimental Auctions

Plaza Building, Concourse Level, Governor's Square 15

AAEA Invited Paper Session

This session is designed to highlight developments in state of the art experimental methodologies for consumer value elicitation with an overarching focus on empirical tests of the correspondence between theoretical incentive compatibility properties and actual consumer behavior in experiments. In addition to presenting new evidence on the relationship between experimental design, consumer behavior, and valuation biases, session attendees will be provided information in three primary regards: 1) new approaches to eliciting consumers' homegrown values; 2) previously undressed biases that consequentially affect the level and interpretation of value estimates, and 3) recommendations for "best practices" in future empirical studies.

Moderator: Rodolfo M. Nayga Jr., University of Arkansas

Discussant: Gregory Colson, University of Georgia

Presentations:

Are Experimental Auctions Demand Revealing When Goods Have Both Private and Common Value?

Jay Corrigan, Kenyon College; Matthew Rousu, Susquehanna University

The Role of Training in Experimental Auctions

Andreas C. Drichoutis, University of Ioannina; Rodolfo M. Nayga Jr., University of Arkansas; Panagiotis Lazaridis, Agricultural University of Athens

Social Desirability in Traditional and Inferred Valuation Experiments
Jayson Lusk, Oklahoma State University

2015



Agribusiness Economics and Management: 100 Years of Professional Contributions

Plaza Building, Concourse Level,
Governor's Square 16

AEM Section Track Session

This session will focus on "Agribusiness Economics and Management," one of the articles that appeared in the Special Centennial Issue of the *AJAE*. Using an informal panel format without a moderator, the paper's authors will ask each other questions about nine significant areas of contribution to agribusiness scholarship by members of our profession. The discussion will emphasize what the authors learned in preparing the paper and what that learning means for agribusiness scholars and scholarship. A significant portion of the session will be reserved for questions and comments from the audience.

Panelist: Michael Boehlje, Purdue University; Michael Cook, University of Missouri; Steven Sonka, University of Illinois at Urbana-Champaign

Discussant: Robert P. King, University of Minnesota

2016

Examining the Effects of Trade Policies Applied to Horticultural Markets

Plaza Building, Concourse Level, Governor's
Square 17

COSBAE and FAMPS Track Session

International markets for agricultural products are often subject to a range of trade barriers, and horticultural products are no exception. Outside of WTO research regarding U.S. apples non-tariff barriers, there has been little empirical work examining the effects of horticultural trade policies. Understanding the implications of sanitary and phytosanitary (SPS) trade barriers applied to horticultural markets is an area that remains understudied yet important given the volume of horticultural products traded internationally. This session focuses on the economic implications of horticultural trade barriers, SPS issues/measures applied to horticultural products, and explores new techniques for evaluating the impacts of SPS regulations.

Organizer: Bradley Rickard, Cornell University

Moderator: Blondel A. Brinkman, USDA-Animal and Plant Health Inspection Service

Presentations:

Policy Issues for Horticultural Product Markets: Where We Were, Where We Are Now, and What Is Ahead

Mechel Paggi, California State University, Fresno

Are SPS Always Barriers to Trade? The Interaction Effect between Increased Consumer Confidence and Increased Costs

Lan Liu, University of Minnesota

Revenue and Welfare Effects of Sanitary and Phytosanitary Barriers to Trade on Apples

Lia Nogueira, University of Illinois at Urbana-Champaign

The Impact of Tariffs and Phytosanitary Barriers on International Trade Patterns of Fresh Fruit Products

Bradley Rickard, Cornell University

2017

Consumer Preference, Marketing, and Brand Choice of Beef Products

Tower Building, Terrace Level, Beverly Room

AAEA Selected Paper Session

This session includes the following topics: consumer preference for U.S. beef products are systematically investigated through meta analysis; the factors that influence the price premiums for cattle and beef products are explored; and the U.S. consumers' choice of beef brands are identified.

Moderator: Glynn Tonsor, Kansas State University

Presentations:

Influence of Beginning Body Condition Scores on Net Returns from Feeding Cull Cows

Zakou Amadou and Kellie Curry Raper, Oklahoma State University; Jon T. Biermacher and Billy Cook, Samuel Roberts Noble Foundation; Clement Ward, Oklahoma State University

Consumer Preferences for the U.S. Beef Products: A Meta Analysis

Xiaohua Yu, Georg-August-Universität Göttingen; Zhifeng Gao, University of Florida

Factors Influencing Marketing Margins in Cattle and Beef Markets

Adrian Harri, Mississippi State University John Anderson, American Farm Bureau Federation; John Riley, Mississippi State University

2018

Biofuel Policy

Tower Building, Mezzanine Level, Century Room

AAEA Selected Paper Session

Biofuel policy has important implications for food and energy markets and land use. This session examines the welfare and market impacts of biofuel policy domestically and internationally.

Moderator: Harry de Gorter, Cornell University

Presentations:

Meeting the Mandate for Biofuels: Implications for Land Use and Food and Fuel Prices

Xiaoguang Chen, Haixiao Huang, Madhu Khanna, and Hayri Onal, University of Illinois at Urbana-Champaign

Welfare Impacts of Alternative Biofuel and Energy Policies

Jingbo Cui, Harvey Lapan, and GianCarlo Moschini, Iowa State University; Joseph Cooper, USDA-Economic Research Service

The French Biodiesel Production: An Assessment of the Impacts and Interaction Effects of Policy Instruments

Virginie Doumax, Paul Cezanne University

Global Implications of U.S. Biofuels Policies in an Integrated Partial and General Equilibrium Framework

Dileep K. Birur and Robert H. Beach, RTI International; Thomas W. Hertel, Purdue University; Bruce McCarl, Texas A&M University

CONCURRENT SESSIONS, MONDAY 10:15 AM-11:45 AM

2019 Rural Development Policy Session

Tower Building, Mezzanine Level, Colorado Room

AAEA Selected Paper Session

Program evaluation is extremely important as many rural administrations face the stresses of the current economic downturn with the expectation of maintaining current public service levels. The papers in this session provide research advances on defining and evaluating rural development policies.

Moderator: Steven Deller, University of Wisconsin

Presentations:

Impacts of Regional Approaches to Rural Development: Initial Evidence on the Delta Regional Authority

John L. Pender and Richard Reeder, USDA-Economic Research Service

Service Delivery in Rural Municipalities: Privatize, Cooperate, or Go It Alone?

John Halstead, University of New Hampshire; Steven Deller, University of Wisconsin; Robert Mohr, University of New Hampshire

Analyzing Differences in Rural Hospital Efficiency: A Data Envelopment Analysis Approach

I. Cristian Nedelea, J. Matthew Fannin, and James Barnes, Louisiana State University

2020 Crop Insurance

Tower Building, Mezzanine Level, Denver Room

AAEA Selected Paper Session

This session includes analysis of demand for insurance, acreage response to insurance, and producer welfare benefits. It also provides new data on insurance agents. This session should be of particular interest to members of the Applied Risk Analysis Section.

Moderator: Craig M. Smith, Kansas State University

Presentations:

Demand for Crop Insurance by Organic Corn and Soybean Farmers in Three Major Producing States

Ariel Singerman, Chad Hart, and Sergio Lence, Iowa State University

U.S. Cotton Acreage Response Due to Subsidized Crop Insurance

Russell Tronstad, University of Arizona; Romilee Bool, International Rice Research Institute

Yield Guarantee Determination and the Producer Welfare Benefits of Crop Insurance

Shyam Adhikari, Thomas Knight, and Eric J. Belasco, Texas Tech University

Insurance Contracts and the Role of the Selling Agent: Empirical Evidence from Federal Crop Insurance

Hayley Chouinard, Washington State University; Cory Walters, University of Kentucky; Philip Wandschneider, Washington State University

2021 Agricultural Productivity, Technology Adoption, and Markets

Tower Building, Mezzanine Level, Gold Room

AAEA Selected Paper Session

Since productivity and efficiency gains are the ultimate source of economic growth, technology adoption has long been a central theme in development economics. With agri-food markets becoming more integrated and dynamic in developing countries, rural producers often have new options for how they market what they produce, and the choice of marketing channel has itself become a technology adoption decision. This session includes papers that assess the impacts and dynamics of technology adoption at both the production and marketing stages.

Moderator: Travis Lybbert, University of California, Davis

Presentations:

Looking Beyond the Plot: The Nutritional Impact of Fertilizer Policy

Paulo Santos and Marissa Ward, University of Sydney

Hazard Model Use in Agricultural Technology Adoption and Abandonment: An Application to Rice in Madagascar

J. S. Butler, University of Kentucky; Christine Moser, Western Michigan University

Farmer Participation in Supermarket Channels, Production Technology, and Technical Efficiency: The Case of Vegetables in Kenya

Elizaphan J. O. Rao, Bernhard Brümmer, and Matin Qaim, Georg-August-Universität Göttingen

Using Best-Worst Scaling to Determine Market Channel Choice by Small Farmers in Indonesia

Wendy J. Umberger and Randy Stringer, University of Adelaide; Simone C. Mueller, University of South Australia

2022 Washington Policy Update by Chief Economists from the House and Senate Agriculture Committees and the USDA-Farm Service Agency

Tower Building, Mezzanine Level, Silver Room

Extension Section Track Session

Congress and the Obama Administration deal 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 and the administration. They also will seek comments and insights on issues from session attendees.

Organizer: Steven Klose, Texas A&M University

Moderator: Steven Klose, Texas A&M University

Presentations:

The House Majority Perspective

Craig Jagger, House Agriculture Committee

The Senate Majority Perspective

Stephanie Mercier, Senate Agriculture Committee

The Senate Minority Perspective

Hayden Milberg, Senate Agriculture Committee

The USDA-FSA Perspective

Joy Harwood, USDA-Farm Service Agency

CONCURRENT SESSIONS, MONDAY 10:15 AM-11:45 AM

2023 Demand for Fruits and Fresh Vegetables

Tower Building, Mezzanine Level, Spruce Room

AAEA Selected Paper Session

This session includes four studies on demand for fruits and fresh vegetables.

Moderator: Peyton Ferrier, USDA-Economic Research Service

Presentations:

Do Consumers Pay for Being Healthy Conscious?—An Analysis of Price Discrimination on Healthier Food Product

Congnan Zhan, North Carolina State University

De Gustibus Asparagus: Availability, Habits, and Welfare from Vegetable Imports

Peyton Ferrier, USDA-Economic Research Service; Chen Zhen, RTI International

Consumers Apple Variety Choices Based on National Household-level Data

Qiujie Zheng, Vicki McCracken, and Mykel Taylor, Washington State University

A Source-differentiated Analysis of Tropical Fresh Fruit Imports
Kilungu Nzaku, Jack E. Houston Jr., and Esendugue Greg Fonsah, University of Georgia

2024 Efficiency, Ethanol, and Trade-offs between Energy and Environmental Goods

Tower Building, Terrace Level, Terrace Room

AAEA Selected Paper Session

The papers in this session analyze the economics and efficiency of ethanol production and the trade-off between energy use or energy production and environmental goods.

Moderator: Juan P. Sesmero, University of Nebraska

Presentations:

Economic and Marketing Efficiencies among Corn Ethanol Plants
Juan P. Sesmero, Richard Perrin, and Lilyan Fulginiti, University of Nebraska

Switchgrass to Ethanol: A Field to Fuel Approach
Francis M. Epplin and Mohua Haque, Oklahoma State University

Environmental Bonding for Land Reclamation
Matthew Andersen, Yoshiyuki Igarashi, and Roger Coupal, University of Wyoming

Energy Efficiency and CO2 Emissions in the Greenhouse Industry: Evidence from Michigan
Zhengfei Guan, Michigan State University

2025 Managing Risk through Livestock Disease Policy

Tower Building, Terrace Level, Capitol Room

ARA Section Track Session

Disease prevention and control is largely a risk management exercise. Farmers are concerned with minimizing risk of disease and associated losses while policy makers wish to prevent or stamp out disease. Current economic incentives associated with disease prevention and disease control work at cross-purposes. Compensation policy to ensure rapid detection and reporting of livestock diseases negatively impact disease prevention by suppressing investments in disease biosecurity measures.

Organizer: Benjamin Gramig, Purdue University; Stephen Ott, USDA-Animal and Plant Health Inspection Service

Moderator: Diana Mitchell, USDA-Animal and Plant Health Inspection Service

Presentations:

Overview of APHIS Livestock Compensation Policy

Stephen Ott, USDA-Animal and Plant Health Inspection Service

Government Indemnification and Livestock Disease Risk: A Focus on Industry Integration

Andrew Muhammad, USDA-Economic Research Service

Implementing Incentive Appropriate Livestock Disease Indemnity Payments

Christopher A. Wolf, Michigan State University

2026 Agricultural Finance and Farm Management

Tower Building, Second Level, Tower Court A

CAES Selected Presentation Session

This session theoretically and empirically explores how farmers manage agricultural production and association risk.

Moderator: Calum Turvey, Cornell University

Presentations:

Dynamic Optimization of Area Revenue Insurance and Consumption Smoothing

Shanshan Lin, Jeffrey D. Mullen, and Michael Wetzstein, University of Georgia

Farm Managers' Adoption of Management Tactics and Their Self-perceived Management Skills: Survey Results from New York Agribusinesses

Pei Xu, Morrisville State College

The Effect of Dried Distillers Grains with Solubles on Swine Ration Choice and Environmental Quality

Stewart R. Skinner, Alfons Weersink, and Kees de Lange, University of Guelph

An Empirical Test of Cattle Production Alternatives in Ontario
Anatoliy Oginsky and Al Mussell, George Morris Centre

CONCURRENT SESSIONS, MONDAY 10:15 AM-11:45 AM

2027 Nonmarket Valuation of Ecological Goods and Food Attributes

Tower Building, Second Level, Tower Court B

CAES Selected Presentation Session

This session uses nonmarket valuation approaches to assess the value of ecological goods and food attributes.

Moderator: Ellen Goddard, University of Alberta

Presentations:

Value Determination of Ecological Goods and Consequentiality in Choice Experiments

Maurice Doyon and Frederic Roy-Vigneault, Université Laval; Daniel Rondeau, University of Victoria; Christian Vossler, University of Tennessee

Values of Ecological Goods and Services for Policy Development in Saskatchewan

Vitor Dias and Ken Belcher, University of Saskatchewan

Consumer Valuation of Food Attributes: A Comparison of Willingness-to-Pay Estimates from Choice Modeling and Contingency Valuation Methods

René Roy and Paul J. Thomassin, McGill University

Comparing Alternative Approaches to Explaining Consumer Willingness-to-Pay Preferences for Specialty Eggs Using Consumer Attitudinal Data

Jing Zhang, University of Saskatchewan; Ellen Goddard, University of Alberta

2028 Food Safety

Tower Building, Second Level, Tower Court C

CAES Selected Presentation Session

This session examines how consumers and firms respond to food safety issues.

Moderator: Gale E. West, Université Laval

Presentations:

Measuring the Impact of Food Safety Recalls on Firms: An Event Study Analysis of the 2008 Listeriosis Recall in Canada

Robin L. Smart, John Cranfield, and Getu Hailu, University of Guelph

The Roles of Generalized Trust and Trust in the Food System on Consumers' Food Choices

Yulian Ding, Michele Veeman, and Wiktor Adamowicz, University of Alberta

Consumer Reaction to Microbial Based Food Recalls: Analysis of the 2008 Listeria Contamination Recall of Ready-to-Eat Meats in Canada

John Cranfield and Spencer Henson, University of Guelph; Oliver Masakure, Wilfred Laurier University

Canadian Consumer Concerns about Food Safety Issues and Confidence in Food Products: Comparison of Beef and Pork

Violet Muringai and Ellen Goddard, University of Alberta

2029 Food and Agricultural Policy Analysis

Tower Building, Second Level, Tower Court D

CAES Selected Presentation Session

This session examines the role of the economist in policy making and the theoretical and empirical implications of contemporary policies designed to support the agricultural sector.

Moderator: Rakhal Sarker, University of Guelph

Presentations:

Is There Supply Distortion in Decoupled Payments? Evidence from the Canadian Prairies

Samira Bakhshi and Richard Gray, University of Saskatchewan

Are Coupled and Decoupled Levels of Agricultural Support Coupled?

Nadia Gagnon, Agriculture and Agri-Food Canada; Bruno Larue, Université Laval

Efficiency, Equity, and Complexity: An Examination of How Agricultural Economists Evaluate Agricultural Policy in Canada

David Sparling and Brandon Schaefe, University of Western Ontario

Time Inconsistent Commercialization Competitions

James Vercammen and Anna Zubchenko, University of British Columbia

2030 Navigating Article Writing and the Publishing Process

Plaza Building, Street Level, Director's Row E

GSS Track Session

For graduate students looking to publish their research, the process of getting from conceptual idea to published article can be a daunting challenge. The editors of the *AJAE* will offer advice on how to craft a well-written article and then how to maneuver the submission process and understanding the review feedback. There will be time for questions about the journal and other related topics.

Organizer: Alicia English, Purdue University

Moderator: Alicia English, Purdue University

Panelist: J. Taylor, University of California, Davis; Jeffrey Dorfman, University of Georgia; Erik Lichtenberg, University of Maryland; David Hennessy, Iowa State University

Monday, July 26, 2010

1:30 PM-3:00 PM

2031 How to Give a Presentation: Research, Extension, and Teaching

Plaza Building, Concourse Level, Plaza Court 1

GSS Track Session

This session will discuss how to give a good presentation and how to gear it towards specific audiences. The importance of good presentation etiquette is something that is not often taught or required in graduate school, however it is important to giving a good presentation.

Organizer: Shannon Sand, Oklahoma State University

Moderator: Shannon Sand, Oklahoma State University

Presentations:

How to Give a Presentation: Research

B. Wade Brorsen, Oklahoma State University

How to Give a Presentation: Extension

Shannon Ferrell, Oklahoma State University

How to Give a Presentation: Teaching

Michael Wetzstein, University of Georgia

CONCURRENT SESSIONS, MONDAY 1:30 PM-3:00 PM

2032 The Land Grant Vision of Extension's Future

Plaza Building, Concourse Level, Plaza Court 2

Extension Section and Senior Section Track Session

This session will provide insight into the changing local-state-federal and grant/contract funding base for extension. The current trends in agricultural and rural populations combined with the recent pressure on federal and state budgets have had substantial impacts on extension funding across the country. Presenters will comment on the challenges they face in making the case for extension and what extension economists can do to enhance funding for their programs. They will also comment on the implications of the 2009 Strategic Opportunities for Cooperative Extension Report for the future direction of extension education.

Organizer: Mark Waller, Texas A&M University; Matthew Stockton, University of Nebraska

Moderator: Matthew Stockton, University of Nebraska

Discussant: Henry Bahn, USDA-National Institute of Food and Agriculture

Presentations:

Future Directions for Extension: A Texas Perspective
Edward Smith, Texas AgriLife Extension Service

Future Directions for Extension: An Indiana Perspective
James Mintert, Purdue University

Future Directions for Extension: An Oregon Perspective
William Boggess, Oregon State University

Future Directions for Extension: A Nebraska Perspective
Elbert Dickey, University of Nebraska

2033



The Contribution of Agricultural Economists to the Understanding of International Trade

Plaza Building, Concourse Level, Plaza Court 3

International Section Track Session

This session is based on an article that appeared in the Special Centennial Issue of the *AJAE*. The paper covers contributions of the profession to trade theory, to the understanding of world markets and prices, to the impact of exchange rates on trade, to empirical modeling of trade flows, to calculations of the costs of protection and trade distortions, and to the understanding of institutional developments in the area of trade. The session presents some aspects of the paper and lead in to a discussion as to what new issues the profession is likely to face in the coming decade.

Moderator: Alex McCalla, University of California, Davis

Discussant: Thomas W. Hertel, Purdue University; Ian Sheldon, The Ohio State University

Presentations:

Trade Theory and Agricultural Trade Research: A Two-way Street
Andrew Schmitz, University of Florida

Trade Analysis for Development Policy: The Lessons from Cross-country Studies
Kym Anderson, University of Adelaide

Trade Policy and the WTO: The Reluctant Incorporation of Agriculture
Timothy Josling, Stanford University; Stefan Tangermann, Georg-August-Universität Göttingen

2034 The Feasibility and Economics of Biofuels

Plaza Building, Concourse Level, Plaza Court 4

AAEA Selected Paper Session

This session examines the feasibility of biomass harvesting and its conversion into biofuels or electricity. The papers analyze the economics of using poultry litter, sugar beets, crop residue, and corn stover as biomass.

Moderator: Cole Gustafson, North Dakota State University

Presentations:

The Economic Feasibility of Energy Sugar Beet Biofuel Production in Central North Dakota

Thein Maung and Cole Gustafson, North Dakota State University

The Economics of Selling Crop Residue Biomass for Cellulosic Ethanol Production at the Farm Level

Daniel M. O'Brien, Kansas State University

Use of Poultry Litter and Other Biomass in Electricity Production and Its Implication for Economic Development

Krishna Paudel, Louisiana State University; Doleswar Bhandari, University of New Mexico; Keshav Bhattarai, University of Central Missouri

2035 Agricultural Labor

Plaza Building, Concourse Level, Plaza Court 5

AAEA Selected Paper Session

Decisions regarding on-farm and off-farm labor supply depend on numerous factors. This session looks at these issues with respect to the effects of education and the effects of the structure of agricultural firms.

Moderator: Lenis Saweda Liverpool, International Food Policy Research Institute

Presentations:

The Effect of Continuing Education Participation on Agricultural Worker Outcomes

Anita Alves Pena, Colorado State University

Does "Convenience Agriculture" Affect Off-farm Labor Allocation Decisions?

Hiroki Uematsu, Ashok Mishra, and Sachin Chintawar, Louisiana State University

Does Participation in 4-H Improve Schooling Outcomes? Evidence from Florida

Alfonso Flores-Lagunes and Troy Timko, University of Florida

Do Large Firms with More Technologies Pay More

Li Yu and Yongjie Ji, Iowa State University

CONCURRENT SESSIONS, MONDAY 1:30 PM-3:00 PM

2036 Experiments, Information, and Choice *Plaza Building, Concourse Level, Plaza Court 6*

AAEA Selected Paper Session

This session features environmental economics applications of experimental methods. The papers employ diverse experimental approaches to address behavioral, policy, and market issues. Topics addressed include water demand, pesticide use, environmental quality, and ecosystem restoration.

Moderator: Robert Johnston, Clark University

Presentations:

Estimating the Price Elasticity of Demand for Water with Quasi-experimental Methods

H. Allen Klaiber, Pennsylvania State University; V. Kerry Smith and Michael Kaminsky, Arizona State University; Aaron Strong, University of Wyoming

Culpability and Willingness-to-Pay for Environmental Quality
Gregory Poe, Cornell University

The Effect of Label Information on Farmers' Pesticide Choice
Tomas Hasing, Carlos Carpio, and David B. Willis, Clemson University; Olha Sydorovich and Michele Marra, North Carolina State University

Generating Revenues from WTP for Ecosystem Restoration: An Auction Experiment on Public Goods
Elizabeth C. Smith and Stephen Swallow, University of Rhode Island

2037 Marketing and Consumer Preference for Sustainable Agricultural Products *Plaza Building, Concourse Level, Plaza Court 7*

AAEA Selected Paper Session

This session presents the marketing potential of sustainable agricultural products and the agricultural products include biodegradable containers, local products, and organic products. This session has important policy implications for sustainable agriculture.

