

# Monday, July 24

## 10:30 a.m. - 12:00 p.m.

### Principal Paper

[1] **AGRICULTURAL GLOBALIZATION: IS IT GOOD OR BAD FOR DEVELOPING COUNTRIES?**

*Long Beach Convention and Entertainment Center/Promenade 101 A*

International Trade

**Organizer:** P. Lynn Kennedy, Louisiana State University

**Moderator:** G. Edward Schuh, University of Minnesota

**Discussant:** Philip Pardey, University of Minnesota

### Presentations:

*The Impact of Trade and Subsidy Reforms on Agriculture in Developing Countries* - Will Martin and Kym Anderson, World Bank

*The Impact of Agricultural Subsidies on Global Welfare* - Won Koo, North Dakota State University; P. Lynn Kennedy, Louisiana State University

*China's Response to Trade Remedy Laws in Agriculture* - Colin Carter, University of California at Davis

### Track - Agribusiness Economics and Management/Food And Agricultural Marketing Policy /Institutional and Behavior Economics

[2] **CONSTRAINING AND ENABLING PRODUCT DIFFERENTIATION IN AGRICULTURE**

*Long Beach Convention and Entertainment Center/Promenade 102 B*

Organized Symposium

Panel members will discuss empirical examples of product differentiation strategies, including regional and state designations (e.g., Louisiana sweet potatoes, the European PGI and PDO designations) and production practices (e.g., GMO-free, organics, eco-labels). For each example, panelists will offer their assessments of (i) the key constraining or enabling institutional factors relative to a particular differentiation strategy, and (ii) the policy implications of these observations. Both the panelists and the audience will then engage in a discussion of the processes for “working things out” such that the necessary institutional setting exists for agribusiness firms to successfully pursue product differentiation strategies.

**Organizer:** James Sterns, University of Florida

**Moderator:** H. Chris Peterson, Michigan State University

**Panelists:** Darren Hudson, Mississippi State University; Jayson Lusk, Oklahoma State University; James Sterns, University of Florida; Randall Westgren, University of Illinois at Urbana-Champaign

## **Track - Community Economics Network**

### **[3] THE IMPACT OF NATURAL/RECREATIONAL AMENITIES ON ECONOMIC GROWTH**

*Long Beach Convention and Entertainment Center/Promenade 102 C*

Selected Paper Session

Natural amenities appear to be a key economic growth determinant. These papers look at the impact of natural amenities on rural economic growth in the U.S. and other countries. Policies aimed at preserving natural amenities are also explored.

**Moderator:** Martin Shields, Pennsylvania State University

#### **Presentations:**

*Tax Increment Financing for Optimal Open Space Preservation: An Economic Inquiry* - Yong Jiang and Stephen Swallow, University of Rhode Island

*A Spatial Growth Equilibrium Model of Agricultural Land Development in the Northeast United States* - Yohannes Hailu and Cheryl Brown, West Virginia University

*Forest Dependence, Forest Fringe Communities and the Importance of Heterogeneous Non-Timber Forest Products* - Kurt Schwabe and Colleen Howell, University of California at Riverside; Azizan Samah, University of Malaysia

## **Track - Extension Section**

### **[4] POLICY OUTLOOK - WHAT'S NEW ON THE HILL FOR 2006 AND BEYOND**

*Long Beach Convention and Entertainment Center/Promenade 103 A*

Organized Symposium

This Extension Track symposium is designed to discuss issues related to what may change and what may remain the same in national agricultural policy. In this session, the chief economists for the House and Senate Agriculture Committees discuss current agricultural policy issues and seek counsel from others. Audience participants will learn about the Hill view of current issues and offer their own insights into issues as viewed from the farm level.

**Organizers:** Craig Jagger, United States House of Representatives; Joy Harwood, USDA-Economic Research Service; James Novak, Auburn University

**Moderator:** Joy Harwood, USDA-Economic Research Service

**Presenters:** Craig Jagger, United States House of Representatives; Chip Conley, House Committee on Agriculture, Minority Staff; Andrew Morton, Senate Committee on Agriculture, Nutrition and Forestry, Majority Staff; Stephanie Mercier, Senate Committee on Agriculture, Nutrition, and Forestry, Minority Staff

## **Track - Food Safety and Nutrition**

### **[5] THE OPTIMAL LOCATION OF FOOD SAFETY CONTROL WITHIN THE SUPPLY CHAIN**

*Long Beach Convention and Entertainment Center/Promenade 201 B*

Organized Symposium

This session will bring together perspectives on managing for safer foods at the level of the farm, the food processor and the food retailer to identify opportunities for economically efficient food safety regulations across a wide spectrum of food products. The case of poultry highlights is the current regulatory emphasis, which holds the manufacturing stages of the supply chain accountable for risk reduction. The situation for foods other than meats is explored in the last two presentations. A proposed testing requirement associated with a state-level marketing order is discussed. Finally, the role of public health authorities in managing a crisis at a restaurant is described.

**Organizer:** Victoria Salin, Texas A&M University

**Discussant:** Eluned Jones, Texas A&M University

#### **Presentations:**

*Regulation Outrunning Technology: A Case in Poultry* - R. Hart Bailey, Mississippi State University

*Marketing Orders and Mycotoxins: Industry Collective Goods and Food Safety* - Julian Alston, Henrich Brunke and Daniel A. Sumner, University of California at Davis

*An Augmented Approach to Crisis Management: Public-Private Communication of Hepatitis Risk at a Restaurant* - Pablo Sherwell-Cabello and Victoria Salin, Texas A&M University

## **Track - Graduate Student Section**

### **[6] RESPONDING TO JOB POSTINGS; INTERPRETATION, INFORMATION GATHERING, RESUME, CV AND COVER LETTER WRITING**

*Long Beach Convention and Entertainment Center/Promenade 202 A*

Organized Symposium

In order to be successful and competitive in the academic job market, graduate students must create a strong application package. First, it is important to figure out which job postings fit the individual skill set and tailor the application successfully to each job posting. A typical application package includes a well-written cover letter, a high-quality resume or Curriculum Vita (CV).