Moderator: Chengyan Yue, University of Minnesota

Presentations:

Are Consumers Willing to Pay More for Biodegradable Containers Than for Plastic Ones? Evidence from Hypothetical Conjoint Analysis and Non-hypothetical Experimental Auctions
Chengyan Yue, University of Minnesota; Charlie Hall, Texas A&M University

Assessing Consumers' Willingness-to-Pay for Different Units of Organic Milk: Evidence from Multi-unit Auctions
Faical Akaichi, University of Arkansas; Jose Gil, Centre de Recerca en Economia i Desenvolupament Agroalimentari; Rodolfo M. Nayga Jr., University of Arkansas

Do Local Production, Organic Certification, Nutritional Claims, and Product Branding Pay in Consumer Food Choices?
Marvin Batte, The Ohio State University; Wuyang Hu and Timothy Woods, University of Kentucky; Stanley Ernst, The Ohio State University

Local and Organic: Substitutes or Complements? An In-store Evaluation of Labels for Apples
Marco Costanigro, Gretchen Nurse, Dawn Thilmany McFadden, and Stephan Kroll, Colorado State University

2038 Research Methods and Data Issues—Fitting the Procedure to the Process *Plaza Building, Concourse Level, Plaza Court 8*

AAEA Selected Paper Session

This session is comprised of papers that attempt to address or expose inherent issues in observational and time-series data. Papers in this session utilize or propose Econometric methods appropriate to the underlying data generating process under examination. Topics covered range from co-integration testing in small samples, a method to address often omitted spatial interactions, estimation when data possess a non-random selection problem, and quantile regression estimates of farm efficiency.

Moderator: Charles Towe, University of Maryland

Presentations:

Applying Regression Quantiles to Farm Efficiency Estimation
Elisavet I. Nitsi and Eleni A. Kaditi, Centre for Planning and Economic Research

Co-integration Analysis of Commodity Prices: Much Ado about the Wrong Thing?

Mindy L. Mallory, University of Illinois at Urbana-Champaign; Sergio Lence, Iowa State University

Estimating Travel Cost Model: Spatial Approach
SeungGyu Kim, University of Tennessee; James M. Bowker, U.S. Forest Service; Seong-Hoon Cho, University of Tennessee; Donald B.K. English, U.S. Forest Service; C. Megan Starbuck, New Mexico State University

Testing the Effect of Neighboring Open Space on Development Using Propensity Score Matching
Charles Towe, University of Maryland

2039 Conservation and Ecosystem Services *Plaza Building, Concourse Level, Governor's Square 9*

AERE Session

The complexity of ecosystem science presents consumers and planners with an unfamiliar yet important suite of nonmarket goods. This session includes theoretical and empirical research on the economics of conservation. The first paper examines how providing ecological information influences willingness-to-pay for ecological restoration. The second paper empirically analyzes the effectiveness of payments for ecosystem services to prevent deforestation and contrasts payments with traditional regulation. The third paper furthers the literature on reserve site selection by modeling the endogeneity of land prices in a dynamic setting. The last paper addresses interpretations of optimal stopping problems in resource economics.

Moderator: David Finnoff, University of Wyoming

Discussant: Kathy Baylis and Sahan Dissanayake, University of Illinois at Urbana-Champaign; Yohei Mitani, University of Colorado; Graham Davis, Colorado School of Mines

Presentations:

The Effects of Ecological Information Provision On Preferences for Ecosystem Restoration
Yohei Mitani, University of Colorado

The Role of Payment for Environmental Services vs. Regulation in Preventing Deforestation: A Case Study of the Monarch Butterfly Conservation Fund

Kathy Baylis, Jordi Honey-Roses, and Isabel Ramirez-Ramirez, University of Illinois at Urbana-Champaign

Does Ignoring Dynamic Price Effects in Reserve Design Models Lead to Suboptimal Reserves? A Two-Period Linear Integer Site Selection Model
Sahan Dissanayake and Hayri Onal, University of Illinois at Urbana-Champaign

The Economics of Optimal Stopping
Graham Davis and Robert Cairns, Colorado School of Mines

CONCURRENT SESSIONS, MONDAY 1:30 PM-3:00 PM

2040 Topics in Environmental Economics
Plaza Building, Concourse Level, Governor's Square 10

AERE Session

This session addresses both theoretical and applied issues in environmental economics. The first paper theoretically models trade in waste between the developed and developing world. The second paper uses a panel data set of recycling rates in Japan to test the effect of newly introduced unit-based pricing schemes. The third paper uses a cross-section of firms to estimate what characteristics increased the probability to participate in a voluntary electricity demand management program. The fourth paper uses a panel data set to establish the relationship between ozone exposure and livestock mortality rates, which is required to set the optimal secondary standard for ozone.

Moderator: Sean B. Cash, University of Wisconsin

Discussant: Takehiro Usui, Soka University; Shunsuke Managi, Tohoku University; J. Mark Leonard, University of Nebraska at Omaha; Nicholas Muller, Middlebury University

Presentations:

Estimating the Sustainability of Unit-Based Pricing Using Panel Data: Household Waste Reduction and Promotion of Sorting Recyclables

Takehiro Usui, Soka University

Determinants of Trade in Recyclable Wastes Between Developing and Developed Countries

Shunsuke Managi, Tohoku University; Keisaku Higashida, Kwansei Gakuin University

Business Participation in Electricity Demand Management Programs

J. Mark Leonard and Christopher Decker, University of Nebraska at Omaha

The Impact of Ozone Air Pollution On Livestock Mortality in the United States

Nicholas Muller, Middlebury University

2041 Applying Household Scanner Data to Food and Nutrition Economics Research
Plaza Building, Concourse Level, Governor's Square 11

AAEA Organized Symposium

The purpose of this session is to present and discuss uses, strengths, and limitations of household-based scanner data for addressing economic research questions related to nutrition and food safety. Presentations will address whether Nielsen Homescan households have diet and health attitudes similar to the general population, analyze the effects of food safety information on purchases of meat and poultry, examine the effects of food prices on food choices and diet-related health outcomes, and determine the effects of sugar-sweetened beverage taxes on consumption and tax revenue. Discussion will focus on lessons learned and potential future uses of the data.

Organizer: Chen Zhen and Mary Muth, RTI International

Moderator: Jayson Lusk, Oklahoma State University

Presentations:

A Comparison of Attitudes towards Diet and Health Between Homescan Households and Respondents to Government Surveys
Mary Muth, Shawn Karns, Peter Siegel, and Chen Zhen, RTI International; Ephraim Leibtag, USDA-Economic Research Service

An Ex-Ante Analysis of Sugar-Sweetened Beverage Taxes
Chen Zhen, RTI International; Michael Wohlgenant, North Carolina State University; Shawn Karns, RTI International; Phillip Kaufman, USDA-Economic Research Service

Food Safety Information Impacts On within-Species Purchase Decisions

Mykel Taylor, Washington State University; Daniel Phaneuf and Nicholas Piggott, North Carolina State University

Food Prices and Food Choices

Lisa Mancino, Jessica E. Todd, and Ephraim Leibtag, USDA-Economic Research Service

2042 Propensity Score Matching: Learning How and When to Use This Technique
Plaza Building, Concourse Level, Governor's Square 12

Econometrics Section Track Session

This session will teach attendees the basics of applying propensity score matching to help produce valid econometric estimates from data sets arising from non-controlled experiments. Presenters will cover the basics of how the technique works, how it has worked in real applications, comparisons to other adjustment techniques, and the general pros and cons of the method.

Organizer: Jeffrey Dorfman, University of Georgia

Moderator: Jeffrey Dorfman, University of Georgia

Presentations:

Propensity Score Matching: Getting Started
Barrett Kirwan, University of Maryland

Propensity Score Matching: Experience with Land Use Applications

Loretta Lynch, University of Maryland

Propensity Score Matching: Experience in Development Economics
David R. Just, Cornell University

2043



Centennial Overview of Food and Agricultural Marketing Policy Issues

1910-2010 *Plaza Building, Concourse Level, Governor's Square 14*

FAMPS Track Session

In addition to the article that appeared in the Special Centennial Issue of the *AJAE* by Sumner, Alston, and Glauber, two presenters will address various marketing and policy issues affecting food and agribusinesses. Scott Irwin will address the issue of futures markets in risk management, underscoring the contributions of Holbrook Working, Tom Hieronymus, and Roger Gray in battling accusations that futures markets were mere 'gambling dens' and havens for 'excessive speculation' and eventually building a consensus that such markets were important and valuable components of the commodity marketing system. Janet Perry will present a review and update of agricultural policies in grains and livestock.

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

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

Presentations:

Overview and Working Outline: Evolution of the Economics of Agricultural Policy

Daniel Sumner, University of California, Davis

Ag Economists at the Ramparts: Speculation and Commodity Futures Markets

Scott Irwin, University of Illinois at Urbana-Champaign

Does Knowing the Price Matter? A Review of Grain and Livestock Price Reporting

Janet Perry, USDA-Economic Research Service

2044 Effects of Biofuel Mandates in a Context of Ethanol Demand Constraints, Cellulosic Biofuel Costs, and Compliance Mechanisms

Plaza Building, Concourse Level, Governor's Square 15

AAEA Invited Paper Session

The Renewable Fuel Standard requires rising volumes of biofuel use, with cellulosic biofuels to account for a growing share. We identify 1) the challenges of increasing biofuel use beyond apparent limits to demand expansion; 2) the supply potential of cellulosic feedstocks from various sources; and 3) how compliance mechanisms will deliver signals about economic fundamentals. In each case, we focus first on the biofuel mandates and their immediate implications, then step back to identify the broader implications of the policy for biofuel consumers and producers, with subsequent effects on agricultural markets.

Organizer: Wyatt Thompson, University of Missouri

Moderator: Patrick Westhoff, University of Missouri

Discussant: Vernon Eidman, University of Minnesota

Presentations:

Alternative Pathways for Fulfilling the RFS Mandate
Wallace Tyner, Frank J. Dooley, and Daniela Viteri, Purdue University

Supply of Cellulosic Biofuel Feedstocks and Regional Production Patterns

Madhu Khanna, Xiaoguang Chen, Haixiao Huang, and Hayri Onal, University of Illinois at Urbana-Champaign

What to Conclude about Biofuel Mandates from Evolving Prices for Renewable Identification Numbers?

Wyatt Thompson, Seth Meyer, and Patrick Westhoff, University of Missouri

2045

Performance Implications of Sustainability Initiatives in Agri-food Companies

Plaza Building, Concourse Level, Governor's Square 16

AEM Section and CWAE Track Session

Although sustainability has been identified as the key driver of innovation, many food and agribusiness companies investing in sustainability initiatives are doing so out of coercion from their supply chain partners (uneven supply chain power distribution), out of fear of missing some market opportunity (regret minimization), or out of a belief that it will increase performance (strategic investment theory). The two papers in this session provide insights into the motivating factors driving sustainability decisions and the relationship between those decisions and organizational performance. The session promises to provoke quality dialog among participants about sustainability economics under uncertainty of outcomes.

Organizer: Vincent Amanor-Boadu, Kansas State University

Moderator: Conrad Lyford, Texas Tech University

Discussant: Conrad Lyford, Texas Tech University; Aaron Johnson, University of Idaho

Presentations:

On the Distribution of Net Benefits from Sustainability Initiatives in Agri-food Supply Chains

Vincent Amanor-Boadu, Kansas State University; R. Ross, Michigan State University; Kara Ross, Kansas State University

CEOs and the Sustainability Initiatives of Publicly-traded Agribusiness Firms

Joshua Detre, Louisiana State University; Michael Gunderson, University of Florida

2046 Agricultural Development Challenges: Lessons from Africa and the Caribbean

Plaza Building, Concourse Level, Governor's Square 17

COSBAE Track Session

This session will focus on the agricultural sector and associated development policy challenges facing Africa and the Caribbean regions stemming from both recent internal and external shocks. Although the agricultural sector is very important to the economies of the two regions, most governments in both regions have failed to undertake the necessary levels of investment in the sector. Therefore, many countries in both regions are facing challenges in achieving Millennium Development Goal (MDG) targets in food security and poverty alleviation.

Organizer: William Amponsah, Georgia Southern University

Moderator: William Amponsah, Georgia Southern University

Discussant: Andrew Muhammad, USDA-Economic Research Service

Presentations:

African Agricultural Sector Development Challenges and Policies
William Amponsah, Georgia Southern University

Dealing with the Challenge of Climate Change on Aggregate Agricultural Output—Lessons from the Caribbean
Carlisle Pemberton, University of the West Indies

Development of the Biofuels Industry in South Africa: Policy Choices and Trade-offs

Athur Mabiso, Michigan State University

CONCURRENT SESSIONS, MONDAY 1:30 PM-3:00 PM

2047 Risk and Uncertainty

Tower Building, Terrace Level, Beverly Room

AAEA Selected Paper Session

The papers in this session examine producer decisions in the face of risk and uncertainty. These decisions include profit seeking behavior, yield-based production strategies, reactions to climatic variability, and adoption of environmentally oriented production practices.

Moderator: Scott Swinton, Michigan State University

Presentations:

Why Farmers Opt Not to Enroll in Payment-for-Environmental-Services Programs

Shan Ma, Scott Swinton, and Frank Lupi, Michigan State University; Maria Christina Jolejole, University of Illinois at Urbana-Champaign

Climate Change, Risk, and Grain Production in China

Rainer Wilhelm Holst, Xiaohua Yu, and Carola Grün, Georg-August-Universität Göttingen

Yield and Area Elasticities: A Cost Function Approach with Uncertainty

Juan Francisco Rosas and Dermot J. Hayes, Iowa State University

A Profitability and Risk Analysis of Organic and High-input Cropping Systems in Southwestern Minnesota

Timothy A. Delbridge, University of Minnesota

2048 Rural Labor and Land Markets

Tower Building, Mezzanine Level, Century Room

AAEA Selected Paper Session

The papers in this session will examine two inter-twined issues: dynamics in the rural labor and land markets as well as the effects of different public policies aimed at improving economic conditions in rural America.

Moderator: Carmen Carrion-Flores, University of Florida

Presentations:

Local Effects of Hog Production on Farm and Non-farm Economic Outcomes

Thomas Hertz and Stacy Sneeringer, USDA-Economic Research Service

The Impact of Urban Growth and Sprawl on Peri-urban Farm Production

Benoît A. Delbecq and Raymond Florax, Purdue University

Human Capital Formation in Rural America: Differences between Rural and Urban High School Dropouts

Jeffrey Jordan and Genti Kostandini, University of Georgia; Elton Mykerezi, University of Minnesota

2049 Economic Value of Invasive Species Management: Proactive Management and Extreme Policies

Tower Building, Mezzanine Level, Colorado Room

AAEA Selected Paper Session

The papers in this session use bioeconomic models to evaluate prevention versus control of invasive species under uncertainty, risk, learning, and new technology. The papers evaluate the net benefits of proactive versus reactive management, early warning, and extreme policies. Policy implications are emphasized.

Moderator: Marisa Zansler, USDA-Animal and Plant Health Inspection Service

Presentations:

Proactive or Reactive? Optimal Management of an Invasive Forest Pest in a Spatial Framework

Craig Bond, Colorado State University; Patricia Champ, U.S. Forest Service; James Meldrum, University of Colorado

Valuing Monitoring Networks for Invasive Species: The Case of Soybean Rust

Stephen S. Aultman, Terrance Hurley, and Frances Homans, University of Minnesota; Robert Haight, U.S. Forest Service

Ranching, Invasive Annual Grasses, and the External Costs of Wildfire in the Great Basin: A Stochastic Dynamic Programming Approach

Mimako Kobayashi, Kimberly Rollins, and Dilek Uz, University of Nevada at Reno

2050 Public Policy, Health, and Food

Tower Building, Mezzanine Level, Denver Room

AAEA Selected Paper Session

Public health concerns are a driving interest in a variety of policies aimed at reducing chronic disease through changing diets. The policy interventions can be direct (tax food) or indirect (influence food availability through agricultural policy). In this session, the links between three different types of food policy and market outcomes are examined. Whether these policies can improve public health is addressed.

Moderator: Helen Jensen, Iowa State University

Presentations:

The Dynamics of Food Stamp Program Participation: A Lagged Dependent Variable Approach

Sibel Atasoy, Bradford Mills, and Christopher Parmeter, Virginia Tech

Taxing Sweets: Sweetener Input Tax or Final Consumption Tax?

Zhen Miao, John Beghin, and Helen Jensen, Iowa State University

The Effects of Farm Commodity and Retail Food Policies on Obesity and Economic Welfare in the United States

Abigail Okrent and Julian Alston, University of California, Davis

CONCURRENT SESSIONS, MONDAY 1:30 PM-3:00 PM

2051 Empirical Poverty Analysis

Tower Building, Mezzanine Level, Gold Room

AAEA Selected Paper Session

Different conceptual and empirical perspectives on poverty often offer complementary insights into the daily dilemmas of the poor. In this session, a collection of empirical poverty analyses, each from a different setting and with a different focus, will explore current applied economic perspectives on poverty.

Moderator: Paulo Santos, University of Sydney

Presentations:

Child Undernutrition, Household Poverty, and National Income in Developing Countries

Steven Block, Tufts University; William Masters, Purdue University; Priya Bhagowalia, TERI University

Gender and Poverty Impacts of India's National Rural Employment Guarantee Scheme: Evidence from Andhra Pradesh

Klaus Deininger, World Bank; Yanyan Liu, International Food Policy Research Institute

Rural Non-farm Employment and Agricultural Modernization and Diversification in Guatemala

Ricardo Hernandez, Zhengfei Guan, and Thomas Reardon, Michigan State University

Traps and Thresholds in Mobility in the Pastoralist Livelihood in Northern Kenya

Russell Toth, Cornell University

2052 Labeling and Geographic Indications

Tower Building, Mezzanine Level, Silver Room

AAEA Selected Paper Session

This session includes timely topics addressing newly emerging issues related to GMO's, country of origin, trademarks, and alternative labels and their implications for efficiency.

Moderator: David Schweikhardt, Michigan State University

Presentations:

Are Consumers Indeed Misled? Congruency in Consumers' Attitudes toward Wine Labeling Information vs. Revealed Preferences from a Choice Experiment

Simone C. Mueller, University of South Australia; Wendy J. Umberger, University of Adelaide

Quality Certification by Geographical Indications, Trademarks, and Firm Reputation

Luisa Menapace and GianCarlo Moschini, Iowa State University

Country of Origin Labeling with Horizontal Differentiation and Country-specific Random Shocks

Alexander Saak, International Food Policy Research Institute

Estimates of the Welfare Impact of Intragenic and Transgenic GM Labeling Policies

Gregory Colson, University of Georgia; Wallace Huffman, Iowa State University; Matthew Rousu, Susquehanna University

2053 Product Differentiation

Tower Building, Mezzanine Level, Spruce Room

AAEA Selected Paper Session

This session highlights contributions related to product differentiation in food markets and in the seed industry.

Moderator: Tian Xia, Kansas State University

Presentations:

Firm Survival and Quality Labels in the Food Industry

Christophe Bontemps, Zohra Bouamra, and Michel Simioni, Toulouse School of Economics

The Value of Good Neighbors: A Spatial Analysis of the California and Washington Wine Industries

Nan Yang, Jill McCluskey, and Ron Mittelhammer, Washington State University

Evaluating the Unilateral Price and Variety Effects of Horizontal Mergers

Geoffrey Pofahl and Jared Carlson, Arizona State University

Innovation and Product Life Cycles in the U.S. Corn Seed Industry

Alexandre H. Magnier, Nicholas Kalaitzandonakes, and Douglas J. Miller, University of Missouri

2054 Crop Insurance

Tower Building, Terrace Level, Terrace Room

AAEA Selected Paper Session

The papers in this session examine current issues related to crop insurance research, which include the impact of new programs such as ACRE and SURE; an evaluation of the efficiency of yield models; and the development of a multi-year insurance product.

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

Presentations:

SURE Thing: The Economics of Permanent vs. Ad Hoc Disaster Assistance

Joseph Cooper, USDA-Economic Research Service; David Zilberman and Thomas Sproul, University of California, Berkeley

The Impact of the Average Crop Revenue Election on Farmers' Risk Management and on Government Expenditure

Yunguang Chen, Hong Wang, and George Patrick, Purdue University

Efficiency Evaluation of Alternative Yield Models for Crop Insurance Rating Applications

Christopher Lanoue, Bruce Sherrick, Gary Schnitkey, and Nicholas Paulson, University of Illinois at Urbana-Champaign; Joshua Woodard, Texas A&M University

The Design of Multi-year Crop Insurance Contracts

Ying-Erh Chen and Barry Goodwin, North Carolina State University

CONCURRENT SESSIONS, MONDAY 1:30 PM-3:00 PM

2055 Nutrition and Food Safety

Tower Building, Second Level, Tower Court A

CAES Selected Presentation Session

This session focuses on economic issues related to food consumption and human health.

Moderator: Richard Gray, University of Saskatchewan

Presentations:

Does the Dietician Keep the Doctor Away? Obesity, Diet, and Health in Canada

Brandon Schaufele and David Sparling, University of Western Ontario

Demand for Nutrients in Chain Restaurants in Canada

Jeewani R. Fernando and Ellen Goddard, University of Alberta

Economic Analysis of Individuals' Propensity to Undertake Dietary Behaviors Associated with Selecting Diets Low in Fat

Kumuduni Kulasekera, John Cranfield, and Spencer Henson, University of Guelph

Influences of Labeling Policy and Media Coverage on the Demand for Butter and Margarine

Chung-Tung Lin, U.S. Food and Drug Administration; Jonq-Ying Lee, University of Florida

2056 Dynamics of Farm Household Income and Investments in Cooperatives

Tower Building, Second Level, Tower Court B

CAES Selected Presentation Session

This session examines the structure of farm household income, and the factors that influence their decisions to diversify income and patronize agricultural cooperatives.

Moderator: Wayne Thompson, Saskatchewan Canola Growers Association

Presentations:

Examining the Dynamics of Household Income of Farm Families in Canada

Kenneth Poon and Alfons Weersink, University of Guelph

The Influence of Market Barriers and Farm Income Risk on Non-farm Income Diversification

Edward Olale and Hina Nazli, University of Guelph

Retained Patronage Refunds, Increasing Returns to Scale, and Member Patronage in Cooperatives

Florentina N. Uzea and Murray Fulton, University of Saskatchewan

Horizon and Free Rider Problems in Cooperative Organizations

Konstantinos Giannakas, University of Nebraska; Murray Fulton, University of Saskatchewan

2057 Water Resource Management

Tower Building, Second Level, Tower Court C

CAES Selected Presentation Session

This session investigates problematic issues related to non-private-ly owned water resources.