**Organizer:** Christiane Schroeter, Arkansas State University

**Moderator:** Leigh Ann Love, University of Florida

#### **Presentations:**

*Posting the Position Announcements: What to Expect from the Applicants?* - Wallace Tyner, Purdue University

*Responding to Job Postings and Preparing the Application Package* - Otto Doering, Purdue University

*Tailoring the Application to the Position* - Jay Noel, California Polytechnic State University

## **Track - International Section**

### **[7] NEW DIRECTIONS IN RURAL MICROECONOMIC ANALYSIS: A FOCUS ON MEXICO**

*Long Beach Convention and Entertainment Center/Promenade 202 B*

Organized Symposium

Mexico's rural economies are experiencing an unprecedented transformation in the context of NAFTA and the far-reaching domestic policy reforms that accompany it. They are also becoming increasingly integrated with outside markets in Mexico and the United States through trade and migration. In the past few years, new micro-economic analytical methods, data and research collaborations have been used to explore the structure of rural markets, the impacts of market and policy reforms and mechanisms to enhance the development potential of NAFTA, agricultural policy changes and migration in rural Mexico. This session showcases six studies, diverse in their subject matter and approach but similar in their use of state-of-the-art micro-theoretical and empirical approaches together with new household data from rural Mexico.

**Organizer:** J. Taylor, University of California at Davis

#### **Presentations:**

*Migrant Networks, Migration Incentives and Education Inequality in Rural Mexico* - David McKenzie, World Bank

*Gender Composition of Migration Networks and the Allocation of Household Labor* - Lisa Pfeiffer, Susan Richter and J. Taylor, University of California at Davis

*The Spatial Distribution of Income-Generating Activities of the Extreme Poor in Mexico* - Paul Winters, American University

*The Structure of Rural Financial Markets in Mexico* - Steve Boucher and Susan Richter, University of California at Davis; Christopher Woodruff, University of California at San Diego

*When Does It Matter Whether Cash Transfers Are Given to Women or Men? Revisiting Evidence from the PROGRESA and PROCAMPO Programs in Rural Mexico* - Benjamin Davis, Food and Agriculture Organization of the United Nations

*Fruit Growers and Supermarkets in Mexico* - Thomas Reardon, Michigan State University; Julio Berdegue, RMISP; Fernando Balsevich, Michigan State University; A. Martinez, Unknown

## **Track - Teaching, Learning and Communication**

### **[8] TEACHING TIPS FROM TOP TEACHERS: 2005 AAEA AWARD RECIPIENTS**

*Long Beach Convention and Entertainment Center/Promenade 103 C*

## Organized Symposium

The purpose of this organized symposium is to provide interested AAEA members with the opportunity to hear from and dialogue with some of the outstanding teachers in our profession. The emphasis is on winning strategies that have worked for them. 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. Contributions from session participants, in the form of shared experiences, questions, and observations, are both welcomed and considered a key part of this organized symposium.

**Organizer:** Gary Fairchild, University of Florida

**Moderator:** Allen Wysocki, University of Florida

**Discussants:** Paul Wilson, University of Arizona; Lisa House, University of Florida; James Richardson, Texas A&M University

## Track - AERE

### [9] POLLUTION CONTROL

*Long Beach Convention and Entertainment Center/Promenade 203 A*

Selected Paper Session

Papers in this session consider economic issues related to pollution control.

**Organizer/Moderator:** Nicholas Flores, University of Colorado at Boulder

**Discussants:** Christian Langpap, Tulane University; Jay Shimshack, Tufts University; Hongli Feng, Iowa State University; Madhu Khanna, University of Illinois at Urbana-Champaign

#### **Presentations:**

*Seeking Proactive Environmental Compliance: Incentives for Environmental Audits* - Wilma Rose Anton, University of Central Florida; Donna Harrington, University of Guelph

*Evaluating the Effectiveness of EPA Voluntary Programs: An Examination of the Strategic Goals Program for Metal Finishers* - Keith Brouhle, Grinnell College

*The Relative Efficiency of Emissions Caps and Abatement Environmental Standards under Stochastic Environmental Damages* - Stephen Hamilton and Till Requate, California Polytechnic State University

*Mandatory Information Disclosure and Environmental Performance* - Jay Shimshack and Magali Delmas, Tufts University; Maria Montes, University of California at Santa Barbara

## Agribusiness Economics and Management

### [10] AGRIBUSINESS SUPPLY CHAIN MANAGEMENT

*Renaissance/Renaissance Ballroom I*

## Selected Paper Session

The papers address relevant issues in managing the flow of products and information from upstream sellers to downstream buyers. Timely case studies are drawn from the horticultural and livestock industries.

**Moderator:** Steven Vickner, Utah State University

### **Presentations:**

*Food Supply Chain Consequences of New Responses to Livestock Epidemics* - Miranda Meuwissen, Monique Mourits, Robert Hoste, Ron Bergevoet and Ruud Huirne, Wageningen University and Research Center

*An Integrated Consumer and Supply Chain Risk Analysis of Genetic Modification in Livestock Production Chain* - Tatiana Novoselova, Miranda Meuwissen and Ruud Huirne, Wageningen University and Research Center

*Traceability Adoption at the Farm Level: An Empirical Analysis in the Portuguese Pear Industry* - Diogo Souza-Monteiro and Julie Caswell, University of Massachusetts at Amherst

*Influence of Brand Alliances on Long Term Business Relationship Orientation: New Zealand Merino Marketing Relationships from The Supplier Perspective* - Hamish Gow and Yupin Patarapongsant, University of Illinois at Urbana-Champaign

## **Agricultural Finance and Farm Management**

### [11] **AGRICULTURAL FINANCE AND FARM MANAGEMENT**

*Long Beach Convention and Entertainment Center/Promenade 101 B*

## Selected Paper Session

The papers in this session examine various financial performance and wealth issues for farm and non-farm households using a variety of data sets and methods.

**Moderator:** Brian Briggeman, Oklahoma State University

### **Presentations:**

*Off-Farm Income and Farm Capital Accumulation: A Farm-Level Panel Data Analysis* - Carl Lagerkvist and Karin Larsen, Swedish University of Agricultural Sciences; Kent Olson, University of Minnesota

*Farm Land Ownership As a Source of Retirement Income* - Robert Burton, Kansas State University; Valerie Rivas, Farm Credit of New Mexico; Nathan Hendricks, John Grahm and Bryan Schurle, Kansas State University

*Agricultural Profits and Farm Household Wealth: A Farm-Level Cross-Sectional Analysis* - Steven Blank, University of California at Davis; Ken Erickson, Richard Nehring and Charles Hallahan, USDA-Economic Research Service

*The Economic Well-Being of Farm and Non-Farm Households: Evidence from Two National Surveys* - Ani Katchova, University of Illinois at Urbana-Champaign

## **Demand and Price Analysis**

### **[12] FOOD DEMAND METHODOLOGY**

*Renaissance/Renaissance Ballroom III*

Selected Paper Session

Methodological additions to our knowledge of demand estimation.

**Moderator:** Timothy Beatty, University of British Columbia

#### **Presentations:**

*A Quadratic Generalization of the Almost Ideal and Translog Demand Systems: An Application to Food Demand in Urban China* - Kang Liu, National Chung Cheng University

*Inverse Demand Systems and the Unit Value Problem* - Timothy Beatty, University of British Columbia

*Zeroes and Engel Curve Estimation* - Timothy Beatty, University of British Columbia

*A Semiparametric Approach to Estimate Engel Curves with U.S. Micro Data* - Anil Sulgham and Hector Zapata, Louisiana State University

### **[13] FOOD PRICES**

*Renaissance/Renaissance Ballroom II*

Selected Paper Session

A number of factors which affect the prices that consumers pay for food are analyzed.

**Moderator:** Eugene Jones, The Ohio State University

#### **Presentations:**

*Household versus Community Effects: Who Really Pays More for Food?* - Hayden Stewart and Noel Blisard, USDA-Economic Research Service

*The Impact of Nontraditional Retailers on Retail Dairy Prices and the Dairy CPI* - Ephraim Leibtag, USDA-Economic Research Service

*The Impact of Changing Retail Services on the Producer Price Index for Retail Food Stores* - Ephraim Leibtag, USDA-Economic Research Service

*The Effects of the Spatial Distribution of Grocery Stores on Food Prices in Low Income Neighborhoods* - Karen Jetter, University of California at Davis; John Crespi, Kansas State University; Diana Cassady, University of California at Davis

## **Emerging Technologies**

### **[14] RENEWABLE FUELS: CAN FARMERS CONTROL THEIR DESTINY?**

*Long Beach Convention and Entertainment Center/Promenade 103 B*

Organized Symposium

This session will provide an overview of the challenges facing the ethanol industry, from public policy and foreign trade, to the development of an ethanol franchise as firms integrate and expand the industry's potential, to variations in strategic market positioning and product configurations at the firm level.

**Organizer/Moderator:** Julie Hogeland, USDA-Rural Business-Cooperative Service

**Presentations:**

*How Information Technology Is Changing the Nature of Fuel Ethanol Operations* - Anthony Crooks, USDA-Rural Business-Cooperative Service

*Renewable Liquid Fuels: Current Prospects* - Vernon Eidman, University of Minnesota

*The Growth and Direction of the Biodiesel Industry in the US* - Roger Ginder and Nick Paulson, Iowa State University

## **Food and Agricultural Marketing**

[15] **SPECIALTY FOOD MARKETS AND ISSUES: ORGANICS, GM FOODS AND FOOD LABELS**

*Renaissance/Renaissance Ballroom IV*

Selected Paper Session

How various product attributes impact consumption habits and purchasing behavior.

**Moderator:** Todd Lone, California State University at Chico

**Presentations:**

*Do Consumers Really Read Food Labels? An Application of Ordered Probit Models and the Importance of Health Issues* - Carlos Jauregui and Ronald Ward, University of Florida

*Willingness to Pay for Genetically Modified Food and Non-Food Products* - Inken Birte Christoph, Maike Bruhn and Jutta Roosen, University of Kiel

*Purchasing Organic Food in U.S. Food Systems: A Study of Attitudes and Practice* - Benjamin Onyango, William Hallman and Anne Bellows, Rutgers, the State University of New Jersey

*The Market Acceptance And Welfare Impacts of Genetic Use Restriction Technologies (GURTs)* - Amalia Yiannaka and Marianna Khachatryan, University of Nebraska at Lincoln

## **Institutional and Behavioral Economics**

[16] **FRONTIERS OF LAND USE: REDEFINING THE BOUNDARIES OF PROPERTY RIGHTS**

*Long Beach Convention and Entertainment Center/Promenade 203 C*

Organized Symposium

We have witnessed in recent years significant growth in public sector intervention in land use. Recent court decisions indicate that the public is rethinking the boundary between public rights and the private property rights of farmers. In some states, policy makers are implementing statewide zoning policies, while many local communities have passed referenda or policies that involve the imposition of police or eminent domain power. These changes suggest that the boundary of property rights is indeed endogenous, somewhat defined by changes in socioeconomics and political dynamics.

**Organizer/Moderator:** Soji Adelaja, Michigan State University

**Presentations:**

*Behavioral Economic Explanations for Land Use Law and Implications for Property Ownership* - Rayman Mohamed, Wayne State University

*Farmland Retention Techniques: Property Rights Implications and Gauging Support* - Joshua Duke, University of Delaware; Loretta Lynch, University of Maryland at College Park

*Value Gap Hypothesis: A New Framework for Examining Regulatory Policies at the Urban Fringe* - Soji Adelaja, Michigan State University

*Down-Zoning and the Courts in a State Nearing Build-Out: The Case of New Jersey* - Paul Gottlieb, Rutgers, the State University of New Jersey

## **International Trade**

### **[17] ANALYSIS OF TARIFF AND NON-TARIFF TRADE BARRIERS**

*Renaissance/San Marco*

Selected Paper Session

**Moderator:** Stephen Devadoss, Tuskegee University

**Presentations:**

*The Effects of Reducing Sanitary and Phytosanitary (SPS) Barriers to Trade on the Washington State Apple Industry* - Lia Nogueira, Hayley Chouinard, Thomas Marsh, Thomas Wahl and Christine Wieck, Washington State University

*Impacts of Trade Liberalization in Rice: Assessing Alternative Proposals* - Ranjit Mane and Eric Wailes, University of Arkansas