Moderator: Tasneem Virani, University of Guelph

Presentations:

Surface Water Allocation in Alberta: Implications of the Economic Calculation Debate

Danny LeRoy, University of Lethbridge

Implementing Proportional Water Sharing as a Water Allocation Rule

Lixia He, University of Tennessee; Theodore Horbulyk, University of Calgary; Md. Kamar Ali, Danny LeRoy, and Kurt Klein, University of Lethbridge

Examining the Relationship Between Government Management of State Land and Efforts to Restore the Ecological Integrity of Coastal Lands in Sri Lanka after the Tsunami 2004: Evidence of an Anticommons Problem?

Chatura Pulasinghage and Brady Deaton, University of Guelph

Establishing Indicators of Efficient Water Use for Southern Alberta Irrigation Districts

Robert Bewer, Md. Kamar Ali, and Kurt Klein, University of Lethbridge; Suren Kulshreshtha, University of Saskatchewan

2058 Farm-level Models for Policy Development

Tower Building, Second Level, Tower Court D

CAES Organized Symposium

Agriculture and Agri-Food Canada (AAFC) recognizes the importance of monitoring and assessing its current programs and policies, to ensure that these contribute overall objectives of Canada's agriculture policy framework (Growing Forward), and identifying emerging trends, to help design new policies and programs. This session will highlight some of the economic tools and methods used by both AAFC and academics to construct a more complete picture of the Canadian Agriculture sector and contribute to agricultural policy development in Canada, including econometric modeling, micro-simulation, and agent-based modeling techniques.

Organizer: Nathan Niu, Agriculture and Agri-Food Canada

Moderator: David Culver, Agriculture and Agri-Food Canada

Discussant: Bruno Larue, Université Laval; Richard Schoney, University of Saskatchewan

Presentations:

The Influence of Urban Proximity On Capital Investment Decisions On Farms in Canada

Arden Esqueda, Forecasting and Program Analysis

Identifying the Weak Links in a Modern Supply Chain: An Agent-Based Simulation Model of the Western Canadian Grain Handling System

Russell Lawrence and James Nolan, University of Saskatchewan

The Canadian Agriculture Dynamic Micro-Simulation Model (CADMS)

Nathan Niu, Agriculture and Agri-Food Canada; Adam Arsenault, Forecasting and Program Analysis

CONCURRENT SESSIONS, MONDAY 4:00 PM-5:30 PM

Monday, July 26, 2010

4:00 PM-5:30 PM

- 2059 How to Survive Graduate School**
Plaza Building, Concourse Level, Plaza Court 1

GSS Track Session

The focus of this track session is to give students the chance to hear about the experiences that newer graduates have had and how they dealt with the problems associated with being a graduate student (i.e. picking an advisor, prelims, finishing their dissertation/thesis, time management, etc.).

Moderator: Per Bylund, University of Missouri

Panelist: R. Karina Gallardo, Washington State University; Jesse Tack, Mississippi State University; Pedro Alviola IV, University of Arkansas


- 2060 Teaching Tips from Top Teachers: 2009 AAEA Award Recipients**
Plaza Building, Concourse Level, Plaza Court 2

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 goal is to share ideas on what successful teachers are doing in and out of the classroom to facilitate learning. 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 be on pedagogical approaches to improving education in our profession.

Moderator: Allen Wysocki, University of Florida

Panelist: Michael Boland, Kansas State University; Kenneth Foster, Purdue University; James Sterns, University of Florida

- 2061**  **The Second Century of Food and Consumer Economics: What Will Be Remembered in 2110?**
Plaza Building, Concourse Level, Plaza Court 3

FSN Section Track Session

In honor of the AAEA Centennial, this session will look to the future of food and consumer economics. In the past century, agricultural economists' empirical work in this field has informed the development of household production theory, hedonic price theory, definitions of poverty thresholds, complete demand systems, and survey and experimental techniques to elicit preferences. How will current policy and research questions, together with new data and methods, shape our contributions in the next century? Within three important theme areas—demand analysis, food assistance impacts, and consumer response to information and quality—we will discuss how the field might evolve.

Organizer: Laurian Unnevehr, USDA-Economic Research Service

Moderator: Mary Muth, RTI International

Presentations:

The First 100 Years of Food and Consumer Economics: What Did We Achieve?

Laurian Unnevehr, USDA-Economic Research Service

Traditional Demand Analysis: Still Relevant in the 21st Century?

James Eales, Purdue University

Food Assistance and Poverty: Is Food Still the Most Important Necessity?

Helen Jensen, Iowa State University

Information and Quality: What Do Those Darn Consumers Want?

Jayson Lusk, Oklahoma State University; Jill McCluskey, Washington State University

- 2062 Food Consumption Trends in Urban China, Implications for International Agricultural Markets**
Plaza Building, Concourse Level, Plaza Court 4

International Section Track Session

Food consumption in China has experienced dramatic changes over the last several decades as a result of strong income growth and urbanization. These changes include: increasing consumption of fruit and livestock products and fewer food grains; choosing food on the basis of quality, safety, and other factors in addition to price; increasing demand for food away from home; and increasing demand for non-traditional products, such as dairy products and wine. This session will present information on these changes in food consumption patterns and trends in China, and the underlying social and economic determinants.

Organizer: Thomas Wahl, North Dakota State University; Junfei Bai, Washington State University

Moderator: Thomas Wahl, North Dakota State University

Panelist: Travis A. Smith, USDA-Economic Research Service; Junfei Bai, Washington State University; Thomas Wahl, North Dakota State University; Jill McCluskey, Washington State University

Discussant: James Seale, University of Florida; Jikun Huang, Center for Chinese Agricultural Policy

- 2063 Greenhouse Gas Markets and Agriculture**
Plaza Building, Concourse Level, Plaza Court 5

Extension Section and Senior Section Track Session

This session will broadly address the likely involvement of agriculture in Greenhouse Gas (GHG) markets and the impact of proposed cap-and-trade legislation, or EPA regulation, on agriculture. Individual presentations will address the potential for agriculture to be involved in GHG markets, possible offset design criteria and regulatory provisions that will affect agriculture's involvement in GHG markets, and the results of economic studies on the impact of GHG regulations. This session is designed to promote discussion among economists educating producers on how to plan for and participate in any emerging GHG markets or regulations.

Organizer: Raymond Massey, University of Missouri; David Miller, AgraGate Climate Credits Corporation

Moderator: Matthew Roberts, The Ohio State University

Presentations:

Is Agriculture a Source of Greenhouse Gas Emissions or Offsets?
Raymond Massey, University of Missouri

Agriculture and Carbon Markets: Lessons Learned
David Miller, AgraGate Climate Credits Corporation

How Does Agriculture Fare Under Cap and Trade Proposals?
Joe Outlaw, Texas A&M University

CONCURRENT SESSIONS, MONDAY 4:00 PM-5:30 PM

2064 Invasive Species and Pest Management *Plaza Building, Concourse Level, Plaza Court 6*

AAEA Selected Paper Session

This session includes presentations on the relative effectiveness of market-based policy instruments for invasive insect control, the risk factors for invasive species introduction through trade, and the effect of integrated pest management practices adoption on pesticide use.

Moderator: Michael Livingston, USDA-Economic Research Service

Presentations:

Market-based Instruments for the Optimal Control of Invasive Insect Species
Timothy Richards, Arizona State University; Russell Tronstad, University of Arizona

Pesticide Use and IPM Adoption: Does IPM Reduce Pesticide Use in the United States?

Jason Maupin and George Norton, Virginia Tech

Risk Factors for Invasive Species Introductions in Commodity Trade: Theory and Evidence

Erik Lichtenberg and Lars Olson, University of Maryland

2065 Financial Performance of Institutions and Households *Plaza Building, Concourse Level, Plaza Court 7*

AAEA Selected Paper Session

The presenters in this session will compare and contrast the costs of providing credit by alternative lending institutions, and discuss impacts of credit constraints on productivity in rural China. Differences in the financial performance among beginning farmers will be discussed, as will trade-offs between maintaining sufficient capital reserves and providing reasonable returns to members of the Farm Credit System lending association.

Moderator: Cesar L. Escalante, University of Georgia

Presentations:

The Relative Cost Efficiencies of Commercial Banks, Rural Financial Institutions, and Microfinance Institutions in China
Ya Wu, Cesar L. Escalante, and Lewell F. Gunter, University of Georgia

Effects of Credit Constraint on Productivity and Rural Household Income in China

Fengxia Dong and Jing Lu, Iowa State University; Allen Featherstone, Kansas State University

An Analysis of the Financial Performance of Beginning Farmers
Ani Katchova, University of Kentucky

Patronage Refunds of Farm Credit System Associations: A Logistic Model

Tianwei Zhang and Mindy L. Mallory, University of Illinois at Urbana-Champaign

2066 Farmland Valuation Issues *Plaza Building, Concourse Level, Plaza Court 8*

AAEA Selected Paper Session

The papers in this session explore economic issues related to farmland management and protection decisions. Topics addressed include farmland valuation, technology adoption, and pollution management.

Moderator: Loretta Lynch, University of Maryland

Presentations:

Valuing Farmland Protection with Choice Experiments That Incorporate Preference Heterogeneity: Does Policy Guidance Depend on the Econometric Fine Print?

Robert Johnston, Clark University; John C. Bergstrom, University of Georgia

Estimating the Implicit Value of Crop Stubble as a Barrier to Technology Adoption in Morocco

Nicholas Magnan and Douglas Larson, University of California, Davis

Incorporating Scenic Quality and Cultural Heritage into Farmland Valuation: Results from an Enhanced LESA Model

Leah Mathews, University of North Carolina at Asheville; Art Rex, Appalachian State University

Integrated Watershed Economic Model for Non-point Source Pollution Management in Upper Big Walnut Creek Watershed, OH

Sujithkumar Surendran Nair and Brent L. Sohngen, The Ohio State University; Kevin W. King and Norman R. Fausey, USDA-Agricultural Research Service; Jonathan D. Witter and Douglas Southgate, The Ohio State University

2067 Advances in Renewable Resource Economics and Management *Plaza Building, Concourse Level, Governor's Square 9*

AERE Session

This session illustrates current trends in renewable resource economics including the spatial dimensions of resources, the possibility of self-governance, and the links between renewable and non-renewable resources.

Moderator: Craig Bond, Colorado State University

Discussant: Yusuke Kuwayama, University of Illinois at Urbana-Champaign; Hirotsugu Uchida, University of Rhode Island; Min Wang, Iowa State University

Presentations:

The Regulation of a Spatial and Dynamic Externality: Tradable Ground-Water Permits for the Protection of Instream Flows
Yusuke Kuwayama and Nicholas Brozovic, University of Illinois at Urbana-Champaign

Does Self Management in Fisheries Enhance Profitability? Examination of Korea's Coastal Fisheries

Hirotsugu Uchida, Emi Uchida, Jung-Sam Lee, Jeong-Gon Ryu, and Dae-Young Kim, University of Rhode Island

Impacts of Renewable Resource R&D: the Role of Capacity Constraints

Min Wang, Iowa State University; Jinhua Zhao, Michigan State University

CONCURRENT SESSIONS, MONDAY 4:00 PM-5:30 PM

2068 Agricultural and Applied Economics Research: What Makes It Relevant for Policy Advice?

Plaza Building, Concourse Level, Governor's Square 10

AAEA Organized Symposium

Each panelist will present a few major points to highlight his/her insights into the factors that make some agricultural and applied economics research relevant—or sometimes irrelevant—for policy advice. They will draw on their experience over many years, either as suppliers of research that has actually been used in policy advice or as users of research in developing policy advice. While the panelists naturally want to be diplomatic in presenting their main points, they will be encouraged to articulate themselves more provocatively in order to nurture a lively discussion among themselves and to engage with the audience.

Organizer: Lars Brink, Agriculture and Agri-Food Canada

Moderator: Robert Thompson, University of Illinois at Urbana-Champaign

Panelist: Otto Doering III, Purdue University; Bruce McCarl, Texas A&M University; Douglas Hedley, Consultant; Susan Offutt, U.S. Government Accountability Office

Discussant: Kurt Klein, University of Lethbridge

2069 Integrating Health, Nutrition, and Food Systems: Rethinking Malnutrition Reduction

Plaza Building, Concourse Level, Governor's Square 11

AAEA Organized Symposium

Research on the subjects of disease treatment and eradication, malnutrition reduction, and agricultural productivity in Africa demonstrates deep and important discipline traditions when addressing these challenges. Often intervention models follow a particular discipline tradition, but do not reflect the underlying system linking health, nutrition, and the food system. Intervention outcomes as measured by efficacy or effectiveness may be suboptimal as a result. This session will accomplish three objectives: 1) present three papers on the underlying system; 2) provide policy direction emerging from the consequences of system integration; and 3) hear from a discussant guiding scholars in this area.

Discussant: William Masters, Purdue University

Presentations:

Food Assistance and Health Outcomes: Theory and Practice within a Clinic Setting

Paul McNamara, University of Illinois at Urbana-Champaign

Enhancing Nutrient Flows to Support Health Intervention: A Foodshed Approach

Peter Goldsmith and Alex Winter-Nelson, University of Illinois at Urbana-Champaign

Addressing Inadequate Nutrient Intakes: A Cross-Country Comparison

Craig Gundersen and Mary Arends-Kuening, University of Illinois at Urbana-Champaign

2070 Genetically Modified Food and Global Welfare—I

Plaza Building, Concourse Level, Governor's Square 12

AAEA Organized Symposium

An edited book, *Genetically Modified Food and Global Welfare* consisting of commissioned chapters, is currently being put together by Giancarlo Moschini, Colin Carter, and Ian Sheldon. Due to the fact that this project is still in its early stages, the objective of this symposium is to bring together several of the book's authors in order to generate and facilitate an informal discussion of the status of research in this area. Authors of chapters on analytical perspectives, empirical findings, and regulatory issues will give a very brief synopsis of the early drafts of their chapters, followed by informal discussion.

Organizer: GianCarlo Moschini, Iowa State University; Ian Sheldon, The Ohio State University; Colin Carter, University of California, Davis

Presentations:

Current and Potential Implications of Agricultural Biotechnology for Developing Countries

Terri Raney, Food and Agriculture Organization of the United Nations

Biotech and Biofuels

David Zilberman, University of California, Berkeley

Implications of Emerging Applications of Biotechnology to Agriculture

Robert Herdt, Cornell University

The Pricing of Genetically Modified Corn in the United States

Jean-Paul Chavas, University of Wisconsin

2071 Where Do Agricultural Economists Fit in the Local Food Movement?

Plaza Building, Concourse Level, Governor's Square 14

COSBAE Track Session

The local foods campaign has received significant press and encouragement from the popular press and general public. Given the attention it has received, the food industry has been increasingly trying to capitalize on this movement. However, there are still several questions that remain to be answered regarding the overall sustainability of local foods. The purpose of this session is to identify potential obstacles and provide plausible solutions for overcoming them and to strengthen farmers seeking to capitalize on local foods.

Moderator: Deacue Fields III, Auburn University

Presentations:

Policy Perspectives on the Local Food Issues

Henry Bahn, USDA-National Institute of Food and Agriculture

Economics of Food Deserts in Urban Centers

Dave Weatherspoon, Michigan State University

Opportunities and Challenges for Small Farmers Seeking to Fill the Local Food Demand

Duncan M. Chembezi, Alabama A&M University

Opportunities in Local Food Systems

Maria Marshall, Purdue University

CONCURRENT SESSIONS, MONDAY 4:00 PM-5:30 PM

2072 Consumer-driven Changes in Food Marketing Channels: Organics and Sustainable Food Systems in the United States

Plaza Building, Concourse Level, Governor's Square 15

AAEA Invited Paper Session

A recent surge in consumers' interest towards sustainable life styles and products has kindled emergence and expansion of differentiated food systems. The organic food system in particular has marked notable growth over the last decade, bringing about considerable changes in its marketing channels. This session presents three research papers on emerging trends of importance to the U.S. food and agricultural system with a focus on the retailer, processor, and consumer behavior that may signal how the market for organic and other so-called sustainable food products will evolve in future years.

Organizer: Hikaru Hanawa Peterson, Kansas State University

Discussant: Marvin Batte, The Ohio State University; Kitty Smith, USDA-Economic Research Service

Presentations:

The Consumer Role in Organic and Sustainable Food Markets: What Traits and Assurances Do They Value?

Yuko Onozuka, University of Stavanger; Gretchen Nurse and Dawn Thilmany McFadden, Colorado State University

Consumer Preferences for Product Origin and Scale of Supply Chain Operations: The Case of Processed Organic Foods
Hikaru Hanawa Peterson and Xianghong Li, Kansas State University

Strategic Behavior of Food Retailers: Private Label Organic Products

Edward C. Jaenicke, Pennsylvania State University; Carolyn Dimintri, USDA-Economic Research Service

2073 Moving Beyond Self-interest in Economic Choice: Further Tests of Social Capital and Dual Interests Theory

Plaza Building, Concourse Level, Governor's Square 16

IBES Track Session

Economic models often assume that rational economic agents allocate resources to maximize their own consumption of physical goods and services. Moreover, in most economic models, the identity of participants in an economic exchange does not affect the outcome. This session provides evidence supporting the contention that other motives besides selfishness influence the terms and levels of trade. The relative importance of selfishness of preference versus other motives are compared using data collected from both survey based research and several experiments. The results are framed using both social capital and dual interests theory; the two theories are also contrasted and compared.

Organizer: Lindon Robison, Michigan State University; Gary Lynne, University of Nebraska

Moderator: David R. Just, Cornell University

Discussant: Philip Wandschneider, Washington State University

Presentations:

An Empirical Test of the Relative Importance of Selfishness of Preferences

Lindon Robison, Michigan State University; Marcelo Siles, Northern Michigan University

Conservation, Recycling, and Carbon Offsets Market Behavior: Tests of Dual Interests Theory

Marianna Khachatryan and Gary Lynne, University of Nebraska

2074 Econometric Examinations of Agricultural Productivity and Technological Change

Tower Building, Terrace Level, Beverly Room

AAEA Selected Paper Session

These papers use econometric methods to examine the effect of government policies, technology adoption, and climate on agricultural productivity and technological change in a variety of countries.

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

Presentations:

Uncovering Productivity Growth in the Disaggregate: Indonesia's Dueling Agricultural Sub-sectors

Nicholas Rada, USDA-Economic Research Service; Steven Buccola, Oregon State University; Keith Fuglie, USDA-Economic Research Service

Subsidies, Production Structure, and Technical Change—A Cross-country Comparison

Johannes Sauer, University of Manchester; Laure Latruffe, Institut National de la Recherche Agronomique; Nigel Key, USDA-Economic Research Service

An Econometric Analysis of U.S. Crop Yields and Cropland Acreage: Implications for the Impact of Climate Change

Haixiao Huang and Madhu Khanna, University of Illinois at Urbana-Champaign

Agricultural R&D Lags from a Dual Perspective

Matthew Andersen and Xiaojia Yao, University of Wyoming

2075 Economics of Biofuels

Tower Building, Mezzanine Level, Century Room

AAEA Selected Paper Session

The production of biofuels has had many impacts on agriculture, including commodity prices and agribusiness stock prices. This session focuses on these factors and also looks at the economics of processing ethanol from sugarcane and the economics of producing renewable energy from agricultural waste.

Moderator: Jayson Beckman, USDA-Economic Research Service

Presentations:

The Impact of Biofuel Policy on Agribusiness Stock Prices

Fatma Sine Tepe, University of Houston; Xiaodong Du and David Hennessy, Iowa State University

Commodity Price Volatility in the Biofuel Era: An Examination of the Linkage between Energy and Agricultural Markets

Jayson Beckman, USDA-Economic Research Service; Thomas W. Hertel and Roman Keeney, Purdue University

Economic Aspects of Renewable Energy Generation from Agricultural Waste on South Plains of Texas

Xiaolan Liu and Michael Farmer, Texas Tech University

The Economics of Processing Ethanol at Sugarcane Mills: A Simulation Approach

Paul M. Darby, Tyler Mark, and Michael Salassi, Louisiana State University

CONCURRENT SESSIONS, MONDAY 4:00 PM-5:30 PM

2076 Econometric/Research Methods in Consumer Demand and Health Analysis

Tower Building, Mezzanine Level, Colorado Room

AAEA Selected Paper Session

This session explores issues and methods relevant to food and health policy research. Topics include: econometric techniques utilizing microdata from food purchases, which accommodate the censored nature of these data; and the potential misuses of BMI as a measure of obesity and the use of hypothetical surveys as a proxy for real world behavior with an application to food purchases.

Moderator: Carlos Carpio, Clemson University

Presentations:

An Evaluation of the Soda Tax Using Multivariate Nonparametric Regression Models for Censored Data

Eric J. Belasco, Texas Tech University; Sujit Ghosh, North Carolina State University; Benaissa Chidmi, Texas Tech University

Consumers' Attitudes toward Origin Labels for Food Products: A Comparison of Hypothetical Survey Responses and Actual Shopping Behavior

Carola Grebitus, University of Bonn; Gregory Colson, University of Georgia; Luisa Menapace, Iowa State University; Maike Bruhn, University of Kiel

Quantifying Obesity in America: The Price of Using the Body Mass Index in Research and Public Health Policy

Julian Alston, Aaron Smith, and Joanna Parks, University of California, Davis

A Bayesian MCMC Approach to Censored System of Food Expenditures

Panagiotis Kasteridis and Steven Yen, University of Tennessee

2077 Commercial Fisheries Management

Tower Building, Mezzanine Level, Denver Room

AAEA Selected Paper Session

This session explores the effects of climate change, the American Fisheries Act, slot limits, and nuisance species on fleet-level decision making and fishery dynamics. Methods include discrete choice models of location and supply decisions, and bioeconomic models of single and multi-species fisheries.

Moderator: Tina Willson, University of Wyoming

Presentations:

Modeling the Impacts of Climate Change on Fleet Behavior in the Bering Sea Pollock Fishery

Lisa Pfeiffer and Alan Haynie, NOAA Fisheries

The Potential Role of Management Regulations in Controlling Consumer Exposure to Contaminated Fishery Products

Tina Willson, University of Wyoming; Richard F. Kazmierczak Jr., Louisiana State University

Optimal Multi-species Harvesting in the Presence of a Nuisance Species

Stephen Kasperski, National Marine Fisheries Service

2078 Climate Change Impacts on International Agriculture

Tower Building, Mezzanine Level, Gold Room

AAEA Selected Paper Session

This session examines responses to climate change in developing countries.