*Evaluating the Economic Impact of Countervailing Duties on United States Warm Water Shrimp Imports in 2005* - Keithly Jones and David Harvey, USDA-Economic Research Service

*Antidumping Duties in the Agriculture Sector: Trade Restricting or Trade Deflecting?* - Nisha Malhotra and Shinan Kassam, University of British Columbia

### **[18] SUGAR AND TEXTILE TRADE**

*Renaissance/Sienna*

## Selected Paper Session

**Moderator:** Aziz Elbehri, USDA-Economic Research Service

### **Presentations:**

*The Mexican Sweeteners Market and Sugar Exports to the United States* - Jose Andino, Richard Taylor and Won Koo, North Dakota State University

*Determinants of U.S. Textiles and Apparel Trade* - William Amponsah and Victor Ofori-Boadu, North Carolina A&T State University

*Reforming the European Union Sugar Program at Last: What Implications for Bilateral and Global Sugar Trade?* - Aziz Elbehri, USDA-Economic Research Service; Johannes Umstaetter, University of Delaware

*A Theoretical Analysis of Economic Impacts of Export Credit Insurance and Guarantees* - Paul Rienstra-Munnicha, North Dakota State University; Calum Turvey, Cornell University; Won Koo, North Dakota State University

## **International Development**

### **[19] MEASURING THE POTENTIAL IMPACTS OF BIOFORTIFICATION AND BIOTECHNOLOGY ON NUTRITION AND HEALTH IN DEVELOPING COUNTRIES**

*Long Beach Convention and Entertainment Center/Promenade 203 B*

Organized Symposium

To stimulate wide discussion of these issues, each speaker will talk for not more than 8 minutes. The remaining 45-50 minutes will be reserved for panel interaction and open discussion.

**Organizer/Moderator:** William Meyers, Food and Agricultural Policy Research Institute

### **Presentations:**

*Theoretical Challenges of Modeling Biofortification Adoption: Household and Societal Perspectives* - Monika Tothova, Organization for Economic Cooperation and Development

*Analyzing the Cost-Effectiveness of Biofortification* - J.V. Meenakshi, International Food Policy Research Institute

*Methodological Challenges in Measuring Public Health Impact of an Agricultural Intervention* - Daniel Gilligan, Consultative Group on International Agricultural Research

*Ex-Ante Assessment of Nutrition and Health Benefits of High  $\beta$ -Carotene Maize: South Africa Case* - Helen Jensen, Iowa State University

*Application to Potential Health Impacts of Bt Maize in Africa* - Carl Pray, Rutgers, the State University of New Jersey; Marnus Gouse, University of Pretoria

### **[20] POVERTY, INEQUALITY AND THE ENVIRONMENT**

*Renaissance/Renaissance Ballroom V*

## Selected Paper Session

This session examines the relationship between poverty, inequality and the use of natural resources. The first paper looks at the impact of farm size on the allocation of resources and production efficiency. The second paper explores the linkage between poverty and natural resources, hypothesizing an endogenous relationship. The final paper estimates the contribution of income from resource extraction to reducing income inequality.

**Moderator:** Mitch Renkow, North Carolina State University

### **Presentations:**

*'Poor-But-Efficient' - Revisited: Evidence from the Eastern Amazon* - Johannes Sauer, Royal Veterinary and Agricultural University, Denmark; Arisbe Mendoza, University of Bonn

*Does Natural Resource Extraction Mitigate Poverty and Inequality? Evidence from Rural Mexico* - Alejandro Lopez-Feldman, University of California at Davis; Jorge Mora, El Colegio de Mexico; J. Taylor, University of California at Davis

*Is There a Nexus between Poverty and the Environment in Rural India?* - Haimanti Bhattacharya and Robert Innes, University of Arizona

## **Industrial Organization/Supply Chain Management**

### [21] **CONTRACTS I: EMPIRICS**

*Long Beach Convention and Entertainment Center/Promenade 102 A*

## Selected Paper Session

Descriptive and structural econometric approaches are used to examine the determinants of duration and grower effort in production contracts and the effects of contracts on farm productivity.

**Moderator:** Sofia Villasboas, University of California at Berkeley

### **Presentations:**

*Duration in Production Contracts* - James MacDonald and Penni Korb, USDA-Economic Research Service

*Do Contracts Raise Hog Farm Productivity? An Instrumental Variables Approach* - Nigel Key and William McBride, USDA-Economic Research Service

*Structural Estimation of Rank-Order Tournament Games with Private Information* - Tomislav Vukina and Xiaoyong Zheng, North Carolina State University

## **Policy Analysis**

### [22] **INVASIVE SPECIES AND DISEASE ISSUES**

*Renaissance/Sicilian A*

## Selected Paper Session

These papers offer a variety of perspectives on issues related to invasive species and diseases. Issues include cost and spatial externalities, rent seeking and investments in disease control.

**Moderator:** Albert Allen, Mississippi State University

**Presentations:**

*Investment in Infectious Disease Control Capacity: The Case of a Potential Foot-and-Mouth Disease Outbreak in California* - Mimako Kobayashi, Richard Howitt and Tim E. Carpenter, University of California at Davis

*Estimating the Cost of Invasive Species on U.S. Agriculture* - Donna Lee, University of Florida; C. Kim and Glenn Schaible, USDA-Economic Research Service

*Rent Seeking in Noxious Weed Regulations: Evidence from U.S. States* - He Min, Munisamy Gopinath, Steven Buccola and Peter McEvoy, Oregon State University

*Modeling the Effect of Spatial Externalities on Invasive Species Management* - Greg McKee, North Dakota State University; Colin Carter, James Chalfant and Rachael Goodhue, University of California at Davis

**Production Economics**

**[23] THE ADOPTION OF LIVESTOCK MANAGEMENT PRACTICES**

*Long Beach Convention and Entertainment Center/Promenade 201 A*

Selected Paper Session

The adoption of technologies and practices to improve the productivity and health of livestock depends on operation characteristics and economic conditions.