Moderator: David S. Kraybill, The Ohio State University

Presentations:

Adapting to Climate Extremes in East Africa through Trade
Syud Ahmed, World Bank; Noah S. Diffenbaugh, Stanford University; Thomas W. Hertel, Purdue University; David B. Lobell, Stanford University; William Martin, World Bank; Wolfram Schlenker, Columbia University

Agricultural Productivity and Anticipated Climatic Change in Sub-Saharan Africa: A Spatial Sample Selection Model

Patrick Ward and Raymond Florax, Purdue University; Alfonso Flores-Lagunes, University of Florida

Weather Vulnerability, Climate Change, and Food Security in Mt. Kilimanjaro

Francis Muamba and David S. Kraybill, The Ohio State University

Adaptation to Climate Change in a Rural Economy with Missing Markets

David S. Kraybill, The Ohio State University

2079 The Gravity of Technical Trade Barriers

Tower Building, Mezzanine Level, Silver Room

AAEA Selected Paper Session

These four presentations measure the effects on trade flows of technical trade barriers. Gravity-equation approaches are often used to assess the impacts of technical trade barriers. In gravity models, trade flows are explained by distance, income (GDP), language, and other factors affecting trade such as tariffs or technical trade barriers. One challenge in estimating the effects of technical trade barriers is that there are often no metric available. Although all four of these presentations use gravity-equation approaches, they employ different methods to identify the effects of technical trade barriers.

Moderator: Sebastien Pouliot, Iowa State University

Presentations:

Aflatoxin Redux: Does European Aflatoxin Regulation Hurt Groundnut Exporters from Africa?

Bo Xiong and John Beghin, Iowa State University

It Happened All at Once: Switching Regressions, Gravity Models, and Food Safety

Norbert Wilson and Victoria Bray, Auburn University

ISO 14000 Standards: Voluntary Environmental Governance as a Trade Facilitation Strategy?

Kathryn Boys, Clemson University; Jason Grant, Virginia Tech

From "May Contain" to "Does Contain": The Price and Trade Effects of Strict Information Requirements for GM Soybeans and Maize under the Cartagena Protocol on Biosafety

Guillaume Gruere, Laetitia Leroy, and Antoine Bouet, International Food Policy Research Institute

CONCURRENT SESSIONS, MONDAY 4:00 PM-5:30 PM

2080 Food Safety and Consumers

Tower Building, Mezzanine Level, Spruce Room

AAEA Selected Paper Session

Research presented includes the testing of a number of different consumer behavioral responses to food safety incidents. Experiments, surveys, and household time series analysis are used to examine cognitive dissonance in consumer response, evolution of food safety responses over time, spillover effects of perceived food risks on perceptions of other risks and across products, and perceptions of food risks that participants believe they can control and that generate the most worry.

Moderator: Alessandro Bonanno, Pennsylvania State University

Presentations:

Cognitive Dissonance under Food-borne Risk

Ying Cao, David R. Just, and Brian Wansink, Cornell University

Determinants of Survival of Spanish Consumers Facing the BSE Crisis

Jose Gil, Amr Radwan, and Teresa Serra, Centre de Recerca en Economia i Desenvolupament Agroalimentari

Consumer Food Safety Perceptions: Spillovers across Products, Species, and Specific Risks

Glynn Tonsor, Kansas State University

Using Best-Worst Scaling to Investigate Perceptions of Control and Concern over Food and Non-food Risks

Seda Erdem and Dan Rigby, University of Manchester

2081 Institutional Analysis of Natural Resource and Renewable Fuels

Tower Building, Terrace Level, Terrace Room

AAEA Selected Paper Session

The papers in this session analyze the institutions governing and influencing the organization and management of natural resources and the production of renewable fuels. Papers range from the management of common pool natural resources to supply contracting for cellulosic biofuel inputs, to regional differences in the development of bio-electricity.

Moderator: Michael Sykuta, University of Missouri

Presentations:

Local Institutions and Natural Resource Management

Margaret Snell and Kathleen Bell, University of Maine

Governance Issues in the Principal-agent Framework: Producing Cellulosic Ethanol in Michigan

Vivek Pandey, R. Ross, and Aleksan Shanoyan, Michigan State University

The Development of the Brazilian Bio-Electricity Market: A Comparative Institutional Analysis of Regional Differences

Guilherme Signorini, Michigan State University; Hamish Gow, Massey University; Christopher Peterson, Michigan State University

2082 Milk Production and Marketing in Ontario

Tower Building, Second Level, Tower Court A

CAES Selected Presentation Session

This session addresses contemporary concerns regarding the production and marketing of milk in Ontario.

Moderator: Brandon Schaufele, University of Western Ontario

Presentations:

An Analysis of the Effect of Milk Compositional Standard on the Economic Efficiency of Ontario Dairy Farms

Shashini Ratnasena and Getu Hailu, University of Guelph

A Demand System for Major Dairy Products in Ontario

Rakhal Sarker, University of Guelph; Heather Cassidy, Ministry of Agriculture, Food and Rural Affairs

Are There Agglomeration Effects in Dairy Production? An Empirical Examination of Ontario's Dairy Sector

Getu Hailu and Brady Deaton, University of Guelph

Ontario Milk Quota Values: The Impacts of Attempts to Halt Their Growth

Alex Cairns, Nick Bennett, and Karl Meilke, University of Guelph

2083 Natural Resource and Environmental Policy Analysis

Tower Building, Second Level, Tower Court B

CAES Selected Presentation Session

This session examines how decisions involving the production and use of natural capital and of various co-products created through agricultural activities are affected by policy change.

Moderator: Brady Deaton, University of Guelph

Presentations:

Measuring the Compliance Cost of Nutrient Management Regulations for Ontario Dairy Farms

Kenneth Poon, University of Guelph

Bioeconomic Modeling of Wetlands and Waterfowl in Western Canada: Accounting for Amenity Values

G. Cornelis Van Kooten, Patrick Withey, and Linda Wong, University of Victoria

Cost-effectiveness of BMP Adoption: A Case Study Approach

Al Mussell and Claudia Schmidt, George Morris Centre

Tree-base Intercropping in Eastern North America

Imran Toor, McGill University; Elwin G. Smith, Agriculture and Agri-Food Canada; Joann Whalen and Anwar Naseem, McGill University

CONCURRENT SESSIONS, MONDAY 4:00 PM-5:30 PM

2084 Niche Marketing and Evolving Consumer Preferences

Tower Building, Second Level, Tower Court C

CAES Selected Presentation Session

This session empirically assesses the economic impacts of commodity specific marketing, and consumer perceptions and attitudes towards niche and local food markets.

Moderator: Paul J. Thomassin, McGill University

Presentations:

Advertising of Fruits and Vegetables: Understanding the Effects of Commodity-specific and Broad-based Promotion Programs Using Experimental Economics

Bradley Rickard, Jura Liaukonyte, and Harry Kaiser, Cornell University; Timothy Richards, Arizona State University

Farm Survival on the Urban Fringe—The Economic Impacts of Niche and Direct Marketing Strategies

Alison J. Eagle, Duke University; G. Cornelis Van Kooten, Robin Tunnicliffe, and Martha McMahon, University of Victoria

The Effect of Attitudinal and Socio-demographic Factors on the Likelihood of Buying Locally-produced Food

John Cranfield, Spencer Henson, and Jose Blandon, University of Guelph

Fair Trade Coffee: Marketing and Consumer Willingness-to-Pay in China

Wuyang Hu, University of Kentucky; Yulian Ding, University of Alberta

2085 Current Issues in Canadian Agri-food Trade, Sponsored by CATPRN

Tower Building, Second Level, Tower Court D

CAES Organized Symposium

For Canadian agriculture and agri-food industries that are not closely integrated with global markets, specifically supply-managed industries, new multilateral and bilateral trade agreements could have significant effects on the distribution of welfare throughout the supply chains. This symposium will showcase the contributions of the Canadian Agricultural Trade Policy and Competitiveness Research Network (CATPRN) in examining these issues of market integration and access and provide a forum to discuss some of the international trade-related issues facing the Canadian agriculture and agri-food sector. Four papers, each based on projects that have received funding from the CATPRN, will be presented and discussed.

Organizer: Ryan Cardwell, University of Manitoba

Moderator: Ryan Cardwell, University of Manitoba

Presentations:

Detecting mCOOL Impacts on U.S.-Canada Bilateral Hog Trade Flows

James Rude, University of Alberta; Jean-Philippe Gervais, North Carolina State University

Canada-EU Free Trade Agreement: Will Agriculture Be an Issue?

William A. Kerr, University of Saskatchewan; Crina Viju, Carleton University

Trade Liberalization and Canada's Chicken Industry: Welfare Effects under Alternative Modeling Strategies

Juanita Rafajlovic, Agriculture and Agri-Food Canada; Ryan Cardwell, University of Manitoba

The Korea-Canada FTA: Conflict over Beef

Richard Barichello, University of British Columbia

Tuesday, July 27, 2010

8:00 AM-9:30 AM

3001 Teaching on a Tight Budget: What Do We Do with More Students and Less Resources?

Plaza Building, Concourse Level, Plaza Court 1

CWAE and TLC Section Track Session

"Doing more with less" has become a challenge across most departments in recent years. With larger and more classes to teach, no or fewer TAs, and an increasing need to manage our academic portfolios productively, many professors are now trying to determine how best to design classes so that students do not lose the opportunity to learn. Relevant questions include: Do we change assessment strategies? Teaching strategies? Delivery strategies and technologies used? This track session will offer the opportunity to hear the experiences and insights of highly regarded teachers in our profession and to discuss innovative teaching techniques.

Organizer: James Sterns, University of Florida; Paul Wilson, University of Arizona

Moderator: Paul Wilson, University of Arizona

Presentations:

Doing More with Less

Bruce Beattie, University of Arizona

Teaching Cases in Large Classrooms

Lisa House, University of Florida

Preserving Classroom Learning in Large Classes

Frank J. Dooley, Purdue University

3002 New Evidence on the Structure of Agricultural and Food Markets

Plaza Building, Concourse Level, Plaza Court 2

FAMPS Track Session

In the wake of renewed interest in the nature of competition in U.S. agricultural and food markets on the part of U.S. Departments of Justice and Agriculture, this session provides a format for the most recent empirical evidence on the structure of agricultural markets. Emphasis will be on new findings based on recent changes in market structure and institutions as well as new empirical methods.

Organizer: Joseph V. Balagtas, Purdue University

Moderator: Joseph V. Balagtas, Purdue University

Presentations:

Estimating Market Power of U.S. Dairy Cooperatives

Joseph V. Balagtas and Metin Cakir, Purdue University

Price Analysis of the U.S. Biotech Seed Market

Kyle Stiegert, Guanming Shi, and Jean-Paul Chavas, University of Wisconsin

Are Food Prices Always Lower at Wal-Mart?

Ephraim Leibtag and Catherine Barker, USDA-Economic Research Service

Breakfast of Champions: Pricing Relationships in Milk and Cereal

Timothy Richards and Geoffrey Pofahl, Arizona State University

CONCURRENT SESSIONS, TUESDAY 8:00 AM-9:30 AM

3003 The Nascent Bioeconomy for Industrial Markets: Green Goes from Plant Material to Spandex

Plaza Building, Concourse Level, Plaza Court 3

AEM Section Track Session

The explosion of biotechnology has created opportunities for innovation in plant materials, allowing agriculture to provide inputs into numerous industrial markets and in pharmaceuticals and medicine. The market share for bio-based inputs has been increasing and future growth opportunities are positive as governments, business, and consumers push for renewables. The papers included in this session assess the industrial supply chain economic and management challenges confronting this nascent industry. They assess the industry's drivers, evaluate complementary assets as a new product development bridge to supply chains, and examine the implications of renewable inputs for firm-level decision-making throughout the supply chain.

Organizer: Michael Boehlje, Purdue University

Moderator: Christopher Peterson, Michigan State University

Discussant: Christopher Peterson, Michigan State University

Presentations:

The Bioeconomy in Agri-food and Industrial Supply Chains
Michael Boehlje and Maud Roucan-Kane, Purdue University

The Role of Renewable Polymers in the Bioeconomy: Analysis of Interactive Sectors and Complementary Assets
Thomas Sporleder, The Ohio State University; Peter Goldsmith, University of Illinois at Urbana-Champaign

Managing Innovation in the Bioeconomy
Allan Gray, Purdue University

3004 Price Analysis and Carbon Management

Plaza Building, Concourse Level, Plaza Court 4

AAEA Selected Paper Session

The first two papers examine price analysis issues related to volatilities in corn futures and the speculative behavior of ethanol production. The other two papers examine farm management issues affecting carbon sequestration and footprint.

Moderator: Kuo-Liang Chang, South Dakota State University

Presentations:

Carbon Footprint: A New Farm Management Consideration in the Southern High Plains
Justin Weinheimer, Phillip Johnson, Nithya Rajan, and Stephen Maas, Texas Tech University

Forecasting Volatilities of Corn Futures in Distant Horizons
Feng Wu and Zhengfei Guan, Michigan State University

Testing for Speculative Behavior in U.S. Corn Ethanol Production
Subbu Kumarappan, Michigan State University; Cole Gustafson, North Dakota State University

An Economic Analysis of No-till Crop Rotations and Effects on Carbon Sequestration and Long Term Sustainability of Agriculture
Larry L. Janssen and Justin Harer, South Dakota State University

3005 Inferring WTP from Demand Estimates

Plaza Building, Concourse Level, Plaza Court 5

AAEA Selected Paper Session

This session collects four studies on using demand estimates to infer people's willingness-to-pay for various things.

Moderator: David Ward, University of Tennessee

Presentations:

Factors Influencing Willingness-to-Pay for the Energy Star Label
David Ward, Christopher Clark, Kimberly Jensen, and Steven Yen, University of Tennessee

Conjoint Analysis of Consumer Willingness-to-Pay for Ethanol Blend Fuels

Francisco Aguilar and Wyatt Thompson, University of Missouri

Value of Beef Steak Branding: Hedonic Analysis of Retail Scanner Data

Lee Schulz, and Ted Schroeder, Kate White, Kansas State University

3006 Retail Strategies

Plaza Building, Concourse Level, Plaza Court 6

AAEA Selected Paper Session

This session includes proposed contributions related to retail strategy.

Moderator: Sven Anders, University of Alberta

Presentations:

The Impact of Wal-Mart Supercenters on Supermarkets' Profit Margins

Xiaou Liu, Shandong University; Rigoberto Lopez, University of Connecticut

National Brand and Private Label Pricing and Promotional Strategy
Richard Volpe, University of California, Davis

Slotting Allowances and Product Variety in Supermarket Retailing
Stephen Hamilton, California Polytechnic State University, San Luis Obispo; Robert Innes, University of Arizona

Dynamic Informative Advertising of New Experience Goods
Alexander Saak, International Food Policy Research Institute

3007 Food, Health, and Households

Plaza Building, Concourse Level, Plaza Court 7

AAEA Selected Paper Session

Health outcomes are based in part on complicated household decisions regarding food purchases and time allocations. This session looks at these issues with evidence from Afghanistan, Nigeria, Russia, and the United Kingdom.

Moderator: Sean B. Cash, University of Wisconsin

Presentations:

Obesity and Labor Market Outcomes During the Transition in Russia

Sonya Huffman, Iowa State University; Marian Rizov, Middlesex University

Price Shocks, Food Security, and Coping Mechanisms: Household Evidence from Afghanistan

Anna D'Souza, USDA-Economic Research Service; Dean Jolliffe, World Bank

A Penny Saved: Prices over the Paycheck Cycle
Timothy Beatty, University of York

Disentangling the Relationship between Food Insecurity and Family Structure: The Roles of Social Networks/Social Capital in Nigeria
Oluyemisi Kuku, Iowa State University; Lenis Saweda Liverpool, International Food Policy Research Institute

CONCURRENT SESSIONS, TUESDAY 8:00 AM-9:30 AM

3008 High Calorie Food Policies

Plaza Building, Concourse Level, Plaza Court 8

AAEA Selected Paper Session

The papers in this session examine different approaches, including taxes and restrictions on availability, and influencing food choices.

Moderator: Keith Coble, Mississippi State University

Presentations:

Effects of a Sugar-sweetened Beverage Tax: Beverage Consumption, Food Energy, Obesity, and Burden by Income Status
Biing-Hwan Lin and Travis A. Smith, USDA-Economic Research Service; Jong-Ying Lee, University of Florida

On Taxing Sugar-sweetened Beverages to Combat the Obesity Problem

Senarath Dharmasena and Oral Capps Jr., Texas A&M University

The Distributional Consequences of a Fiscal Food Policy: Evidence from the UK

Matthew Salois and Richard Tiffin, University of Reading

Does Limited Access at School Result in Compensation at Home?—The Effect of Soft Drink Bans in Schools on Purchase Patterns outside of Schools

Rui Huang, University of Connecticut; Kristin Kiesel, California State University, Sacramento

3009 COSBAE's Role and Legacy of Achievements within AAEA

Plaza Building, Concourse Level, Governor's Square 10

AAEA Organized Symposium

This proposed session is a part of COSBAE's planned set of activities commemorating AAEA centennial. For the past 30 years, COSBAE has prospered in its mission to "promote the welfare of black agricultural economists by representing their interests within the association and by engaging in activities which have encouraged their professional advancement." COSBAE continues to play a vital role in research and outreach at AAEA and other professional meetings.

Organizer: Duncan M. Chembezi, Alabama A&M University; Christopher Davis and Doris Newton, USDA-Economic Research Service; Blondel A. Brinkman, USDA-Animal and Plant Health Inspection Service

Moderator: Christopher Davis, USDA-Economic Research Service; Blondel A. Brinkman, USDA-Animal and Plant Health Inspection Service

Panelist: Otto Doering III, Purdue University; Alfred Parks, Prairie View A&M University; Ntam Baharanyi, Tuskegee University; Handy Williamson Jr., University of Missouri; Doris Newton, USDA-Economic Research Service

3010



AAEA Centennial: Environmental and Resource Economics

Plaza Building, Concourse Level, Governor's Square 11

AERE Session

This session celebrates the 100th anniversary of AAEA by showcasing the many contributions of agricultural economists and agricultural economics to the field of environmental and resource economics. The first paper reviews topics at the interface of agricultural economics and natural resource economics, including land management, adoption of conservation technologies, institutions for water resource allocation, management of pests and livestock diseases, and valuation of and policies to promote biodiversity conservation. The second paper reviews topics at the interface of agricultural economics and environmental economics, including nonmarket valuation, incentive design, and joint determination.

Moderator: Charles Mason, University of Wyoming

Discussant: Kenneth McConnell, University of Maryland; John B. Loomis, Colorado State University

Presentations:

Natural Resource Economics and Conservation: Contributions of Agricultural Economics and Agricultural Economists

David Zilberman, University of California, Berkeley; Erik Lichtenberg, University of Maryland; James Shortle, Pennsylvania State University; James Wilen, University of California, Davis

Environmental Economics: How Agricultural Economists Helped Advance the Field

Catherine Kling, Iowa State University; Kathleen Segerson, University of Connecticut; Jason Shogren, University of Wyoming

3011 Fifty Years of Choice Modeling

Plaza Building, Concourse Level, Governor's Square 12

Econometrics Section Track Session

Qualitative choice models have been used extensively in economics to quantify individual and organizational choices. This session will review the literature on choice modeling over the past fifty years, with an emphasis on recent developments in modeling ordered choices. The audience will acquire a condensed literature on the subject and be introduced to some developments of applied research potential. The review of literature will cover applications in agricultural and resource economics over recent decades and a guide to existing software packages will be provided through simulations.

Moderator: Hector O. Zapata, Louisiana State University

Presentations:

The Theory and Practice of Modeling Ordered Choices
William H. Greene, New York University

Agricultural and Resource Economics Applications of Discrete Choice Models

Joseph Herriges, Iowa State University

A Guide for Estimating Choice Models with Competing Software Packages

Jayson Lusk, Oklahoma State University

CONCURRENT SESSIONS, TUESDAY 8:00 AM-9:30 AM

3012 Risk Issues at the Interface of Extension and Research

Plaza Building, Concourse Level, Governor's Square 14

ARA Section and Extension Section Track Session

Extension and research often approach the issue of risk from different perspectives. Extension specialists are frequently looking at ways to help minimize risk for farmers. In addition, many extension specialists spend time trying to educate farmers about the consequences of risk. Researchers, by contrast, are often involved with trying to model or explain farmer's behavior in regard to risk.

Organizer: Gregory Ibendahl, Mississippi State University

Presentations:

Marketing Risk

John Anderson, American Farm Bureau Federation

Production Risk

Steven Klose, Texas A&M University

Financial Risk

Brent Gloy, Cornell University

3013 Trade Liberalization, Climate Change Policies, and the Environment: The Growing Interaction and Impact

Plaza Building, Concourse Level, Governor's Square 15

AAEA Invited Paper Session

This session is designed to underline the rapidly growing interest in the interaction between international trade and the environment, and recent developments in related trade and climate change policies in the United States. Thus, this session aims to offer attendees updated knowledge of the impact of trade liberalization on the environment, the consequences of proposed U.S. climate policy on trade, and the current challenges of utilizing climate and trade policies to balance competitiveness and environmental benefits in the U.S. economy.

Organizer: Tun-Hsiang Yu, University of Tennessee; Man-Keun Kim, University of Nevada at Reno

Moderator: Bruce McCarl, Texas A&M University

Discussant: Bruce McCarl, Texas A&M University

Presentations:

Assessment of Environmental Impacts Embodied in Trade and Related Climate Change Policies: The Case of the United States and China

Xiaodong Du, Fengxia Dong, Dermot J. Hayes, and Tristan Brown, Iowa State University

Does Trade Liberalization Induce More Greenhouse Gas Emissions? The Case of Mexico and the United States under NAFTA

Tun-Hsiang Yu, University of Tennessee; Man-Keun Kim, University of Nevada at Reno; Seong-Hoon Cho, University of Tennessee

Is There Anything New about Border Tax Adjustments and Climate Policy?

Ian Sheldon, The Ohio State University

3014 Green, Blue, and Brown: Assessing the State of the Economics of Forests, Water, and Grass in Rural China

Plaza Building, Concourse Level, Governor's Square 16

China Section Track Session

This session includes three papers, each of which looks at the economics of one of the three different resources in the rural sector: the management of the forest for energy (the green); the management of water for irrigation (the blue); and the impact of road on the grasslands (the brown). All papers are based on primary data or unique sets of data that will give the session a rich empirical focus. They all apply state of the art analytical approaches, and all focus on policy.

Organizer: Scott Rozelle, Stanford University

Moderator: Jikun Huang, Center for Chinese Agricultural Policy

Presentations:

Impact of Forest Land Tenure Reform on Energy Choice: Empirical Evidence from Fujian, China

Emi Uchida, University of Rhode Island

Do Roads Lead to Grassland Degradation or Restoration? A Case Study in Inner Mongolia, China

Xiangzheng Deng, Center for Chinese Agricultural Policy; Scott Rozelle, Stanford University

Surface Water Irrigation Management in Northern China in the Past Decade: Development and Assessment

Qiuqiong Huang, University of Minnesota

3015 Behavioral Economics Research Approaches: Innovative Applications in Nutrition and Food Safety

Plaza Building, Concourse Level, Governor's Square 17

FSN Section and IBES Track Session

This session presents findings from current research using distinct methodologies applied to consumption choice problems that affect nutrition and health status. Household economic modeling, economic experiments, and conjoint analysis in a survey setting will be demonstrated and the findings reported in this session.

Organizer: Jebaraj Asirvatham, University of Illinois at Urbana-Champaign

Moderator: Jebaraj Asirvatham, University of Illinois at Urbana-Champaign

Presentations:

Impact of Age-varying Child Time Allocations on Child Development and Nutrition Status

Mark Agee, Pennsylvania State University

Using Mother's Hyperbolic Time Preferences and Loss-aversion Measurements to Explain Household Weight

Mariah D. Ehmke, University of Wyoming

Who Is Most Responsible for Ensuring the Meat We Eat Is Safe? Seda Erdem, Grada Wossink, and Dan Rigby, University of Manchester

CONCURRENT SESSIONS, TUESDAY 8:00 AM-9:30 AM

3016 Renewable Fuels/Biofuels and Trade

Tower Building, Terrace Level, Beverly Room

AAEA Selected Paper Session

The four presentations in this session investigate the trade of biofuel. The first two presentation focus on effects of the tariffs imposed by the United States on the imports of ethanol, which affects Brazil exports in particular. The third presentation challenges the findings by the EU that the recent changes in U.S. blender's tax credit lead to the dumping of U.S. biofuel. Finally, the fourth presentation analyzes the impact of biofuel on the fuel market, assuming that the oil market is dominated by a cartel of oil-rich countries.

Moderator: Harry de Gorter, Cornell University

Presentations:

The Effects of Alternative Energy Sources on the International Oil Market

Gal Hochman and David Zilberman, University of California, Berkeley

Spatial Equilibrium in the Biofuel Economy: A Multi-market Analysis of Trade Distortions in the U.S. and Brazilian Ethanol Sector
William H. Bowser II, Madhu Khanna, and Hayri Onal, University of Illinois at Urbana-Champaign

On the EU-U.S. Biodiesel "Splash and Dash" Battle: Causes, Consequences, and Policy Recommendations

Harry de Gorter, Dusan Drabik, and David R. Just, Cornell University

Ethanol Trade between Brazil and the United States

Martin Kuffel, Hochschule für Technik und Wirtschaft Berlin; Stephen Devadoss, University of Idaho

3017 Spatial Analysis of Land Use and the Environment

Tower Building, Mezzanine Level, Century Room

AAEA Selected Paper Session

The papers in this session analyze water use, conservation, and pricing at high levels of spatial or temporal resolution. Policy implications of heterogeneous land and groundwater characteristics, crop and irrigation decisions, water availability within a growing season, and water users are discussed. Methods include positive mathematical programming, integrated hydro-economic models, and econometric methods.

Moderator: Kristiana Hansen, University of Wyoming

Presentations:

The Impact of Spatial Variation in Land Use Patterns and Aquifer Characteristics on the Agricultural Cost of Groundwater Conservation for the Southern Ogallala Aquifer

David B. Willis, Clemson University; Jeff Stovall, Espey Consultants, Inc.; Jeffrey Johnson, Erin Wheeler-Cook, and Ken Rainwater, Texas Tech University

Disaggregated Spatial Modeling of Irrigated Land and Water Use
Pedro V. Garay, Jeffrey M. Peterson, and Craig M. Smith, Kansas State University

Monitoring of Compliance in Western Australian Conservation Contracts

Bronwyn Crowe, Ben White, and David Pannell, The University of Western Australia

3018 Childhood Nutrition and Health

Tower Building, Mezzanine Level, Colorado Room

AAEA Selected Paper Session

Nutritional outcomes for children can have lasting impacts on human capital accumulation and welfare. Yet, because of children's reliance on caregivers, these outcomes can be heavily shaped by other forces, including social norms and political processes—especially as they affect women. The papers in this session provide empirical perspectives on this crucial intersection of children, women, and nutrition.

Moderator: Christopher B. Barrett, Cornell University

Presentations:

Socioeconomic Distance as a Determinant of Female Autonomy and Child Welfare

Kathy Baylis and Eeshani Kandpal, University of Illinois at Urbana-Champaign

Unpacking the Links Between Women's Empowerment and Child Nutrition: Evidence Using Nationally Representative Data from Bangladesh

Priya Bhagowalia, TERI University; Purnima Menon and Agnes R. Quisumbing, International Food Policy Research Institute; Vidhya Soundararajan, Independent Consultant

The Impact of Decentralization on Child Nutritional Status in Arid and Semi-Arid Kenya

Felix Naschold and Christopher B. Barrett, Cornell University; Nancy Johnson, International Livestock Research Institute

3019 Contracts

Tower Building, Mezzanine Level, Denver Room

AAEA Selected Paper Session

This session presents new developments in contracts and supply chain.

Moderator: Brent Hueth, University of Wisconsin

Presentations:

Production Contracts and the Spot Market Price of Hogs
Nigel Key, USDA-Economic Research Service

Managing Quantity, Quality, and Timing in Cane Sugar Production: Ex-post Marketing Permits or Ex-ante Production Contracts?
Sandhyarani Patlolla, University of California, Davis

Does Government's Biofuel Incentive Payment Program Work in the Presence of Asymmetric Information?
Thein Maung, North Dakota State University; Yan Yuan, Southwestern University of Finance and Economics

Optimal Contracting for Cattle Feeding: An Assessment of Climatic Conditions

Shaikh M. Rahman, Texas Tech University

CONCURRENT SESSIONS, TUESDAY 8:00 AM-9:30 AM

3020 Production Function

Tower Building, Mezzanine Level, Gold Room

AAEA Selected Paper Session

The papers in this session address the details of production function estimation. The topics are varied, including advanced regression techniques, pest damage function estimation, aggregate agricultural supply estimation, and identifying technical change in the industrial sector.

Moderator: Catherine Morrison Paul, University of California, Davis

Presentations:

Distinguishing Different Industry Technologies and Localized Technological Change

Johannes Sauer, University of Manchester; Catherine Morrison Paul, University of California, Davis

A Fully Calibrated Generalized CES Programming Model of Agricultural Supply

Pierre Merel, University of California, Davis; Leo Simon, University of California, Berkeley; Fujin Yi, University of California, Davis

An Unbalanced Nested Error Component Model for Estimating Pest Damage Functions

Paul Mitchell and Zhe Dun, University of Wisconsin

Analyzing the Determinants of Technical Efficiency among Traditional Dairy Farms in Wisconsin: A Quantile Regression Approach
Benaissa Chidmi, Texas Tech University; Daniel Solis, Rosenstiel School of Marine and Atmospheric Science; Madiha Zaffou and Margil Funtanilla, Texas Tech University

3021 Transgenic Corn: Innovation and Adoption

Tower Building, Mezzanine Level, Silver Room

AAEA Selected Paper Session

These papers examine economic issues pertaining to transgenic corn. The first two studies identify the contribution of transgenic traits to yield increases and how farmer adoption affects the mean and variability of yields. The second two papers examine the determinants of farmer adoption of stacked hybrids and hybrids with new traits.

Moderator: Maria Useche, University of Florida

Presentations:

Sequential Adoption of Package Technologies: The Dynamics of Stacked Trait Corn Adoption

Ursula Aldana, Jeremy Foltz, and Bradford Barham, University of Wisconsin; Maria Useche, University of Florida

The State Contingent Approach to Farmers' Valuation and Adoption of New Biotech Crops: Nitrogen-fertilizer Saving and Drought Tolerance Traits

Paul Jaramillo and Maria Useche, University of Florida

Analyzing the Effects of Weather and Biotechnology Adoption on Corn Yields and Crop Insurance Performance in the U.S. Corn Belt
Ligia Vado and Barry Goodwin, North Carolina State University

Patents, Concentration, and Innovation in the Corn Seed Industry: Measuring Contribution of Genetic Characteristics of Corn Hybrids as An Indicator of "Useful" Innovation

Elizabeth Nolan and Paulo Santos, University of Sydney

3022 Climate Change, Environment, and Trade

Tower Building, Mezzanine Level, Spruce Room

AAEA Selected Paper Session

Climate change affects trade flows because the production of some agricultural products is displaced or because governments impose differential sets of regulations to limit greenhouse gases emissions. This session presents three papers that examine how climate change or how regulation related to climate change can affect agricultural trade.

Moderator: Sharon Shewmake, University of California, Davis

Presentations:

Impacts of Regulating Greenhouse Gas Emissions on Livestock Trade Flows

Hyun Seok Kim and Won Koo, North Dakota State University

Climate Change and Agriculture in 2050: Assessing Prospects for European Cereal and Oilseed Markets

Thordis Moeller, Humboldt University; Harald Grethe, University of Hohenheim

Intra-industry Trade and the Environment: Is There a Selection Effect?

Sarma B. Aralas and John Hoehn, Michigan State University

3023 Ecological and Biological Risks

Tower Building, Terrace Level, Terrace Room

AAEA Selected Paper Session

The papers in this session provide new insights into modeling and responding to risks inherent in ecological and biological systems. New approaches are developed to examine plant and animal disease spread. Also, responses are examined for agents facing wildfire risk and disease forecasts.

Moderator: Travis Lybbert, University of California, Davis

Presentations:

Spatio-temporal Model for Agricultural Yield Prediction

Oleksiy Tokovenko, Jeffrey Dorfman, and Lewell F. Gunter, University of Georgia

Embedding a Field Experiment in Contingent Valuation to Measure Context-dependent Risk Preferences: An Application to Wildfire Risk

Kimberly Rollins and Mimako Kobayashi, University of Nevada at Reno

Economics of Robust Surveillance of New and Exotic Animal Diseases: The Case of Bluetongue

L. Roman Carrasco, National University of Singapore; Diogo M. Souza Monteiro, University of Kent; L. Joe Moffitt, University of Massachusetts Amherst; Alasdair J. C. Cook, Veterinary Laboratories Agency

Powdery Mildew Risk and Forecasting in Wine Grapes: Do Growers Change Risk Management Strategies in Response to Disease Forecasts?

Travis Lybbert, W. Douglas Gubler, and Nicholas Magnan, University of California, Davis

CONCURRENT SESSIONS, TUESDAY 8:00 AM-9:30 AM

3024 Agribusiness and Management *Tower Building, Second Level, Tower Court A*

CAES Selected Presentation Session

This session empirically examines financial factors that have an effect on basis risk, participation in crop insurance, and the general economic performance of the agricultural sector.

Moderator: Danny LeRoy, University of Lethbridge

Presentations:

Acreage Response for Processing Vegetables in the Great Lakes Region

Bradley Rickard, Cornell University; Joseph V. Balagtas, Purdue University

Whole Farm Income Insurance in a Canadian Context
Calum Turvey, Cornell University

Factors Affecting Discontinuous Participation in Crop Insurance
Bharat M. Upadhyay, Agriculture Financial Services Corporation; Elwin G. Smith, Agriculture and Agri-Food Canada

Impact of Preferential Tax Measures in the Performance of Canadian Agriculture
Fabrice Nimpagariste, Government of Canada

3025 The Economics of Biofuels and Biotechnology *Tower Building, Second Level, Tower Court B*

CAES Selected Presentation Session

This session focuses on the farm-level economic performance of biofuel production and genetically engineered crop varieties.

Moderator: Alison J. Eagle, Duke University

Presentations:

Farm-level Impacts of Genetically Engineered Crops: The Case of Grain Corn and Soybeans in Quebec and Ontario

Bishnu P. Saha and Verna M. Mitura, Statistics Canada; Rakhal Sarker, University of Guelph

Economic Performance of Bt Cotton Varieties in Pakistan
Hina Nazli, Rakhal Sarker, and Karl Meilke, University of Guelph; David Orden, International Food Policy Research Institute

Assessing Shifts in Marginal Agricultural Land Use for Second-generation Biofuel Production—An Analysis Using Agent-based Simulation

Leigh Anderson, Richard Schoney, and James Nolan, University of Saskatchewan

The Economic Feasibility of Bioenergy Production from Miscanthus on the Ontario Greenhouse Industry
Tasneem Virani, Richard Vyn, and Bill Deen, University of Guelph

3027 Market Power and Vertical Coordination Issues in Canadian Meat Sectors *Tower Building, Second Level, Tower Court D*

CAES Organized Symposium

The past decade has seen important structural changes in the Canadian meat sector as a response to long term trends, like the concentration of market power, increased food and feed prices, and trade liberalization, but also in reaction to more recent external shocks, such as diseases, bacterial contaminations, and labor conflicts. This session will examine varying aspects of the meat sector, assessing the economic impacts of important changes and shocks on producers and processors, how they have translated into changes in the sector, and proposing new solutions. The discussion will elaborate on these issues and explore the broader policy implications.

Organizer: Bruno Larue, Université Laval

Moderator: Bruno Larue, Université Laval

Presentations:

Market Power and Instability in the Canadian Livestock Industry
J. Stephen Clark, Nova Scotia Agricultural College

The Economics of Hog Marketing Reforms in Quebec
Jean-Philippe Gervais, North Carolina State University; Remy Lambert, Université Laval

Vertical Coordination and Trade Liberalization in Canada's Poultry's Industry

Sebastien Pouliot, Iowa State University; Bruno Larue, Université Laval

The Economics of Livestock Disease: Supply Chain Competitiveness and Policy Implications

Jill Hobbs, University of Saskatchewan

Tuesday, July 27, 2010

8:30 AM-9:30 AM

3028 Current Business Policy Issues *Plaza Building, Street Level, Director's Row E*

WAEA Organized Symposium

Industry professionals with graduate degrees will discuss a current policy topic and how it applies to their respective firm. Speakers from the beef and energy industries will address policy issues.

Moderator: Michael Boland, Kansas State University

Panelist: Greg Doud, National Cattlemen's Beef Association; Troy Thompson, Chevron Services Company

3029 Current Agribusiness and Food Business Policy Issues *Plaza Building, Street Level, Director's Row H*

WAEA Organized Symposium

Industry professionals with graduate degrees will discuss a current policy topic and how it applies to their respective firm. Speakers from the financial services industry, an international development center, and a policy advocate will address policy issues.

Moderator: Gulnara R. Zaynutdinova, Washington State University

Panelist: Kevin Hoelscher, American Express; Dustin Clevenger, Gavilon Group

CONCURRENT SESSIONS, TUESDAY 9:45 AM-11:15 AM

Tuesday, July 27, 2010

9:45 AM-11:15 AM

3030 Graduate Student Competition in Extension—Winners' Presentations

Plaza Building, Concourse Level, Plaza Court 1

Extension Section and GSS Track Session

This session allows the three winners of the Graduate Student Extension Competition to make their competitive presentations to all meeting registrants. These new professionals will be selected for their ability to develop an extension or outreach program for their thesis research. The criteria for selection includes identification of the target audience, development of an educational program for that audience including the implications of the research for the audience, explanation of how the proposed program could be delivered, and how its effectiveness would be evaluated. The winners will be selected in a competition held on site prior to the session.

Organizer: Frayne Olson, North Dakota State University; Margaretha Rudstrom, University of Minnesota

Moderator: Margaretha Rudstrom, University of Minnesota; Frayne Olson, North Dakota State University

Panelist: Frayne Olson, North Dakota State University

3031



The Contribution of Agricultural Economics to the Understanding of International Economic Development

Plaza Building, Concourse Level, Plaza Court 2

International Section Track Session

This session will combine a presentation of an article that appeared in the Special Centennial Issue of the *AJAE* on Agricultural Development by co-authors Chris Barrett, Michael Carter, and Peter Timmer, with a panel discussion of these issues by luminaries cited in the paper, including Gershon Feder and Tom Reardon. The objective of the session is to stimulate broad discussion about the evolution of thought on issues of agricultural development and of key areas for future research on this topic.

Moderator: Michael Carter, University of California, Davis
Discussant: Gershon Feder, International Food Policy Research Institute; Thomas Reardon, Michigan State University

Presentations:

A Century-long Perspective on Agricultural Development
Michael Carter, University of California, Davis; Peter Timmer, Harvard University; Christopher B. Barrett, Cornell University

3032 Food, Fuel, and Forest: Climate Change and Land Use Issues in the 21st Century

Plaza Building, Concourse Level, Plaza Court 3

International Section Track Session

Different countries have differing starting conditions and differing philosophies that lead to different approaches to climate change mitigation policies which have different implications for agriculture and rural areas. This session will explore climate change policy approaches that are evolving in Europe, United States, Brazil, and China and how they could impact and interact with food, fuel, and land markets. Comparison and discussion of perspectives from four quite different regions and the global context of these differences will contribute to better understanding of the policy differences and how economists have contributed or could contribute to framing and clarifying policy choices.

Moderator: William Meyers, University of Missouri

Panelist: Eustaquio Reis, Institute for Applied Economics Research; Jikun Huang, Center for Chinese Agricultural Policy; Patrick Westhoff, University of Missouri; Jadwiga Ziolkowska, University of California, Berkeley

Discussant: Suchada Langley, USDA-Economic Research Service; Vincent Smith, Montana State University

3033 Biofuel and Alternative Energy

Plaza Building, Concourse Level, Plaza Court 4

AAEA Selected Paper Session

The papers in this session address issues related to biofuel production. One paper examines how the biofuel industry has changed drivers of producer land allocation decisions and explores how the passage of the 1996 Fair Act impacted crop allocations in the Southern United States. The other paper evaluates environmental efficiencies among a sample of corn ethanol plants in the Midwest. It examines differences across decision-making units (DMUs) in life-cycle CO₂-equivalent emissions per gallon of ethanol produced and measures shadow prices for reducing GHGs by reallocating among inputs and outputs.

Moderator: Charles Moss, University of Florida

Presentations:

Environmental Efficiency among Corn Ethanol Plants
Juan P. Sesmero, Richard Perrin, and Lilyan Fulginiti, University of Nebraska

The Effect of U.S. Energy Policy and Farm Program Payments on the Biofuel Sector: A Regime-switching Approach
Charles Moss, University of Florida; Ashok Mishra and Tyler Mark, Louisiana State University

CONCURRENT SESSIONS, TUESDAY 9:45 AM-11:15 AM

3034 Health and Food Behavior

Plaza Building, Concourse Level, Plaza Court 5

AAEA Selected Paper Session

Increasing concerns about the link between public health and diet related diseases help identify a number of unresolved questions about the determinants of healthy food behaviors. In this session, the links between diet quality and food costs, food store location, individual nutrition knowledge and health motivation, and nutrition labeling are each examined. Methods range from the use of designed surveys to analysis of existing ongoing data collected (NHANES, CSFII), all aimed at the determinants of individual behavior.

Moderator: Seda Erdem, University of Manchester

Presentations:

Consumer Demand for Healthy Diet: New Evidence from Healthy Eating Index

Zhifeng Gao and Jonq-Ying Lee, University of Florida; Xiaohua Yu, Georg-August-Universität Göttingen

Adult Obesity and Food Stores' Density—Evidence from State-level Data

Alessandro Bonanno and Stephan Goetz, Pennsylvania State University

The Effects of Educational Campaign Efforts and Standardization of Nutritional Labels of the Nutrition Labeling and Education Act (NLEA) on Diet Quality

Jebaraj Asirvatham and Paul McNamara, University of Illinois at Urbana-Champaign

3035 Product Marketing, Strategy, and Pricing

Plaza Building, Concourse Level, Plaza Court 6

AAEA Selected Paper Session

New product developments, product pricing, and firms' positioning strategies are major factors in firms' growth and profitability. This session focuses on these factors as well as the characteristics of farm market managers that influence success.

Moderator: Leigh Maynard, University of Kentucky

Presentations:

Willingness-to-Pay for New Products in a University Foodservice Setting

Ronald Childress, Lucas Goodman, Xiao He, Sam Kaninda Tshikala, Marie Pelton, Devie Poerwanto, Chinh Tran, Michele Vollaro, Zijuan Zheng, Guzhen Zhou, and Leigh Maynard, University of Kentucky

Farmers Markets: Characteristics of Market Managers and Other Factors Influencing Market Organization

Arbindra Rimal, Jessica E. Bailey, and Benjamin Onyango, Missouri State University

Impact of Alternative Market Orientation Strategies on Firm Performance: Customer vs. Competitor Orientation

Eric Micheels, University of Illinois at Urbana-Champaign; Hamish Gow, Massey University

3036 Input Policies

Plaza Building, Concourse Level, Plaza Court 7

AAEA Selected Paper Session

The papers in this session address a variety of input use issues including pesticide use, refuge policies with GM crops, labor issues, and land use projects.

Moderator: Elizabeth Yeager, Kansas State University

Presentations:

Efficient Refuge Policies for Bt Cotton in India

Rohit Singla, Phillip Johnson, and Sukant Misra, Texas Tech University

Impact of Land Readjustment Projects on Farmland Use and Structural Adjustment: The Case of Niigata Prefecture

Yutaka Arimoto, University of Tokyo

Agricultural Employment Patterns of Migrant Workers in the United States

Jennifer E. Cairns and Francis C. Smart, Michigan State University; Steven Zahniser, USDA-Economic Research Service; William Kandel, Michigan State University

Benefits to Regional Pest Management: Estimating the Spatial Externalities of Conventional Pesticide Use on Beneficial Insects in the California Citrus Industry

Kelly A. Grogan, University of California, Davis

3037 Food Security

Plaza Building, Concourse Level, Plaza Court 8

AAEA Selected Paper Session

Topics in this session include the roles of exchange rates and income, and the implications of U.S. renewable fuel policies and the Special Safeguard Mechanism (SMS) in agriculture.

Moderator: Koichi Yamaura, Kansas State University

Presentations:

Long-term Effects of the U.S. Renewable Fuel Standard on World Hunger

Henry Bryant, Jiamin Lu, James Richardson, and Joe Outlaw, Texas A&M University

Potential Implications of the Special Safeguard Mechanism (SSM) in Agriculture

Thomas W. Hertel, Purdue University; William Martin, World Bank; Amanda Leister, Purdue University

Food Consumption for the Poor: A Supply or An Income Issue?

Evidence from Less-favored Regions in Rural China

Jing Zhu, Nanjing Agricultural University; Denise Hare, Reed College; Funing Zhong, Nanjing Agricultural University

The Role of Exchange Rates and Domestic Policies on Global Rice Food Security

Nelissa Jamora, Michigan State University; Harold Glenn Valera, Mary Joanne Matriz, Imelda Molina, and Samarendu Mohanty, International Rice Research Institute;

CONCURRENT SESSIONS, TUESDAY 9:45 AM-11:15 AM

3038 Issues in Climate Change and Biofuels
Plaza Building, Concourse Level, Governor's Square 9

AERE Session

This session will address issues in climate change with emphasis on the interaction with agriculture and biofuels. The first paper explores the effects of biofuels on food prices using general equilibrium. The second paper examines how capacity constraints affect the price path of oil when the availability of renewable fuel sources implies that a larger share should be extracted immediately. The third paper examines the link between carbon prices, conversion of cropland into forests, and crop prices in a rational expectations framework. The fourth paper tests whether Nigerian families use migration to hedge against income shocks from weather-induced agricultural profit variability.