**Moderator:** Janet Perry, USDA-Economic Research Service

**Presentations:**

*Sub-Therapeutic Antibiotics and Productivity in U.S. Hog Production* - William McBride, Nigel Key and Kenneth Matthews, USDA-Economic Research Service

*Beef Cattle Production and Management Practices: Implications for Educators* - Mallory Vestal, Clement Ward, Damona Doye and David Lalman, Oklahoma State University

*Risk Management on Application of Minimum-Cost Feed Ration for Nitrogen and Phosphorus Reduction on Dairy Farms* - Juma Salim, Carl Dillon and Jack McAllister, University of Kentucky

**Research Methods/Econometrics/Stats**

**[24] METHODOLOGICAL ISSUES IN FORECASTING AND FORECAST EVALUATION**

*Renaissance/Sicilian B*

Selected Paper Session

Methods for forecast generation and the subsequent evaluation of forecasts across a variety of applications are discussed. Several methodological questions involving the relative merits of alternative approaches to forecasting are addressed.

**Moderator:** Aaron Smith, University of California at Davis

**Presentations:**

*Assessing the Robustness of Predictions in Spatially Explicit Models of Land Use* - Alessandro De Pinto, University of Redlands; Gerald C. Nelson, University of Illinois at Urbana-Champaign

*Validating Dynamic General Equilibrium Models: Do Structural Models Forecast As Well As Their Time-Series Rivals?* - NaiChia Li and Terry Roe, University of Minnesota

*Use of Asymmetric-Cycle Autoregressive Models to Improve Forecasting of Agricultural Time Series Variables* - Octavio Ramirez, New Mexico State University; Hector Zapata, Louisiana State University

**Resource and Environmental Policy Analysis**

[25] **EQUITY IN ENVIRONMENTAL POLICY ANALYSIS**

*Renaissance/Capri*

Selected Paper Session

These papers use empirical techniques to analyze equity issues in environmental policy design.

**Moderator:** Glenn Sheriff, Columbia University

**Presentations:**

*The Empirics of Environmental and Distributional Impacts of Conservation Targeting Strategies* - Katsuya Tanaka, Hiroshima University; JunJie Wu, Oregon State University

*Modeling Spatially Differentiated Environmental Policy in a Philippine Watershed: Tradeoff between Environmental Protection and Poverty Reduction* - Bayou Demeke, Pennsylvania State University; Ian Coxhead, University of Wisconsin at Madison

*Inequities in Flood Management Protection Outcomes* - Camilo Sarmiento, Fannie Mae; Ted Miller, Pacific Institute for Research and Evaluation

*Energy from Agriculture: Exploring the Promise and Pitfalls of Increased Production of Biomass and Biofuels* - Liz Marshall and Sue Greenhalgh, World Resources Institute

**Risk and Uncertainty**

[26] **WEATHER DERIVATIVES**

*Renaissance/Corsican*

Selected Paper Session

Papers dealing with weather-based financial and insurance derivatives.

**Moderator:** Joseph Atwood, Montana State University

**Presentations:**

*Modeling and Hedging Rain Risk* - Martin Odening, Oliver Musshoff and Wei Xu, Humboldt University

*Index Insurance, Production Practices, and Probabilistic Climate Forecasts* - Miguel Carriquiry and Daniel Osgood, Columbia University

*Weather Derivatives As an Instrument to Hedge against the Risk of High Energy Cost in Greenhouse Production* - Bernhard Schmitz, Michael Starp and Ernst Berg, University of Bonn

*A Spatial Approach to Addressing Weather Derivative Basis Risk: A Drought Insurance Example* - Nick Paulson and Chad Hart, Iowa State University

## **Rural/Community Development**

### **[27] SUSTAINABLE AGRICULTURE: A SUSTAINABLE CAREER PATH FOR AG AND RESOURCE ECONOMISTS?**

*Long Beach Convention and Entertainment Center/Promenade 202 C*

Organized Symposium

This symposium explores the diverse set of research, extension and education activities related to sustainable agriculture currently underway through the USDA and Land Grant Institutions, as well as governmental, private and nongovernmental partners. In addition to sharing the mission and programs of USDA-CSREES, a primary focus will be on competitive funding opportunities and processes including basic, applied, producer-oriented and interdisciplinary research programs.

**Moderator:** Dawn Thilmany, Colorado State University

**Discussant:** Victoria Salin, Texas A&M University

**Panelists:** Diana Jerkins, Jill Auburn and Patricia Hipple, USDA-Cooperative State Research, Education and Extension Service

# **Monday, July 24**

## **1:30 p.m. - 3:00 p.m.**

**Principal Paper**

## [28] CULTIVATING ECOSYSTEM SERVICES FROM AGRICULTURE

*Long Beach Convention and Entertainment Center/Promenade 101 A*

### Resource and Environmental Policy Analysis

Agriculture has been optimized for marketed food, fiber and fuel, but this managed ecosystem could be adapted to produce more services that are now beneficial externalities. This session explores: What added ecosystem services could be offered by U.S. agricultural systems? What payment mechanisms could induce farmers to provide these services? How do farm production and environmental conditions interact with incentives to affect the ecosystem services that farmers are willing to supply?

**Organizer:** Scott Swinton, Michigan State University

**Discussant:** Robert Wolcott, U.S. Environmental Protection Agency

### **Presentations:**

*Ecosystem Services from Agriculture: Looking beyond the Usual Suspects* - Scott Swinton, Frank Lupi, G. Robertson and Douglas Landis, Michigan State University

*Payments for Environmental Services from Agriculture: Precedents and Possibilities* - Katherine Smith, USDA-Economic Research Service

*Predicting the Supply of Ecosystem Services from Agriculture* - John Antle, Montana State University; Jetse Stoorvogel, Wageningen University and Research Center

## **Track - Agribusiness Economics and Management/Teaching, Learning and Communication**

### [29] ADAPTING “BEST PRACTICES” FROM MANAGEMENT THEORY COURSES FOR GRADUATE COURSES IN AGRIBUSINESS MANAGEMENT

*Long Beach Convention and Entertainment Center/Promenade 102 B*

Organized Symposium

**Organizer:** Randall Westgren, University of Illinois at Urbana-Champaign

**Discussants:** Michael Boehlje, Purdue University; Thomas Sporleder, The Ohio State University; Michael Cook, University of Missouri at Columbia; H. Peterson, Michigan State University; James Sterns, University of Florida; Brian Wansink, Cornell University

## **Track - Community Economics Network**

### [30] PLACE-BASED ECONOMIC DEVELOPMENT

*Long Beach Convention and Entertainment Center/Promenade 102 C*

Organized Symposium

**Organizer/Moderator:** Thomas Johnson, University of Missouri at Columbia

**Panelists:** Thomas Johnson, University of Missouri at Columbia; Emery Castle, Oregon State University; George McDowell, Virginia Polytechnic Institute and State University

## **Track - Extension Section**

### **[31] LIVESTOCK OUTLOOK**

*Long Beach Convention and Entertainment Center/Promenade 103 A*

Organized Symposium

This organized symposium will focus on the current livestock situation and outlook. Presenters will explore the current trends in livestock production, international trade issues, domestic supplies, demand factors, and price and profitability prospects for the coming year. Outlook situation updates on cattle, hogs and poultry, dairy, and international trade will be presented. Additionally, the Premiere Forecaster Award will be presented.

**Organizer/Moderator:** Wendy Umberger, Colorado State University

#### **Presentations:**

*Cattle Situation and Outlook* - David Anderson, Texas A&M University

*Hog and Poultry Situation and Outlook* - Ron Plain, University of Missouri

*Dairy Outlook and International Trade Issues* - Daniel Sumner, University of California at Davis

*Premiere Forecaster Award* - Ron Plain, University of Missouri

## **Track - Food And Agricultural Marketing Policy**

### **[32] ENERGY PRODUCTION AND CONSUMPTION IN AGRICULTURE**

*Long Beach Convention and Entertainment Center/Promenade 201 A*

Organized Symposium

The purpose of this Symposium is to analyze how energy and agriculture interact on both the supply side and the demand side. Supply side issues relate to the use of agricultural crops, for example, to produce fuels such as ethanol or biodiesel. Demand side issues feature, for example, the use of energy inputs at various stages of agricultural production. If nothing else, this Symposium should point to the important need to improve information and data flows in this area.

**Moderator:** Mark Sperow, West Virginia University

**Organizers:** Walter C. Labys and Mark Sperow, West Virginia University

**Discussant:** Randall Little, Mississippi State University

#### **Presentations:**

*Effects of Biofuel Production on U.S. Agriculture: A Simulation Model* - Won Koo, North Dakota State University

*Effects of Rising Diesel Prices, Relative Crop Prices and Substitution Potential in Agriculture* - Osei-Agyeman Yeboah and Henry Thompson, North Carolina A&T State University

*Potential and Challenges of Ethanol Production from Lignocellulosic Biomass Feedstock* - Francis Eppin, Oklahoma State University

## **Track - Food Safety and Nutrition**

### **[33] HUNGER IN AMERICA: A MOMENT OF REFLECTION ON U.S. FOOD SECURITY MEASUREMENT**

*Long Beach Convention and Entertainment Center/Promenade 201 B*

Organized Symposium

The rates of household food insecurity and hunger are central measures of hardship in low-income American populations. This session presents the results from a high-profile panel on food security measurement at the National Academies, along with presentations that illustrate the challenges of measuring food-related hardship in a country that simultaneously harbors poverty and great prosperity. The session will address questions about the relationship between food security, food spending and obesity.

**Organizer:** Parke Wilde, Tufts University

#### **Presentations:**

*Measuring Food Insecurity and Hunger: The Final Report from the National Academies* - Helen Jensen, Iowa State University

*Self Reports of Food Insecurity and Food Insufficiency at Low Levels of Food Expenditures* - Craig Gundersen, Iowa State University; David Ribar, George Washington University

*Individual Weight Change Is Associated with Household Food Security Status* - Jerusha Peterman and Parke Wilde, Tufts University

*Statistical Issues in Food Security Measurement: Exploring the Performance of Item-Fit Statistics and Factor Analysis of Residuals* - Mark Nord, USDA-Economic Research Service

## **Track - Graduate Student Section**

### **[34] GUIDELINES FOR INTERVIEWING AND BECOMING A SUCCESSFUL PROFESSIONAL**

*Long Beach Convention and Entertainment Center/Promenade 202 A*

Organized Symposium

Individuals considering a career in agricultural economics are faced with a unique job application situation. The majority of Master's and Ph.D. students have no experience in the professional job market, as they have typically entered graduate school after receiving their bachelors. Currently, there is significant competition for academic, government and industry positions in the agricultural economics field. In order to be successful and competitive in the

job market, graduate students must plan their programs of study accordingly in order to achieve a balance of coursework, teaching, extension, research and also non-academic professional experiences. The key prerequisite to succeed in the job market is being able to maneuver through the interview process successfully.

**Organizer/Moderator:** Christiane Schroeter, Purdue University

**Presentations:**

*Interviewing for an Academic Job* - Philip Garcia, University of Illinois at Urbana-Champaign

*The Steps to Getting and Keeping an Academic Position* - Steve Turner, Mississippi State University

*A Pathway to Your Future: The Federal Government's Executive Leadership Training Program* - Christiane Schroeter, Purdue University; Doris Newton, USDA-Economic Research Service

**Track - Institutional and Behavior Economics**

**[35] SOCIAL CAPITAL AND TRUST – PERSPECTIVES FROM FOUR COUNTRIES**

*Long Beach Convention and Entertainment Center/Promenade 103 C*

Selected Paper Session

Social capital, trust and their effects on economic behavior are empirically observed in separate studies from four countries: USA, South Africa, Ecuador, and The Philippines.