Moderator: David Zilberman, University of California, Berkeley
Discussant: Marc Gronwald, Ifo Institute for Economic Research; Jerome Dumortier, Iowa State University; Valerie Mueller, International Food Policy Research Institute; JunJie Wu, Oregon State University

Presentations:

Interactions between Food Prices, Energy Markets, and Biofuel Policies: A General Equilibrium Analysis
Christian A. Langpap and JunJie Wu, Oregon State University

The Green Paradox and the Capacity Building Decision
Marc Gronwald and Markus Zimmer, Ifo Institute for Economic Research

Agricultural Production in the Context of Rational Expectations and Greenhouse Gas Policies
Jerome Dumortier, Iowa State University

Migratory Responses to Climate Change in Northern Nigeria
Valerie Mueller, Andrew Dillon, and Sheu Salau, International Food Policy Research Institute

3039 Genetically Modified Food and Welfare—II
Plaza Building, Concourse Level, Governor's Square 10

AAEA Organized Symposium

An edited book, *Genetically Modified Food and Global Welfare* consisting of commissioned chapters, is currently being put together by Giancarlo Moschini, Colin Carter, and Ian Sheldon. Due to the fact that this project is still in its early stages, the objective of this symposium is to bring together several of the book's authors in order to generate and facilitate an informal discussion of the status of research in this area. Authors of chapters on analytical perspectives, empirical findings, and regulatory issues will give a very brief synopsis of the early drafts of their chapters, followed by informal discussion.

Organizer: GianCarlo Moschini, Iowa State University; Ian Sheldon, The Ohio State University; Colin Carter, University of California, Davis

Presentations:

Consumers Willingness-to-Pay for GM and Non-GM Foods
Jayson Lusk, Oklahoma State University

Coexistence: Are the Two Main Property Rights Regimes Symmetric?
Volker Beckerman, Humboldt University

Global Welfare and Trade-related Regulations of GM Food: Biosafety, Markets, and Politics
Guillaume Gruere, International Food Policy Research Institute

Innovation, Risk, Precaution, and the Regulation of GM Products
Alan Randall, The Ohio State University

3040 Production Costs for Energy Crops and Crop Residues
Plaza Building, Concourse Level, Governor's Square 11

AAEA Organized Symposium

The purpose of this session is to exchange information on production costs and break-even prices for crops and crop residues that are being considered as feedstocks for ethanol and other advanced biofuels. The budgets will consider recent harvesting equipment developments and the latest information on production inputs and yields. Ideas on budget formats and software available for managing energy crop budget data will also be discussed.

Organizer: William Lazarus, University of Minnesota

Presentations:

Extending the Duration of Switchgrass to Minimize Delivered Cost in Oklahoma
Francis M. Eppin, Oklahoma State University

Comparison of Switchgrass, Short-Rotation Woody Crops, Corn Stover, and Corn Cob Budgets for Minnesota
William Lazarus, University of Minnesota

Break-even Biomass Price and Yield for Conversion from Corn to Cellulosic Energy Crops in Michigan
Scott Swinton, Michigan State University

Cross-state Comparison of Extension Budgets for Switchgrass
Burton English, University of Tennessee

3041 A Century of Research on Rural Development and Regional Issues
Plaza Building, Concourse Level, Governor's Square 12



CENET Track Session

Rural North America has undergone a major economic transformation over the past century due to labor-saving technological progress, reductions in transport costs, and rising household incomes. The results are greater rural economic diversity, selected rural population decline, increased rural-urban interdependence, emergent exurban areas, and amenity-led rural growth. This session summarizes key research advances over the past 100 years with a focus on this economic transformation of rural places, its implications for rural communities, policies, and key modeling innovations and applications. The many important contributions by agricultural economists are highlighted.

Organizer: Elena Irwin, The Ohio State University

Moderator: Daniel Monchuk, University of Southern Mississippi

Presentations:

A Century of Research on Rural Development and Regional Issues
Elena Irwin, The Ohio State University

A Century of Research on Rural Development and Regional Issues
Maureen Kilkenny, University of Nevada at Reno

A Century of Research on Rural Development and Regional Issues
Mark Partridge, The Ohio State University

3042 A Common Nobel Legacy: Exploring the Intellectual Foundations and Future Implications of the Work of Oliver Williamson and Elinor Ostrom

Plaza Building, Concourse Level, Governor's Square 14

IBES Track Session

The 2009 Nobel Prize in Economic Sciences cited Elinor Ostrom for "her analysis of economic governance, especially the commons" and the work of Oliver Williamson "for his analysis of economic governance, especially the boundaries of the firm." This emphasis on governance, and the role of institutions in economic governance, elevates the importance of the economics of institutions as a factor requiring examination in economics. This session examines the work of Ostrom and Williamson by exploring 1) common elements and methodology of their work, 2) common intellectual foundations of their work, and 3) future opportunities that their work provides for economists.

Organizer: David Schweikhardt, Michigan State University; Brady Deaton, University of Guelph

Moderator: Laura McCann, University of Missouri

Discussant: David Schweikhardt, Michigan State University

Presentations:

The Foundations, Elements, and Methodology of Elinor Ostrom
Brady Deaton, University of Guelph

The Foundations, Elements, and Methodology of Oliver Williamson
James Sterns, University of Florida

3043 Invited Paper Session Featuring Selected Case Studies

Plaza Building, Concourse Level, Governor's Square 15

AAEA Invited Paper Session

This session is comprised of several case studies that demonstrate how the application of economic principles to decision making in the public and private sectors leads to better decisions.

Moderator: Thomas Sporleder, The Ohio State University

Discussant: Christopher Peterson, Michigan State University

Presentations:

Natural Selection: 2006 E. Coli Recall

Jean Kinsey, Jeff Rush, and Xudong Ma, University of Minnesota; Jon Seltzer, University of St. Thomas

Rembrandt Foods, Broken Eggs
Kevin Kimle, Iowa State University

The Acquisition of IBP by Tyson Foods in 2001: Pre- and Post-merger Financial Performance
Michelle Wolfe and Scott Stressman, Apollo Group; Mark Manfred, Arizona State University

3044 Women in Agricultural Economics: A Centennial Celebration

Plaza Building, Concourse Level, Governor's Square 16

CWAE Track Session

Women have made great strides in the profession. We will have a panel of extraordinary women in the profession discuss their perceptions of how far women have come and how far they still have to go.

Organizer: Maria Marshall, Purdue University

Moderator: Catherine Kling, Iowa State University

Panelist: Kathleen Segerson, University of Connecticut; Damona Doye, Oklahoma State University; Julie Caswell, University of Massachusetts Amherst; Sarahelen Thompson, USDA-Economic Research Service

3045 New Advances in the Cooperative Life Cycle Framework

Plaza Building, Concourse Level, Governor's Square 17

AEM Section Track Session

Multiple, often conflicting, theories regarding success and failure of cooperatives exist. Numerous cooperative scholars have posited the existence of a cooperative life cycle. In this track session, we present and discuss theoretical advances informing a cooperative life cycle framework—a systematic method of deciding when to selectively apply relevant theories of collective action. In addition, practitioners will discuss the use of the life cycle framework as a diagnostic tool.

Organizer: Fabio Chaddad, University of Missouri

Discussant: Vincent Amanor-Boadu, Kansas State University; Candace Roper, CoBank

Presentations:

A Cooperative Life Cycle Framework

Michael Cook and Molly Burress, University of Missouri

The Life Cycle Framework as a Diagnostic Tool: Regenerative Options in the Indian Cooperative Dairy Sector

Molly Burress and Michael Cook, University of Missouri

Cooperative Degeneration: A Primer

Fabio Chaddad, University of Missouri

3046 Agricultural Trade and International Development

Tower Building, Terrace Level, Beverly Room

AAEA Selected Paper Session

In this session, four papers examine the impacts of trade on low-income countries. These presentations offer new insight on the effects of trade agreements and the effects of import restrictions or export promotions on developing countries' wealth. Emphasis is not only put on the Doha Development Round but also on regional trade agreement and country-specific programs.

Moderator: Norbert Wilson, Auburn University

Presentations:

Special Safeguard Mechanisms for Developing Countries in the Doha Development Agenda

Heather A. Weeks and Jason Grant, Virginia Tech; Karl Meilke, University of Guelph; Michael McConnell, USDA-Economic Research Service

Economic Significance of Selective Export Promotion on Poverty Reduction and Inter-sectoral Growth in Ethiopia

Zelalem Chala, Jason Grant, and George Norton, Virginia Tech

How NAFTA Affected Poverty in Mexico

Rafael Garduno-Rivera and Kathy Baylis, University of Illinois at Urbana-Champaign

Does WTO Increase Trade? The Case of U.S. Cocoa Imports from Predominantly WTO-member Producing Countries

Osei-Agyeman Yeboah, North Carolina A&T State University; Saleem Shaik, North Dakota State University; Albert Allen, Mississippi State University; Shawn Wozniak, North Carolina A&T State University

CONCURRENT SESSIONS, TUESDAY 9:45 AM-11:15 AM

3047 Price Risk Management in Agribusiness

Tower Building, Mezzanine Level, Century Room

AAEA Selected Paper Session

The papers in this session provide new insights into risk management strategies for agribusiness firms that include hedging across multiple commodities; comparing theoretical models of risk to actual performance; and estimating backward bending investment demand.

Moderator: Gabriel Power, Texas A&M University

Presentations:

Reconciling Theoretical Hedging Models with the Experience of Cotton Merchants in March 2008 *Joseph P. Janzen, University of California, Davis*

Structural Estimation of a Backward Bending Investment Demand Function for Agribusiness Firms

Jaclyn Kropp, Clemson University; Gabriel Power, Texas A&M University

Multi-product Optimal Hedging by Time-varying Correlations in a State Dependent Model of Regime-switching

Hernan A. Tejeda and Barry Goodwin, North Carolina State University

Do Elevators Need a Bigger Umbrella? The Economic Value to Agribusiness Firms of Improved Multi-commodity Risk Management

Dmitry Vedenov and Gabriel Power, Texas A&M University

3048 Climate Policy

Tower Building, Mezzanine Level, Colorado Room

AAEA Selected Paper Session

This session includes a range of policy and management topics relating to climate change. Presentations include examinations of the interaction between energy policies and climate policies, as well as agricultural income effects of climate policy and low-carbon energy demand characteristics.

Moderator: Denis Nadolnyak, Auburn University

Presentations:

Carbon Abatement in the Fuel Market with Biofuel: Implications for Second-best Fuel Taxes

Christine Lasco and Madhu Khanna, University of Illinois at Urbana-Champaign

Modeling the Effects of Cap and Trade and a Carbon Offset Policy on Crop Allocations and Farm Income

Lawton Lanier Nally, Michael Popp, and Corey Fortin, University of Arkansas; Aaron Smith, University of California, Davis

Global Interactions between Bioenergy and Climate Policies

Alla Golub and Thomas W. Hertel, Purdue University; Steven Rose, Electric Power Research Institute; Brent L. Sohngen, The Ohio State University

Institutional Management of Greenhouse Gas Emissions: How Much Does "Green" Reputation Matter?

Timothy Komarek, Frank Lupi, Michael Kaplowitz, and Lauri Thorp, Michigan State University

3049 Water Quality, Quantity, and Policy

Tower Building, Mezzanine Level, Denver Room

AAEA Selected Paper Session

Policy, law, and markets relating to water are complex. This session examines the impacts of policy on water quality in agricultural and urban settings, as well as an examination of water quality trading markets.

Moderator: Marc Ribaud, USDA-Economic Research Service

Presentations:

Effects of Clean Water Act Regulations on Firm Decisions in Agriculture

Stacy Sneeringer and Nigel Key, USDA-Economic Research Service

Simulation of Factors Impeding Water Quality Trading Market Performance

Craig M. Smith, Jeffrey M. Peterson, and John C. Leatherman, Kansas State University

Does Efficient Irrigation Technology Lead to Reduced Groundwater Extraction? Empirical Evidence

Lisa Pfeiffer, NOAA Fisheries; C.-Y. Cynthia Lin, University of California, Davis

Price Endogeneity and Marginal Cost Effects on Incentive Compatible Stormwater Management Policies

Matthew C. Huber, David B. Willis, John C. Hayes, and Charles V. Privette III, Clemson University

3050 Credit, Insurance, and Economic Development

Tower Building, Mezzanine Level, Gold Room

AAEA Selected Paper Session

Microfinance has revolutionized the economic development field in recent decades and has sparked a flurry of empirical research on financial services among the poor. This work has broad policy relevance and has also broadly raised the methodological rigor of research in applied economics. These papers highlight recent advances in our understanding of credit, insurance, and empirical research methods in this area.

Moderator: Christine Moser, Western Michigan University

Presentations:

Ethnic Networks and Enterprise Credit: The Serahules of the Gambia

Ousman Gajigo, World Bank; Jeremy Foltz, University of Wisconsin

Encouragement Designs and Heterogeneous Effects in Agricultural Insurance: Challenges for Impact Evaluations in Agricultural Insurance Interventions

Conner C. Mullally, Stephen Boucher, and Michael Carter, University of California, Davis

How High Is Too High? Soaring Interest Rates and the Elasticity of Demand for Credit in Microfinance

Gabriela Salazar, Calum Turvey, and Vicki Bogan, Cornell University

Formal and Informal Credit Markets and Rural Credit Demand in China

Sai Tang, Harbin Institute of Technology; Zhengfei Guan and Songqing Jin, Michigan State University

CONCURRENT SESSIONS, TUESDAY 9:45 AM-11:15 AM

3051 Private Provision of Ecosystem Services *Tower Building, Mezzanine Level, Silver Room*

AAEA Selected Paper Session

This session explores agricultural producers and private landowners' incentives for providing ecosystem services. Methods include bioeconomic modeling and preference elicitation. The role of green payments, landowner characteristics, alternative payment vehicles, and honey bee "wages" are considered.

Moderator: Matthew Salois, University of Reading

Presentations:

The Dynamics of Pollination Markets

Antoine Champetier de Ribes, University of California, Davis

The Supply of Private Acreage for Public Recreational Use in Southern and Central Appalachia

Zheng Liu, Angelos Pagoulatos, and Wuyang Hu, University of Kentucky

Marketed and Non-marketed Outputs: The Marginal Cost of Producing Ecosystem Services

Johannes Sauer and Grada Wossink, University of Manchester

Do Stated Preference Values Predict Revealed Behavior in "New" Markets for Ecosystem Services? A Comparison of Experiments Addressing Establishing a Market for Farmland Ecosystem Services

Julie I. Santos, Emi Uchida, Christopher M. Anderson, and Stephen Swallow, University of Rhode Island

3052 Household Decision-making *Tower Building, Mezzanine Level, Spruce Room*

AAEA Selected Paper Session

This session provides an international perspective on a variety of household decisions in areas such as breastfeeding and formal employment, household savings, and migration.

Moderator: Oluyemisi Kuku, Iowa State University

Presentations:

Intra-household Bargaining under Asymmetric Information: Modeling Income Hiding within the Household

Carolina Castilla, The Ohio State University

Sex-induced Savings: Are India's Gender Imbalances Inducing Higher Pre-marital Savings and Investment?

Alice Chiu, Derek Headey, and Xiaobo Zhang, International Food Policy Research Institute

Intra-household Time Allocation and Labor Migration Decisions in Rural South China

Lin Zhang and Jill Findeis, Pennsylvania State University

3053 Market and Price Analysis of Agricultural Products in Asian Pacific Countries *Tower Building, Terrace Level, Terrace Room*

AAEA Selected Paper Session

This session highlights the market and price analysis of a variety of agricultural products in several Asian-Pacific countries; consumers' willingness-to-pay for modified food in Republic of Korea and consumers' willingness-to-pay for wine in China; and the cotton market in India and the rice market in Bangladesh.

Moderator: Carola Grebitus, University of Bonn

Presentations:

Effects of Information and Country of Origin on Chinese Consumer Preferences for Wine

Hainan Wang, Washington State University

Determinants of Decision to Pay a Price Premium for Modified Food by Consumers of the Republic of Korea

Ozgur Kaya and Wojciech J. Florkowski, University of Georgia; Dong-Kyun Suh, Rural Development Administration

Markets, Institutions, and the Quality of Agricultural Products: Cotton Quality in India

Stephen MacDonald, USDA-Economic Research Service; Gopal Naik, India Institute of Management; Maurice Landes, USDA-Economic Research Service

Testing Asymmetric Price Transmission in the Deregulated Rice Markets in Bangladesh

Mohammad J. Alam, Ghent University; Ismat A. Begum, Bangladesh Agricultural University; Jeroen Buysse, Ghent University; Andrew M. McKenzie and Eric J. Wailes, University of Arkansas; Guido Van Huylenbroeck, Ghent University

3054 The Economics of Functional Foods *Tower Building, Second Level, Tower Court A*

CAES Selected Presentation Session

This session examines the factors affecting the research and development of functional foods and consumer preferences and acceptance of associated health claims.

Moderator: Claudia Schmidt, George Morris Centre

Presentations:

Functional Foods and Incentives to Innovate

Stavroula Malla, University of Lethbridge; Richard Gray, University of Saskatchewan

"Full Labeling" or "Partial Labeling" in Canadian Consumer's Functional Food Choices

Ningning Zou, University of Saskatchewan

Economic Effects of the Consumer-oriented GM Products in Markets with a Labeling Regime

Rim Lassoued, University of Saskatchewan; Konstantinos Giannakas, University of Nebraska

Niche Markets and Willingness-to-Pay for Disease-specific Functional Juices

Gale E. West, Université Laval; Patrick Verreault, Agriculture and Agri-Food Canada; Bruno Larue, Université Laval

CONCURRENT SESSIONS, TUESDAY 9:45 AM-11:15 AM

3055 Natural Resource Economics

Tower Building, Second Level, Tower Court B

CAES Selected Presentation Session

This session presents papers that examine the effects of green economic policies and climate change on agricultural land use, and look at the economics of Canada's natural resource sector.

Moderator: Alfons Weersink, University of Guelph

Presentations:

The Impact of Climate and Price Changes on the Economics of Prairies Agriculture: Climate vs. Price

Afshin Amiraslany and Richard Gray, University of Saskatchewan

Economic and Environmental Impacts of Land Use Change from Green Economic Policies

Aaron V. De Laporte and Alfons Weersink, University of Guelph;

Dan McKenney and Denys Yemshanov, Natural Resources Canada

Modeling Changes in Agricultural Land Use in the Canadian Prairies with Climate Change

Susan Robertson, University of Alberta

Has Canada Caught Dutch Disease?

Mohammad Shakeri and Richard Gray, University of Saskatchewan

3056 International Trade

Tower Building, Second Level, Tower Court C

CAES Selected Presentation Session

This session theoretically and empirically explores issues involving interpersonal trade across geopolitical boundaries.

Moderator: David Orden, International Food Policy Research Institute

Presentations:

A Reexamination of Factors Affecting United States Softwood Lumber Imports from Canada

Jungho Baek, University of Alaska

Food Aid, Gravity, Political Convergence, and Good Governance

Francis Langlois, Bruno Larue, and Erick Duchesne, Université Laval

Comparative Advantage: From an Individual to the Economy

Predrag Rajsic, University of Guelph

Trade Barriers in the Presence of Changing Firm Behavior: The Case of the Canadian Hog and Pork Industry

Yingchun Dai and Ellen Goddard, University of Alberta

3057 Long-term Agricultural Structural Change in the United States, Canada, and Brazil

Tower Building, Second Level, Tower Court D

CAES Organized Symposium

This session will compare and contrast the structural changes of the agriculture sector of three major producing nations, Canada, Brazil, and the United States. Changes in the agricultural structure in these countries have had implications for agricultural trade, farm income, farm safety nets, and environmental policies. The three papers presentations will evaluate the impacts of structural change, making use of recently released data from these countries, and a subsequent discussion will consider the various drivers of structural change in each country and examine how they will contribute to meeting world demand and reducing hunger.

Organizer: David Culver, Agriculture and Agri-Food Canada; Mary Ahearn, USDA-Economic Research Service

Moderator: Mary Ahearn, USDA-Economic Research Service

Discussant: Krijn Poppe, Wageningen University

Presentations:

Past Trends and Drivers of Structural Changes in U.S. Agriculture
Erik O'Donoghue and Robert Hoppe, USDA-Economic Research Service

Structural Change in Canadian Agriculture and the Impacts on Canadian Farm Income and Farm Households

David Culver and Cally Dhaliwal, Agriculture and Agri-Food Canada

Brazilian Agriculture: A Changing Structure

Flavio Bolliger and Octavio Costa de Oliveira, Brazilian Institute of Geography and Statistics

3058 Current Agribusiness Policy Issues

Plaza Building, Street Level, Director's Row E

AEM Section Track Session/WAEA Organized Symposium

Industry professional with graduate degrees will discuss a current policy topic and how it applies to their respective firm. Speakers from the transportation, confectionary, lending, and sugar industries will address policy issues.

Moderator: Lee Schulz, Kansas State University

Panelist: Brad Clow, Union Pacific; Christian Freberg, The Wrigley Company; Samarendu Mohanty, International Rice Research Institute; Terry Barr, CoBank

3059 Teaching and Learning in the Work Place

Plaza Building, Street Level, Director's Row H

TLC Section Track Session/WAEA Organized Symposium

Industry professional with graduate degrees will discuss how education, teaching, and learning occur in their firm. Speakers from the fruit and vegetable, dairy, and financial services industries will address this topic.

Panelist: Dennis Conley, University of Idaho; Karla Chambers, Stahlbush Island Farms; Robert Yonkers, International Dairy Foods Association; Mark Teague, Toyota Financial Services

Discussant: Linda D. Burbidge, Kansas State University

CONCURRENT SESSIONS, TUESDAY 1:30 PM-3:00 PM

Tuesday, July 27, 2010

1:30 PM-3:00 PM

3060 New Curricular Initiatives: The Case of Undergraduate Programs in Resource/Environmental Economics

Plaza Building, Concourse Level, Plaza Court 1

TLC Section Track Session

This session focuses upon the experience of agricultural/resource/applied economics departments with recent curricular initiatives in the form of majors, concentrations, or specializations in the area of resource/environmental economics. At least 27 departments had such curricular options as of 2009. Questions related to the following topics are to be explored: 1) assessment of demand/need, 2) design of curricular requirements, 3) recruitment strategies, 4) enrollment trends, 5) placement experience, and 6) unique opportunities and challenges. Findings from a survey of departments are to be presented, followed by remarks by a set of panelists and open discussion.

Organizer: William Park, University of Tennessee

Panelist: John C. Bergstrom, University of Georgia; John Braden, University of Illinois at Urbana-Champaign; Susan Capalbo, Oregon State University; John Halstead, University of New Hampshire; William Park, University of Tennessee

3061 Exchange Rates, Prices, and Agricultural Trade: What Have We Learned?

Plaza Building, Concourse Level, Plaza Court 2

International Section Track Session

Recent economic events remind us of the sector-level effects of key macroeconomic variables. In this context, the objective of this track session is to assess agricultural economists' contributions to analyzing the impact of exchange rates on agricultural prices and trade flows. Presentations in the session will focus on the importance of the early research on the impact of exchange rates on agricultural trade flows, as well as crucially assessing the extent to which recent research contributions have extended understanding of the role of exchange rates in determining commodity prices and agricultural trade.

Moderator: David Orden, International Food Policy Research Institute

Discussant: Munisamy Gopinath, Oregon State University

Presentations:

Ed Schuh: His Contributions to Exchange Rate Analysis
Terry Roe, University of Minnesota

Agricultural Trade, Prices, and Exchange Rates
Philip Abbott, Purdue University

Agricultural Trade: Exchange Rate Volatility vs. Uncertainty
Ian Sheldon, The Ohio State University

3062 Demand for Milk and Beverages

Plaza Building, Concourse Level, Plaza Court 3

AAEA Selected Paper Session

This session includes four studies on the demand for milk and beverages.

Moderator: Chen Zhen, RTI International

Presentations:

Micro-demand Systems Analysis of Non-alcoholic Beverages in the United States: An Application of Econometric Techniques Dealing with Censoring

Pedro Alviola IV, University of Arkansas; Oral Capps Jr. and Ximing Wu, Texas A&M University

The Welfare Effect of Organic Milk

Hee-Jung Choi, Michael Wohlgenant, and Xiaoyong Zheng, North Carolina State University

Advertising in the U.S. Non-alcoholic Beverage Industry: Are Spillover Effects Negative or Positive?

Senarath Dharmasena and Oral Capps Jr., Texas A&M University

Are Beverage Categories Separable?

Erika K. Styles, Fort Valley State University; Jonq-Ying Lee, University of Florida

3063 Price Transmission

Plaza Building, Concourse Level, Plaza Court 4

AAEA Selected Paper Session

This session includes four papers analyzing how price shocks are transmitted to related markets.

Moderator: Edward Roeger, USDA-Economic Research Service

Presentations:

The Impact of Market Volatility on the Fertilizer Price Transmission Process

Craig M. Galbraith, Agriculture and Agri-Food Canada

Pass-through of Commodity and Input Costs to Retail Food Prices
Ephraim Leibtag and Edward Roeger, USDA-Economic Research Service

Semiparametric Evidence on the Nature of Price Transmission in Tanzanian Maize Markets

Rico Ihle and Stephan von Cramon-Taubadel, Georg-August-Universität Göttingen

Dynamic and Asymmetric Adjustment in Beef and Pork Prices

William F. Hahn, USDA-Economic Research Service

CONCURRENT SESSIONS, TUESDAY 1:30 PM-3:00 PM

3064 Land Use and the Conservation Reserve Program *Plaza Building, Concourse Level, Plaza Court 5*

AAEA Selected Paper Session

Land use and land use change is affected by myriad public policy suites at all levels of government. This session examines the effect of various land use policies on land use, conservation, and development.

Moderator: Hayley Chouinard, Washington State University

Presentations:

Slippage Effects of the Conservation Reserve Program: New Evidence from Satellite Imagery

David A. Fleming, Pennsylvania State University

A Race to Develop: A Competing Risk Examination of the Pattern and Timing of Land Development in an Exurban County

Douglas Wrenn, The Ohio State University

Alternative Land Use Policies: Real Options with Costly Reversibility

Feng Song, Jinhua Zhao, and Scott Swinton, Michigan State University

Using Enrollment Discontinuities to Estimate the Effect of Voluntary Conservation on Local Land Values

Jacob N. Brimlow, California State University, Chico; Michael Roberts, North Carolina State University

3065 Subsidy Incidence *Plaza Building, Concourse Level, Plaza Court 6*

AAEA Selected Paper Session

This session addresses the questions of who really benefits, by how much, and what are some of the other effects of agricultural subsidies.

Moderator: Dana L. Hoag, Colorado State University

Presentations:

Environmental Impacts of U.S. Agriculture Decoupled Direct Payments

Janet Peckham, Jaclyn Kropp, and Julia Sharp, Clemson University

The Incidence of Agricultural Subsidies on Farmland Rental Rates: Overcoming Bias from Inertia, Expectations, and Tenancy Arrangements

Nathan P. Hendricks and Joseph P. Janzen, University of California, Davis; Kevin Dhuyvetter, Kansas State University

An Empirical Investigation of the Impacts of Government Program Payments on Farmland Rental Rates

Feng Qiu, Jean-Philippe Gervais, and Barry Goodwin, North Carolina State University

Who Really Benefits from Agricultural Subsidies? Evidence from Field-level Data

Michael Roberts, North Carolina State University; Barrett Kirwan, University of Maryland

3066 Firms and Food Safety *Plaza Building, Concourse Level, Plaza Court 7*

AAEA Selected Paper Session

Food safety incidents have the potential to affect both consumers and firms. The papers in this session are focused on a number of different firm impacts: the relationship between mandatory traceability and firms in the context of firm heterogeneity, the impact of a food safety outbreak in a supply chain with market power present, the links between food safety recalls and firm stock prices, and the role of public policy in the application of food safety vaccines.

Moderator: Zhifeng Gao, University of Florida

Presentations:

Welfare Effects of Mandatory Traceability When Firms Are Heterogeneous

Sebastien Pouliot, Iowa State University

Food Product Recalls, Consumer Confidence in the Food System, Media Coverage, and Stock Prices: A Regression and Event Analysis

Pablo Antonio Garcia, Gustavo F. C. Ferreira, and Robert Wes Harrison, Louisiana State University; Jean Kinsey and Dennis Degeneffe, University of Minnesota

Would Subsidizing a Food Pathogen Vaccine Upset the Food Policy Apple Cart?

Mariano Teisl, University of Maine; Stephan Marette, Institut National de la Recherche Agronomique; Brian E. Roe, The Ohio State University

3067 Market Power *Plaza Building, Concourse Level, Plaza Court 8*

AAEA Selected Paper Session

This session includes contributions related to market power in the beef industry, in local markets, and the Mexican corn flour production.

Moderator: James Rude, University of Alberta

Presentations:

Local Buyer Market Power and Horizontally Differentiated Manufacturers

Shinn-Shyr Wang, Christian Rojas, and Nathalie Lavoie, University of Massachusetts Amherst

Dynamic Assessment of Oligopoly, Oligopsony Power, and Cost Efficiency Using the New Empirical Industrial Organization in the U.S. Beef Packing Industry

Chanjin Chung and In Bae Ji, Oklahoma State University

Market Power after the Transition

Karen E. Thome and Pierre Merel, University of California, Davis

CONCURRENT SESSIONS, TUESDAY 1:30 PM-3:00 PM

3068 Pollution Control and Voluntary Programs

Plaza Building, Concourse Level, Governor's Square 9

AERE Session

This session includes papers that focus on pollution control through voluntary programs. Specific topics covered include: environmentally friendly technical change in small and medium sized firms from an innovation systems perspective; mechanisms to promote greater compliance with ambient levels of pollution; participation in and effectiveness of EPA's 33/50 program to reduce toxics emissions; and the effectiveness of such programs for inducing adoption of environmental technology.

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

Discussant: Martina Vidovic, Rollins College; Xiang Bi, University of Illinois at Urbana-Champaign; Bahar Erbas, Duquesne University; Gregory Colson, University of Georgia

Presentations:

Impact of the EPA's Voluntary Pollution Prevention 33/50 Program on Facility Participation and Emissions

Martina Vidovic and Neha Khanna, Rollins College

From an Innovation System Perspective: Environmentally Friendly Technical Change and Small and Medium Sized Enterprises

Pinar Geylani and Bahar Erbas, Duquesne University

Multiple Receptor Ambient Monitoring and Firm Compliance with Environmental Taxes under Budget and Target Driven Regulatory Emissions

Gregory Colson, University of Georgia; Luisa Menapace, Iowa State University

Spatial Determinants of Pollution Prevention: Role of Mandatory Regulations and Voluntary Program Participation

Xiang Bi and Madhu Khanna, University of Illinois at Urbana-Champaign

3069 Dairy Market Volatility Causes and the Role of Policy

Plaza Building, Concourse Level, Governor's Square 10

AAEA Organized Symposium

Price variability in dairy markets has increased dramatically. This session addresses three questions. First, what factors contribute to this increase? Changes to market structure, both supply and demand, that affect supply response and price transmission are among the likely candidates. Second, do existing policies alleviate or exacerbate the problem? Attention focuses on the Milk Marketing Orders, dairy price support programs, and the Milk Income Contract Loss program. Dairy industry initiatives, such as herd buy-outs, are also considered. Third, what options address dairy price variability?

Organizer: Wyatt Thompson, University of Missouri

Moderator: Wyatt Thompson, University of Missouri

Presentations:

Dairy Market Variability Causes and Consequences

Jean-Paul Chavas, University of Wisconsin

Changing Market Structure and Demand: Implications for Price Variability

Richard Stillman, USDA-Economic Research Service

MILC and Herd Buy-out as Cures and Causes of Dairy Price Variability

Scott Brown, University of Missouri

3070 Emerging and Current Issues in Agricultural Biotechnology

Plaza Building, Concourse Level, Governor's Square 11

COSBAE and CWAE Track Session

The comingling of biotech and organic products raises new challenges, which researchers have just begun to understand. This session is designed to provide a forum to address the various challenges that biotech stakeholders face in the dynamic yet controversial biotech market.

Organizer: Blondel A. Brinkman, USDA-Animal and Plant Health Inspection Service; Duncan M. Chembezi, Alabama A&M University
Discussant: Julie Caswell, University of Massachusetts Amherst

Presentations:

Trend in Biotechnology—Technology Provider's Perspective

Nicholas Kalaitzandonakes, Alexandre H. Magnier, and Douglas J. Miller, University of Missouri

A Comparison between Perception of Risks and Willingness to Serve GM Foods

William Nganje, Arizona State University

Challenges in Producers' Adoption of Biotechnology

Corinne Alexander, Purdue University

3071 Exploring the Interface between Local Food Systems and Community Economics

Plaza Building, Concourse Level, Governor's Square 12

CENET Track Session

Local food systems are seen by advocates as a means of mitigating adverse environmental impacts, reducing nutrition and health risks, and addressing economic development challenges. Three speakers will address different community economic development and policy aspects of local food systems, including unique business practice and demographics of direct marketing producers, marketing behavior in local food systems channels, and the implications of buy local and farm-to-school programs. Discussion will focus on opportunities for researchers to contribute to the understanding of local food system conduct and performance, as well as the barriers to conducting such research given data limitations.

Organizer: Dawn Thilmany McFadden, Colorado State University

Presentations:

Economic Impact of Farm-to-School Programs: A Central Minnesota Example

Robert P. King, Brigid A. Tuck, and Monica R. Haynes, University of Minnesota

Buying Local: The Economics of Import Substitution

Phil Watson and Stephen Cooke, University of Idaho

What We Know about Buyers and Sellers in Farmers Markets in Central North Carolina

Mitchell Renkow, North Carolina State University

Spatial and Contextual Factors Driving Farm Participation in Local Foods

Sarah Low and Steve Vogel, USDA-Economic Research Service

Unique Characteristics of Direct Market Producers

Dawn Thilmany McFadden, Colorado State University

3072



Policy Responses to Instability in Agricultural Markets: Retrospect and Prospect

Plaza Building, Concourse Level, Governor's Square 14

FAMPS Track Session

Market instability has been an elemental justification for government intervention in agricultural markets. Economists have made significant contributions in developing, implementing and analyzing a diverse range of policy options to address this instability. Despite the rapid evolution of the farm sector and elements of the food/fiber supply chains, the role of government policy in addressing this issue engenders ongoing debate. This session will explore contributions of agricultural economists to our knowledge of market instability and policy interventions using examples from futures markets, specialty crops, and dairy, which also reflect different regional concentrations, sources of risk, and histories of government involvement.

Organizer: Charles Nicholson, California Polytechnic State University, San Luis Obispo

Moderator: Charles Nicholson, California Polytechnic State University, San Luis Obispo

Presentations:

Research on Agricultural Markets: A 100-year Perspective
Robert Myers, Michigan State University

Are Policies Needed to Address Volatility Specialty Crop Markets?
Jay Noel, California Polytechnic State University, San Luis Obispo

U.S. Dairy Policy: Cause or Cure for Price Variation?
Andrew Novakovic, Cornell University

3073 Economic Implications of Imputation in Agricultural Economic Data

Plaza Building, Concourse Level, Governor's Square 15

AAEA Invited Paper Session

Missing data are a pervasive problem in economic surveys. In this session we present three papers that demonstrate how different methods of imputation for missing data can affect the results of agricultural economic analysis. The first two papers address the impacts of imputation in the Agricultural Resource Management Survey (ARMS), a large survey of farm businesses and their associated households. The third paper uses aggregate state-level data. The goals of the session are 1) to raise awareness of imputation methods in agricultural and applied economics and 2) to show how better imputation methods can improve empirical work in agricultural economics.

Organizer: T. Kirk White, USDA-Economic Research Service

Moderator: T. Kirk White, USDA-Economic Research Service

Discussant: Sujit Ghosh, North Carolina State University

Presentations:

The Implications of Imputation for Farm-level Total Factor Productivity Estimates from ARMS Data

T. Kirk White, USDA-Economic Research Service

Comparative ARMS Imputation Methods for Farm Household Income

Mary Ahearn, Dave Banker, Dawn Marie Clay, and Daniel Milkove, USDA-Economic Research Service

Estimating Cost and Production Functions Using Multiply Imputed Data

Charles Moss, University of Florida; Ashok Mishra, Louisiana State University

3074

How Health Is Changing the Dynamics of Food Innovation

Plaza Building, Concourse Level, Governor's Square 16

AEM Section and FSN Section Track Session

This session examines how food innovation systems are changing in response to new research on relationships between food and health and the opportunities to create new products and markets for foods with positive health related properties. Consumers have expanded their search criteria for new product attributes, which they perceive to be related to health. These include functional foods and nutraceuticals but can also include elements only loosely linked to health such as organic, local food, and environmental claims. Firms are expanding their product offerings and reshaping their marketing strategies in response to the new opportunities to link food and health.

Organizer: David Sparling, University of Western Ontario

Moderator: David Sparling, University of Western Ontario

Discussant: Ellen Goddard, University of Alberta; Thomas Sporleder, The Ohio State University

Presentations:

Consumer Acceptance of Functional Foods and Natural Health Products: Case Studies from Canada
John Cranfield, University of Guelph

The Role of Policy and Industry Strategy in Supporting and Capitalizing Healthy Food Innovations: A Case Study Analysis
David Sparling, University of Western Ontario

Translating Nutrition Research into Economic Opportunities—Healthy Food Innovations, Media, and Agri-food Chains
Brandon Schaufele and Pamela Laughland, University of Western Ontario

3075 Extension Section Crops Outlook

Plaza Building, Concourse Level, Governor's Square 17

Extension Section Track Session

This session continues the long history of Extension Section Outlook Track Sessions, and will focus on grain and oilseed situation and outlook and provide insights into the potential impacts of Conservation Reserve Program (CRP) contract renewal on crop production. Presenters will explore the current trends in grain and oilseed production, demand factors influencing crop markets, price outlook, and potential future production adjustments from CRP enrollment decisions.

Organizer: Frayne Olson, North Dakota State University

Moderator: Frayne Olson, North Dakota State University

Presentations:

Corn and Soybean Situation and Outlook
Christopher Hurt, Purdue University

Wheat Situation and Outlook
Frayne Olson, North Dakota State University

Potential Impacts of CRP Renewal
Daniel Hellerstein, USDA-Economic Research Service

Consensus Forecasts
Ronald Plain, University of Missouri

CONCURRENT SESSIONS, TUESDAY 1:30 PM-3:00 PM

3076 Land Valuation and Capital Structure Issues

Tower Building, Terrace Level, Beverly Room

AAEA Selected Paper Session

The papers in this session consider land valuation and capital structure issues: forecasting of land values, a dynamic analysis of land prices, and a spatial analysis of land cash rents.

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

Presentations:

Can the Federal Reserve Bank's Survey of Agricultural Credit Conditions Forecast Land Values?

Christopher Zakrewicz and B. Wade Brorsen, Oklahoma State University; Brian Briggeman, Federal Reserve Bank of Kansas City

Dynamic Analysis of Land Prices with Flexible Risk Aversion Coefficients

Jin Xu and David Leatham, Texas A&M University

A Spatial Analysis of Illinois Agricultural Cash Rents

Shannon Woodard and Nicholas Paulson, University of Illinois at Urbana-Champaign; Joshua Woodard, Texas A&M University; Kathy Baylis, University of Illinois at Urbana-Champaign

3077 Spatial Dimensions of Invasive Species: Bioeconomic Modeling Using Cellular Automata

Tower Building, Mezzanine Level, Century Room

AAEA Selected Paper Session

This session explores spatial dimensions of invasive species' impacts and management. These papers use cellular automata models to evaluate the importance of resilience, targeted management, cooperation, and landowner "rules of thumb" in invasive species management.

Moderator: Damian C. Adams, Oklahoma State University

Presentations:

Stepping Stones for Biological Invasion: A Bioeconomic Model of Transferable Risk

Travis W. Warziniack, University of Heidelberg; David Finnoff, University of Wyoming; Jonathan Bossenbroek, University of Toledo; Jason Shogren, University of Wyoming; David Lodge, University of Notre Dame

Optimal Control of Spatial-dynamic Processes: The Case of Biological Invasions

Rebecca Epanchin-Niell and James Wilen, University of California, Davis

Positive Analysis of Invasive Species Control as a Spatial-dynamic Process

George Frisvold, Esra Buyuktahtakin, Aaryn Olsson, Ferenc Szidrovsky, and Zhuo Feng, University of Arizona

Cooperation, Spatial-dynamic Externalities, and Invasive Species Management

Rebecca Epanchin-Niell and James Wilen, University of California, Davis

3078 Applications of Experimental Methods

Tower Building, Mezzanine Level, Colorado Room

AAEA Selected Paper Session

This session explore risk preferences, insurance demand, residential energy efficiency measures using field experiments. It also explores water quality trading and milk quota exchanges from an experimental perspective.

Moderator: Jordan Suter, Oberlin College

Presentations:

Risk Preferences and Demand for Insurance in Peru: A Field Experiment

Francisco B. Galarza, Universidad Francisco Marroquin

Auction Experiments to Simulate Milk Quota Exchanges

Jens-Peter Loy, University of Kiel

Water Quality Trading in the Presence of Discrete Abatement

Costs: An Experimental Analysis of Contract Length and the Timing of Investment

Luke Jones and Christian Vossler, University of Tennessee

Estimating Payback to Residential Energy Efficiency Measures: A Field Experiment

Jordan Suter, Oberlin College

3079 Non-timber Determinants of Forest Management

Tower Building, Mezzanine Level, Denver Room

AAEA Selected Paper Session

This session investigates the effects of biofuel policies, carbon sequestration incentives, economic development and strategic behavior on forest management, and conservation around the globe. Analyses draw upon dynamic optimization, simulation, econometrics, and game-theory.

Moderator: Gwenlyn Busby, Virginia Tech

Presentations:

Long Term vs. Temporary Certified Emission Reductions in Forest Carbon-sequestration Programs

Gregmar Galinato and Aaron Olanie, Washington State University; Shinsuke Uchida, University of Maryland; Jonathan Yoder, Washington State University

Reaching Far into the Woods: Impact of Roads on Forest Structure in China

Karen A. Sullivan and Emi Uchida, University of Rhode Island; Xiangzheng Deng and Jikun Huang, Center for Chinese Agricultural Policy; Scott Rozelle, Stanford University; John Gibson, Waikato Management School

The Impact of U.S. and European Biofuel Policies on Forest Carbon

Yoon Hyung Kim, The Ohio State University; Alla Golub, Purdue University; Brent L. Sohngen, The Ohio State University; Thomas W. Hertel, Purdue University; Steven Rose, Electric Power Research Institute

Estimating Private Incentives for Wildfire Risk Mitigation: Determinants of Demands for Different Fire-safe Actions

Mimako Kobayashi, Nikolaos Zirogiannis, Kimberly Rollins, and Mariah D.R. Evans, University of Nevada at Reno

CONCURRENT SESSIONS, TUESDAY 1:30 PM-3:00 PM

3080 Production Technology

Tower Building, Mezzanine Level, Gold Room

AAEA Selected Paper Session

The papers in this session employ advanced econometric techniques and spatial analysis to examine production decisions under a variety of data structures.

Moderator: Roderick Rejesus, North Carolina State University

Presentations:

Changes in Producers' Perceptions of Within-field Yield Variability Following Adoption of Cotton Yield Monitors

Roderick Rejesus and Michele Marra, North Carolina State University; Roland Roberts, Burton English, and James Larson, University of Tennessee; Kenneth Paxton, Louisiana State University

Economics of Pre-Plant, Topdress, and Variable Rate Nitrogen Application in Winter Wheat

Christopher Boyer, B. Wade Brorsen, William R. Raun, D. Brian Arnall, and John B. Solie, Oklahoma State University

Conservation Tillage, Pesticide Use, and Biotech Crops in the United States

Jorge Fernandez-Cornejo, Richard Nehring, and Charlie Hallahan, USDA-Economic Research Service; Arthur Grube, U.S. Environmental Protection Agency

Effect of Nitrogen Fertilization and Liming on Rye-Ryegrass Yield and Soil pH Dynamics

Emmanuel Tumusiime and B. Wade Brorsen, Oklahoma State University; Jagadeesh Mosali and Jon T. Biermacher, Samuel Roberts Noble Foundation

3081 Ecosystem Services and Resource Conservation

Tower Building, Mezzanine Level, Silver Room

AAEA Selected Paper Session

This session includes papers that focus on policy for natural resource conservation and the provision of ecosystem services. Topics include recreational amenities, wildlife, and off-farm impacts of agriculture.

Moderator: Philip Wandschneider, Washington State University

Presentations:

On the Empirics of Ecosystem Services Schemes: Technology, Risk, and Compliance

Johannes Sauer, University of Manchester

Adverse Selection in Conservation Auctions: Theoretical and Experimental Results

Kent Messer, Joshua Duke, and Michael Arnold, University of Delaware

Can Domestication of Wildlife Lead to Conservation? The Economics of Tiger Farming in China

Brant Abbott and G. Cornelis Van Kooten, University of Victoria; Mark E. Eiswerth, University of Northern Colorado

Optimal Allocation of Land for Conservation: A General Equilibrium Analysis

Sahan Dissanayake and Hector Nunez, University of Illinois at Urbana-Champaign

3082 Biomass and Carbon Sequestration

Tower Building, Mezzanine Level, Spruce Room

AAEA Selected Paper Session

This session includes presentations on the effects of climate policy on biomass distribution and use, for biomass in the form of soil and forest carbon and agriculturally-produced biomass.