**Moderator:** \*\*\*

**Presentations:**

*Is Individual Behavior Oriented to Self-Interest or Other-Interest or Both? Empirical Evidence from a Case Study of Social Capital* - Zhenyu Zhang and Gary Lynne, University of Nebraska at Lincoln

*Identifying Horizontal and Vertical Trust: Results from Field Experiments in Ecuador* - Steven Buck and Jeffrey Alwang, Virginia Polytechnic Institute and State University

*Measuring Social Capital among Indigenous Agricultural People of the Cordilleras in Northern Philippines* - Aimee Milagrosa and Louis Slangen, Wageningen University and Research Center

*Cross-Racial Envy and Underinvestment in South-Africa* - Daniel Haile, Wageningen University and Research Center; Verbon Harrie, Tilburg University; Karim Sadrieh, University of Magdeburg

**Track - International Section**

**[36] EMPIRICAL EVIDENCE ON THE IMPACT OF CREDIT CONSTRAINTS**

*Long Beach Convention and Entertainment Center/Promenade 202 B*

Organized Symposium

While the potential for endogenous, non-price rationing in credit markets is well established in a large body of economic theory, the empirical literature on the determinants, incidence and impacts of credit rationing has not kept pace. This lack of empirical evidence is especially problematic given the centrality of credit markets for rural development and the near universality of financial liberalization programs implemented throughout the developing world in the last two decades. This session addresses this empirical lacuna by offering five empirical studies from Africa, Asia and Latin America that use alternative methodologies to explore the impacts of credit constraints on rural households' resource allocation. The papers offer new insights into key methodological issues such as the conceptualization and measurement of credit constraints and the econometric identification of the impacts of constraints. The papers also examine a variety of outcome variables that are hypothesized to be affected by credit constraints including: educational and health outcomes, technology adoption, export crop adoption and farm productivity.

**Organizer:** Steve Boucher, University of California at Davis

**Presentations:**

*Risk, Credit Constraints and Productivity in Peruvian Agriculture* - Catherine Guirkingner and Steve Boucher, University of California at Davis

*Growing Export Oriented Crops: Who's Got What It Takes?* - Xavier Giné, World Bank; Nava Ashraf, Harvard Business School; Dean Karlan, Yale University

*Conditional Cash Transfers, Credit, Remittances, Shocks and Education: An Impact Evaluation of Nicaragua's RPS* - Seth Gitter and Bradford Barham, University of Wisconsin at Madison

*The Role of Moral Hazard in Determining Microfinance Borrower Behavior* - Craig McIntosh, University of California at San Diego; Alain De Janvry and Elisabeth Sadoulet, University of California at Berkeley

*The Effect of Childhood Nutritional Status on Adult Nutrition and Education Outcomes: The Role of Credit Constraints* - Daniel Gilligan, International Food Policy Research Institute

**Track - AERE**

[37] **LAND MANAGEMENT**

*Long Beach Convention and Entertainment Center/Promenade 202 C*

Selected Paper Session

Papers in this session consider environmental issues related to land management.

**Organizer/Moderator:** Nicholas Flores, University of Colorado at Boulder

**Discussants:** Bill Provencher, University of Wisconsin at Madison; Valerie Mueller, Columbia University; Xiaoxuan Chen, University of Illinois at Urbana-Champaign; Jonathan Kaplan, California State University at Sacramento

**Presentations:**

*Mechanism Design of Land Conservation Programs* - Xiaoxuan Chen, Amy Ando and Charles Nelson, University of Illinois at Urbana-Champaign

*Predicting the Effect of Land Use Policies on Watershed Health* - Christian Langpap, Tulane University; JunJie Wu and Ivan Hascic, Oregon State University

*The Implications of Heterogeneous Preferences for Environmental Zoning* - Bill Provencher and David Lewis, University of Wisconsin at Madison

*Optimal Land Conversion under Agricultural and Environmental Uncertainties* - Jinhua Zhao, Iowa State University; David Zilberman, University of California at Berkeley

## **Agribusiness Economics and Management**

### **[38] AGRIBUSINESS MARKETING: COMMODITIES AND PRODUCTS**

*Renaissance/Renaissance Ballroom I*

Selected Paper Session

The papers in this session explore temporal, spatial and other relevant dimensions of marketing. Diverse case studies are given to illustrate methods and concepts.

**Moderator:** Steven Vickner, Utah State University

#### **Presentations:**

*Incorporating Spatial Price Information in Grain Marketing Decisions: Development of an Excel Decision Aid on "Where To Market"* - Ward Nefstead, University of Minnesota

*A Term Structure Model for Commodity Prices: Does Storability Matter?* - Chuanyi Lin and Matthew Roberts, The Ohio State University

*System Dynamic Approach to Assessing New Product Introduction: The Case of Functional Foods in the United States* - Kara Ross and Vincent Amanor-Boadu, Kansas State University

*Quality and Reputation Attributes of Specialty Coffees Traded in E-Auctions* - Laura Donnet and Dave Weatherspoon, Michigan State University

## **Agricultural Finance and Farm Management**

### **[39] FINANCIAL PERFORMANCE AND INFORMATION**

*Long Beach Convention and Entertainment Center/Promenade 101 B*

Selected Paper Session

The role of information on farms and their financial performance is the focus of this set of papers.

**Moderator:** Brent Gloy, Cornell University

#### **Presentations:**

*Farm Financial Performance from Borrower and Lender Perspectives* - Sena Durguner, Peter Barry and Ani Katchova, University of Illinois at Urbana-Champaign

*Valuing Farm Financial Information* - Dana Marcellino and Christine Wilson, Purdue University

*Internet Access and Use by Farm Households* - Ashok Mishra and Robert Williams, USDA-Economic Research Service

*Impacts of Land Ownership and Debt Levels on Farm Survival and Financial Growth* - John Cole, Larry Janssen and Nalini Pattanaik, South Dakota State University

## **Demand and Price Analysis**

### **[40] COMMODITY MARKET CHARACTERISTICS**

*Renaissance/Renaissance Ballroom III*

Selected Paper Session

The determinants of commodity market performance are analyzed.

**Moderator:** Tun-Hsiang Yu, Iowa State University

#### **Presentations:**

*Estimating Liquidity Costs in Agricultural Futures Markets Using Bayesian Methods* - Julieta Frank and Philip Garcia, University of Illinois at Urbana-Champaign

*Volatility, Thresholds, and Spatial Market Integration in North Carolina Corn and Soybean Markets* - Daniel C. Harper, North Carolina State University

*Co-integration and Causality Analysis of World Vegetable Oil and Crude Oil Prices* - Tun-Hsiang Yu, Iowa State University; David Bessler and Stephen Fuller, Texas A&M University

### **[41] INTERNATIONAL DEMAND**

*Renaissance/Renaissance Ballroom II*

Selected Paper Session

International markets and their impacts on their own domestic markets and markets in other countries.