Moderator: David Archer, USDA-Agricultural Research Service

Presentations:

Designing Contracts for Reducing Emissions from Deforestation and Forest Degradation

Paula Cordero Salas, The Ohio State University

The Effect of Carbon Payments on Deforestation Rates: Estimates from a Global Forestry and Agricultural Model

Suk-Won Choi, National Center for Atmospheric Research; Brent L. Sohngen, The Ohio State University; Alla Golub and Thomas W. Hertel, Purdue University

Using Cellulosic Ethanol to "Go Green": What Price for Carbon?

Alicia Rosburg and John Miranowski, Iowa State University

3083 Enhancing Student Learning: Theory and Practice

Tower Building, Terrace Level, Terrace Room

AAEA Selected Paper Session

For decades, we have focused on how to improve our teaching. In recent years, emphasis has shifted from the input (our teaching practices) to the output (enhanced student learning). What do we know about how students learn? Given our knowledge of how students learn, what teaching practices can we implement to enhance that learning? This session will offer a combination of theory and practice to help enhance student learning through the use of effective teaching methods.

Moderator: Maria Marshall, Purdue University

Presentations:

Identifying Student Success at a Land Grant Institution

Mark Holmgren and Vicki McCracken, Washington State University

Implications of Neuroscience Developments in Understanding Human Behavior for Teaching in Agricultural Economics/Agribusiness

Amanda Bruce and Jared Bruce, University of Missouri at Kansas City; Bryan Schurle and Yacob Zereyesus, Kansas State University

"Academic Coaching" for Enhanced Learning, Higher Levels of Student Responsibility, and Greater Retention

Andrew Barkley, Kansas State University

3084 How Graduate School Prepared Me for a Career in Industry

Plaza Building, Street Level, Director's Row E

GSS Track Session/WAEA Organized Symposium

Industry professional with graduate degrees will provide information on why they choose careers in industry and how their graduate degree has helped them in their occupations. Speakers from the finance and consulting industries will address this topic.

Moderator: Witsanu Attavanich, Texas A&M University

Panelist: Karen Taylor, Farm Credit Canada; Richard Fritz, Global Agri Trends; Sterling Liddell, Iowa Farm Bureau Federation

CONCURRENT SESSIONS, TUESDAY 1:30 PM-3:00 PM

- 3085 Policy Issues Affecting Food and Agribusinesses**
Plaza Building, Street Level, Director's Row H

FAMPS Track Session/WAEA Organized Symposium

Industry professional with graduate degrees will discuss a current policy topic and how it applies to their respective firm. Speakers from the food safety, agricultural consulting, and fruit and vegetable industries and a public policy education firm will discuss policy issues.

Panelist: Neilson Conklin, Farm Foundation; Craig Marotz, Sensitech; Tim Watts, Watts & Associates, Inc; Bill Chambers, Stahlbush Island Farms

Discussant: Jeff Luckstead, Washington State University

Tuesday, July 27, 2010

4:00 PM-5:30 PM

- 3086 Outstanding Intellectual Contributions by Agricultural Economists**
Plaza Building, Concourse Level, Plaza Court 1

Senior Section Track Session

Agricultural and applied economists have made many outstanding contributions to our understanding of the economic and policy issues impacting the agricultural sector and other parts of the economy over the past 100 years. What have been the most outstanding contributions and who have been the contributors? After considering the various sub-disciplines in the profession, each of the four speakers and the discussant will highlight and document three to five of these outstanding contributions, and note the major contributors to each. Then the audience will be given an opportunity to add their choices.

Organizer: Vernon Eidman, University of Minnesota

Moderator: Vernon Eidman, University of Minnesota

Discussant: Bernard Stanton, Cornell University

Presentations:

Outstanding Contributions in Policy, Trade, and International Development

Alex McCalla, University of California, Davis

Outstanding Contributions in Production Economics, Risk and Expectations, Futures Prices, and Productivity Analysis

Jean-Paul Chavas, University of Wisconsin

Outstanding Contributions in Resource, Environmental, and Regional Economics

Catherine Kling, Iowa State University

Outstanding Contributions in Food and Consumer Economics
Jean Kinsey, University of Minnesota

- 3087 Climate Change and Agriculture: Impacts, Adaptation, and Mitigation**
Plaza Building, Concourse Level, Plaza Court 2

International Section Track Session

The December 2009 Copenhagen climate change negotiations have come and gone, with limited results. It is likely that discussions will continue throughout 2010 about appropriate roles for developed and developing countries in greenhouse gas mitigation, the need for better monitoring, reporting, and verification for all countries, and the urgency of rapid action. The presentations in this session include reports on the impacts of climate change on agriculture world-wide and the costs of adaptation, likely U.S. climate change legislation and consequences for U.S. agriculture, and synergies between climate change adaptation and mitigation.

Moderator: Kitty Smith, USDA-Economic Research Service

Panelist: Gerald Nelson, International Food Policy Research Institute; Nancy McCarthy, Food and Agriculture Organization of the United Nations; Bruce McCarl, Texas A&M University

- 3088 Climate Change Legislation: Food Sector Impacts**
Plaza Building, Concourse Level, Plaza Court 3

FAMPS Track Session

The U.S. Congress is currently considering climate change legislation. If passed, the legislation could have far-reaching impacts on the U.S. and world economies. Depending on the form of the final legislation, the costs of energy-related inputs may increase, which could substantially raise the costs of growing crops, raising livestock, processing food, transporting products around the world, and getting food to final consumers. This panel discussion tries to make sense of these disparate potential effects on the food sector. The discussion focuses on the state of climate change debate and examines possible impacts on all the players in the food supply chain.

Organizer: Patrick Westhoff, University of Missouri; Duncan M. Chembezi, Alabama A&M University

Moderator: Blondel A. Brinkman, USDA-Animal and Plant Health Inspection Service; Duncan M. Chembezi, Alabama A&M University

Panelist: Patrick Westhoff, University of Missouri; Joe Outlaw, Texas A&M University; Susan Capalbo, Oregon State University; Craig Jagger, House Agriculture Committee; Hayden Milberg, Senate Agriculture Committee

- 3089 Investment, Trade, and R&D In International Development**
Plaza Building, Concourse Level, Plaza Court 4

AAEA Selected Paper Session

Policies that directly affect investment and trade decisions often have important indirect effects on the economic development process. These indirect linkages are nuanced and often overlooked, but can also be of first-order importance. This session brings together three papers that explore these important policy linkages from three distinct perspectives.

Moderator: Abdoul Sam, The Ohio State University

Presentations:

Third-party Facilitation of Investments in Private Enforcement Capital: Evidence from Armenian Dairy Industry

Aleksan Shanoyan, Michigan State University; Hamish Gow, Massey University; R. Ross and Christopher Peterson, Michigan State University

Are the Poverty Effects of Trade Policies Invisible?

Monika Verma and Thomas W. Hertel, Purdue University; Ernesto Valenzuela, University of Adelaide

Effects of Pension Privatization on Foreign Direct Investments: Empirical Evidence from Latin America

Chris Reece, University of Pennsylvania; Abdoul Sam, The Ohio State University

CONCURRENT SESSIONS, TUESDAY 4:00 PM-5:30 PM

3090 Trade Policy

Plaza Building, Concourse Level, Plaza Court 5

AAEA Selected Paper Session

The papers in this session address the important and unavoidable topic of the distributional impacts of liberalized trade policies—from a non-U.S. perspective.

Moderator: Robert Dismukes, USDA-Economic Research Service

Presentations:

Impacts of Export Controls on Wheat Markets During the Food Crisis 2007–2008 in Russia and Ukraine

Linde Goetz and Thomas Glauben, Leibniz-Institute of Agricultural Development in Central and Eastern Europe; Bernhard Brümmer, Georg-August-Universität Göttingen

Effect of NAFTA on Mexico's Agricultural Producers

Kathy Baylis and Joanne R. Henderson, University of Illinois at Urbana-Champaign

Global Inequality Impacts of Multilateral Liberalization

Roman Keeney and Amanda Leister, Purdue University

3091 Land Markets

Plaza Building, Concourse Level, Plaza Court 6

AAEA Selected Paper Session

Successes and failures in rural agricultural development often directly reflect the efficiency or flaws in underlying factor markets. Land markets, as arguably the most important such factor market, are often subject to important rigidities, constraints, and limitations. The papers in this session will address the implications of specific features of local land markets for rural agricultural development.

Moderator: Klaus Deininger, World Bank

Presentations:

Do Limitations in Land Rights Transferability Influence Low Mobility Rates in Ethiopia?

Valerie Mueller and Alan De Brauw, International Food Policy Research Institute

Going Digital: Computerized Land Registration and Credit Access in India

Klaus Deininger and Aparajita Goyal, World Bank

Large Scale Land Acquisition for Agribusiness Investment: Extent and Determinants of the "Global Land Grab"

Rabah Arezki, International Monetary Fund; Klaus Deininger and Harris Selod, World Bank

Does Land Fragmentation Reduce Efficiency? Micro-evidence from India

Daniel Monchuk, University of Southern Mississippi; Klaus Deininger, World Bank; Hari Nagarajan, National Council of Applied Economic Research

3092 Consumer Preference for Quality Information and Labeling Information

Plaza Building, Concourse Level, Plaza Court 7

AAEA Selected Paper Session

This session highlights the relative importance and consumers' willingness-to-pay for product quality information and labeled information; binary labels and index labels are compared; the potential of using visual presentation of attributes; and how product labeling interacts with tasting experience.

Moderator: William Nganje, Arizona State University

Presentations:

Is Presentation Everything? Using Visual Presentation of Attributes in a Discrete Choice Experiment to Measure the Relative Importance of Intrinsic and Extrinsic Beef Attributes

Wendy J. Umberger, University of Adelaide; Simone C. Mueller, University of South Australia

Do Taste Buds Trump Labels and Information? A Sensory Test and Economic Experiment on Organic and Local Apples

Marisa Bunning, Marco Costanigro, Stephan Kroll, and Dawn Thilmany McFadden, Colorado State University

The Role of Taste Perception for the Success of Country of Origin Labeling in the Case of Organic Pepper

Heike Kloeckner, Nina Langen, and Monika Hartmann, University of Bonn

3093 Weather Risk and Insurance Derivatives

Plaza Building, Concourse Level, Plaza Court 8

AAEA Selected Paper Session

The papers in this session examine issues related to modeling and pricing weather-based insurance products. Topics include new advances in the modeling of weather risk and the potential implications on yield predictions.

Moderator: Eric J. Belasco, Texas Tech University

Presentations:

The Impacts of Thresholds on Risk Behavior: What's Wrong with Index Insurance?

Daniel Osgood, Columbia University

Dependence Structure and Spatial Contagion among Agricultural Insurance Indices

Pu Liu and Mario Miranda, The Ohio State University

Pricing Spatial Basis Risk for Weather Index Insurance

Michael Norton, Columbia University; Calum Turvey, Cornell University; Daniel Osgood, Columbia University

The Value of Long-term Climate Forecast Information in Weather Index Insurance

Denis Nadolnyak, Auburn University

3094 Working with the New NIFA

Plaza Building, Concourse Level, Governor's Square 9

AAEA Organized Symposium

The National Institute for Food and Agriculture (NIFA) came into existence in October 2009 replacing CSREES. The session will outline opportunities to work with the new leadership in order to increase funding for agricultural economics. Information will be offered on how to apply for grants in NIFA, how to be the lead investigator on a multi-disciplinary team, and how to provide NIFA with information regarding the cutting edge economics research.

Organizer: Tamara Wagester, C-FARE

Moderator: Jon Brandt, North Carolina State University

Panelist: Franklin Boteler, USDA-National Institute of Food and Agriculture; Craig Beyrouthy, Colorado State University; James Shortle, Pennsylvania State University

CONCURRENT SESSIONS, TUESDAY 4:00 PM-5:30 PM

- 3095 The Economic Crisis of 2008–09 and Agriculture**
Plaza Building, Concourse Level, Governor's Square 10

AAEA Organized Symposium

Using recent research, the presenters in this session have evaluated the implications of the crisis on U.S. and global agriculture. They follow with an analysis of the causes and evolution of the crisis: global imbalances in savings and trade, increasing global integration, policies to sterilize excess dollar flows, and weak international institutions to modify global imbalances. The session then assesses the impacts of the crisis: reduced agricultural trade, commodity prices, and declines in farm income and land values globally. It will also evaluate what the longer term impacts of the global recession are likely to be for agriculture and the broader world economy.

Organizer: Mathew Shane, USDA-Economic Research Service
Moderator: Janet Perry, USDA-Economic Research Service

Presentations:

What the 2008–09 Global Economic Crisis Means for U.S. Agriculture

Mathew Shane, USDA-Economic Research Service

What the 2008–09 Global Economic Crisis Means for U.S. Farm Income and Real Estate Values

Mitch Morehart, USDA-Economic Research Service; Andrew Morton, U.S. Commodity Futures Trading Commission

The 2008–09 Economic Crisis, Global Imbalances, and Agriculture

Terry Roe, University of Minnesota

The Global Economic Crisis and Agricultural Prices

Munisamy Gopinath, Oregon State University

- 3096**  **Econometric Developments in Agricultural and Resource Economics: The First 100 Years**
Plaza Building, Concourse Level, Governor's Square 11

Econometrics Section Track Session

This session reviews the major contributions of agricultural and resource economists in the area of econometrics over the past 100 years. Early on, a number of agricultural economists were in on the ground floor in terms of developing new econometric methods. Over time as the economics profession became more empirically oriented, agricultural and resource economists increasingly assumed the role of early adopters of new econometric methods. Even so agricultural and resource economists continue to make useful modifications to econometric techniques in order to adapt the methods to the unique nature of the problems and applications that we study.

Moderator: Jeffrey LaFrance, Washington State University
Discussant: David Bessler, Texas A&M University

Presentations:

Econometric Developments in Agricultural and Resource Economics: The First 100 Years

Jeffrey Dorfman, University of Georgia

- 3097 New Developments in Crop Insurance and Their Implications for 2010 and Beyond**
Plaza Building, Concourse Level, Governor's Square 12

ARA Section Track Session

The purpose of this session is to address recent developments within the federal crop insurance program and its relationship to other farm programs.

Moderator: Keith Collins, USDA-Office of the Chief Economist

Presentations:

The Perspective from RMA

Kent Lanclos, USDA-Risk Management Agency

The Academic Perspective

Barry Barnett, Mississippi State University

Industry Perspective

Thomas Zacharias, National Crop Insurance Services

- 3098 Promoting Food Choice and Health for Children: Political, Economic, and Behavioral Aspects**
Plaza Building, Concourse Level, Governor's Square 14

FSN Section Track Session

Scientific evidence shows that a balanced diet comprising healthy and diverse foods is essential for lowering the risk of chronic conditions—cardiovascular diseases, obesity, and diabetes. In many industrial countries, children and adolescents in particular fail to meet public health guidelines. Dietary patterns adopted in early childhood shape future food choice, as early familiarity with healthy food or a lack thereof provides lasting “food roots.” Thus, to increase healthy food choices of children promises a high return on investment. The roles of individual behavior as well as political and societal determinants are considered in the researchers’ presentations.

Organizer: Carola Grebitus, University of Bonn; Larissa Drescher, Technische Universität München

Moderator: Allen Wysocki, University of Florida

Discussant: Jayson Lusk, Oklahoma State University

Presentations:

Addressing Childhood Obesity: An Economic and Policy Challenge

Sean B. Cash, University of Wisconsin; Larissa Drescher, Technische Universität München

Determinants of Parents’ Purchase Patterns of Foods for Children—Evidence From Germany

Carola Grebitus, Gesa Maschkowski, and Johannes Simons, University of Bonn

Fruit and Vegetable Consumption of Children: The Role of Advertisement

Monika Hartmann, University of Bonn; Lisa House, University of Florida

Children’s Consumption of Fruits and Vegetables: School Meals vs. Home Meals

Ariun Ishdorj, Texas A&M University; Helen Jensen, Iowa State University

CONCURRENT SESSIONS, TUESDAY 4:00 PM-5:30 PM

- 3099 Farmer Response to Catastrophic Natural Disasters in the Developing World**
Plaza Building, Concourse Level, Governor's Square 15

AAEA Invited Paper Session

Severe weather events and livestock disease outbreaks threaten the livelihood poor farmers worldwide. The session will present diverse empirical studies from developing countries that estimate key parameters affecting producer response and adaptation to various kinds of catastrophic risks. These results will allow for prediction of future changes in behavior as the likelihood of catastrophic risks is increasing and provide important insights on the role and impacts of policies in addressing these risks. The discussant will address the methods, modeling, and analysis of responses to catastrophic risks in these papers, and assess the findings within the context of the literature.

Organizer: Jennifer Ifft, University of California, Berkeley
Moderator: David Zilberman, University of California, Berkeley
Discussant: Christopher B. Barrett, Cornell University

Presentations:

Production and Risk Prevention Response of Free Range Chicken Producers in Vietnam to Highly Pathogenic Avian Influenza Outbreaks

Jennifer Ifft, David Zilberman, and David Roland-Holst, University of California, Berkeley

No-tillage Systems and Catastrophic Drought Risk Mitigation in Mediterranean Agriculture: The Option Value of Delayed Input Use
Nicholas Magnan, University of California, Davis; Aziz Fadlaoui, National Institute of Agronomic Research, Morocco; Travis Lybert, University of California, Davis; Rachid Mrabet, National Institute of Agronomic Research, Morocco

Weather Indexed Insurance in Mexico: The Case of the Program for Attention to Climatic Contingencies (PACC) and Its Effects On Productivity, Risk Diversification, and Financial Access
Alan Fuchs, University of California, Berkeley; Hendrik Wolff, University of Washington

- 3100 Alerting All Entrepreneurs! Research on Ethical Awareness and Entrepreneurial Behavior**
Plaza Building, Concourse Level, Governor's Square 16

AEM Section and IBES Track Session

This session explores the intersection of cognitive awareness and entrepreneurial behavior. One paper presents a framework building on social psychology and new institutional economics, and uses data from the World Values Survey, to resolve the observation within the literature that entrepreneurs tend to be better able to identify ethical courses of action, but also less likely to pursue these courses. The second paper explores farmer's entrepreneurial responses to change in the U.S. Farm Bill to assess the extent to which farm programs are exploited or discovered. The discussants will facilitate discussion on the nature and appropriateness of entrepreneurial behavior.

Organizer: Desmond Ng, Texas A&M University
Moderator: Harvey James, University of Missouri
Discussant: Christopher Peterson, Michigan State University; Glenn Fox, University of Guelph

Presentations:

The Cognitive Connection between Ethics and Entrepreneurship
Peter Klein, University of Missouri; Desmond Ng, Texas A&M University; Harvey James, University of Missouri

Farming the Farm Programs: An Entrepreneurial Perspective
Michael Sykuta, University of Missouri; Andrea Woolverton, USDA-Economic Research Service

- 3101 Livestock Outlook**
Plaza Building, Concourse Level, Governor's Square 17

Extension Section Track Session

This session continues the tradition of Extension Section Outlook Track Sessions and will focus on livestock situation and outlook.

The presenters will discuss the trends in domestic and global livestock production, trade, supplies, demand and prices as well as the prospects for profitability for the coming year.

Organizer: Ross Pruitt, Louisiana State University
Moderator: Ross Pruitt, Louisiana State University
Discussant: Ross Pruitt, Louisiana State University

Presentations:

Cattle and Beef

John Riley, Mississippi State University

Hogs and Pork

Glynn Tonsor, Kansas State University

Dairy

Scott Brown, University of Missouri

Consensus Forecasts

Ronald Plain, University of Missouri

- 3102 How Behavioral Economics Can Inform Policymakers**

Tower Building, Terrace Level, Beverly Room

AAEA Organized Symposium

Interest in experimental and behavioral economics has risen dramatically over the last few decades. Still many agricultural economists perceive this area as "fashionable," but not very useful for applied economics. To truly influence policy, behavioral economists have to take upon themselves the responsibility for deriving explicit policy recommendations based on their findings. This session attempts to build a bridge between the results of the cutting-edge behavioral research and explicit recommendations for the policymakers. The unifying theme of the three presentations included in the session is intertemporal choice. The session's discussant will represent the policymakers' viewpoint.

Organizer: Helen Pushkarskaya, University of Kentucky
Moderator: Helen Pushkarskaya, University of Kentucky
Discussant: Brian Briggeman, Federal Reserve Bank of Kansas City

Presentations:

How Biases toward the Default Option Affect Estimation of the Personal Discount Rate

Helen Pushkarskaya, University of Kentucky; Maria Marshall, Purdue University

Naughty or Nice? The Role of Punishment in Long-term Contractual Relationships

John Schieffer, University of Kentucky; Steven Wu, Purdue University

Fully Characterizing the Set of Time Consistent Discount Functions
Zachary Brown, Duke University

CONCURRENT SESSIONS, TUESDAY 4:00 PM-5:30 PM

3103 Price Interdependence

Tower Building, Mezzanine Level, Denver Room

AAEA Selected Paper Session

This session includes four papers analyzing how prices in related markets depend on one another.

Moderator: Ardian Harri, Mississippi State University

Presentations:

The Pattern of Integration between Fossil Fuel and Vegetable Oil Markets: The Case of Biodiesel in Germany

Stefan Busse, Bernhard Brümmer, and Rico Ihle, Georg-August-Universität Göttingen

Interdependencies in the Energy-Bioenergy-Food Price Systems: A Co-integration Analysis

d'Artis Kancs and Pavel Ciaian, European Commission

Market Integration for Shrimp and the Effect of Catastrophic Events

Ardian Harri, Mississippi State University; Andrew Muhammad and Keithly Jones, USDA-Economic Research Service

Price Dynamics and Their Causes: An Exploration in Futures and Spot Market Interactions

Teddy Wong and Aaron Smith, University of California, Davis

3104 Valuing Recreation

Tower Building, Mezzanine Level, Spruce Room

AAEA Selected Paper Session

This session explores contemporary issues in the modeling of recreation demand. A diverse set of papers address issues related to construct validity, choice set definitions, and stratification. By examining a range of recreation settings, the set of papers serves as an interesting catalyst for discussions of applied welfare analysis and recreation demand.

Moderator: Kathleen Bell, University of Maine

Presentations:

Testing Construct Validity of River Recreation Use Values: A Comparison of Direct Elicitation of Use Values to Use Values Inferred Indirectly from WTP for Total Economic Value

John B. Loomis, Colorado State University

Modeling Demand for Outdoor Recreation Settings with Choice Based Data Accounting for Endogenous and Exogenous Stratification

Kavita Sardana, University of Georgia; James M. Bowker, U.S. Forest Service; John C. Bergstrom, University of Georgia

The Welfare Effects of Restricting Off-highway Vehicle Access to Public Lands

Paul Jakus, John Keith, and Lu Liu, Utah State University; Dale Blahna, U.S. Forest Service

Valuing Public Access to Great Lake Beaches

Feng Song, Frank Lupi, and Michael Kaplowitz, Michigan State University