**Moderator:** Awudu Abdulai, University of Kiel

#### **Presentations:**

*Potential Impacts of Avocado Imports from Mexico on the Florida Avocado Industry* - Sikavas NaLampang, Wirusana Tantiwongampai and Edward Evans, University of Florida

*Empirical Analysis of Price Setting and Quantity Surcharges in the German Food Sector* - Awudu Abdulai and Silke Schmitz, University of Kiel

*Import Demand for Dairy Products in Cote D'Ivoire* - Joe Balagtas and Jeanne Coulibaly, Purdue University; Ibrahim Diarra, Cooperative Institute for Research in Environmental Sciences

*Models to Forecast Food Price Inflation: The Case of Colombia* - Miguel Gomez, Cornell University; Eliana Rocio Gonzalez and Jose Luis Torres, Banco de la República

## **Food and Agricultural Marketing**

### **[42] CHEATING, STAYING, LEAVING: COOPERATIVE OPTIONS**

*Long Beach Convention and Entertainment Center/Promenade 103 B*

Organized Symposium

Capital shortages coupled with agricultural industrialization and globalization challenge cooperatives to perform new tasks using social norms developed in an earlier era. This session examines the resiliency of cooperatives, with insights derived from crop shifting possibilities, bank runs and cooperative conversion.

**Organizer/Moderator:** Julie Hogeland, USDA-Rural Business-Cooperative Service

#### **Presentations:**

*A Game Theoretic Approach to Understanding Cooperative Growth and Decline* - Jennifer Keeling-Bond, Colorado State University

*Cooperation and Cheating* - Robin Cross, Oregon State University

*Why Do Some Cooperatives Convert When Others Don't?* - Julie Hogeland, USDA-Rural Business-Cooperative Service

### **[43] PRODUCE AND FOOD INGREDIENT MARKETS**

*Renaissance/Renaissance Ballroom IV*

Selected Paper Session

Studies regarding product development, investment and consumption patterns will be presented.

**Moderator:** Corinne Alexander, Purdue University

#### **Presentations:**

*New Product Development Practices of the U.S. Confectionery Manufacturers* - Aslihan Spaulding, Illinois State University

*Determinants of Foreign Direct Investment in the Food Manufacturing Industry* - Minh Wendt and Glenn Pederson, University of Minnesota

*Linkages Between Greater Fruit and Vegetable Consumption and Agriculture.* - Karen Jetter, James Chalfant and Daniel A. Sumner, University of California at Davis

## **International Trade**

[44] **INTERNATIONAL TRADE ISSUES**

*Renaissance/Sienna*

Selected Paper Session

**Moderator:** Amyaz Moledina, College of Wooster

**Presentations:**

*The J-Curve Phenomenon: Myth or Reality?* - Jungho Baek, Kranti Mulik and Won Koo, North Dakota State University

*Subsidization of the Biofuel Industry: Security vs. Clean Air?* - Crina Viju, William Kerr and James Nolan, University of Saskatchewan

*Linkages amongst Foreign Direct Investment, Trade and Trade Policy: An Economic Analysis with Applications to the Food Sector* - Norbert Wilson, Auburn University

*Artificial Neural Networks vs. Multivariate Statistics on Export Credit Guarantee Programs in the U.S.* - Wei Wang and Michael Reed, University of Kentucky

[45] **TRADE LIBERALIZATION EFFECTS ON POVERTY**

*Renaissance/San Marco*

Selected Paper Session

**Moderator:** Michael Reed, University of Kentucky

**Presentations:**

*Consequences of Trade Liberalization on Poverty and Income Distribution in Brazil* - Mauricio Bittencourt, Federal University of Parana; David Kraybill and Donald W. Larson, The Ohio State University

*Poverty Vulnerability and Trade Policy: Are the Impacts Discernable?* - Ernesto Valenzuela, World Bank; Thomas Hertel, Purdue University

*Variety, Income and Trade* - Lorraine Mitchell, USDA-Economic Research Service

*The Returns to Wages for Mexican Workers in a Post NAFTA World* - Ross Hanig, University of Illinois at Urbana-Champaign

**International Development**

[46] **CHALLENGES AND PROSPECTS FOR SUSTAINABLE DEVELOPMENT OF RURAL AREAS IN TRANSFORMING ECONOMIES: THE CASE OF NEW EU MEMBERS AND COMMON INDEPENDENT STATES**

*Long Beach Convention and Entertainment Center/Promenade 203 A*

Organized Symposium

**Organizers:** Zbigniew Bochniarz, University of Minnesota; Szczepan Figiel, Olsztyn University; Masahiko Gemma, Waseda University

**Moderator:** Zbigniew Bochniarz, University of Minnesota

**Panelists:** Szczepan Figiel, Olsztyn University; Wojciech Florkowski, University of Georgia; Masahiko Gemma, Waseda University

**[47] PUBLIC AND PRIVATE INVESTMENT AND INCOME IN DEVELOPING ECONOMIES**

*Renaissance/Renaissance Ballroom V*

Selected Paper Session

The papers in this session examine how public and private investment and rapid economic growth influence income and poverty. One paper estimates how public investment in different sectors impacts the poor. Another paper investigates how non-private investments in a marketing chain influence producer decisions and income. A third examines the role of non-farm enterprises in rural income and how access to investment capital influences entry, growth and productivity of these enterprises. The final paper investigates the trade-off between income gains and increasing inequality and risk in the context of rapid growth and development.

**Moderator:** Jose Andino, North Dakota State University

**Presentations:**

*Public Investment Composition and Poverty Outcomes in Ethiopia* - Tewodaj Mogues, Shenggen Fan and Zelekawork Paulos, International Food Policy Research Institute; Gezahegn Ayele, Ethiopian Development Research Institute

*The Investment Climate and Enterprise Performance in Rural Pakistan: Implications for Rural Non-Farm Employment Generation and Poverty Reduction* - Mona Sur, World Bank; Jian Zhang, University of California at Davis

*Investment and Income Responses to Marketing Channel Choice* - Hamish Gow and Aleksan Shanoyan, University of Illinois at Urbana-Champaign

*Can Growth Compensate Inequality and Risk?---A Welfare Analysis for Chinese Urban Households* - Xiangyi Meng, University of California at Berkeley; Heping Cao, Peking University; Ethan Ligon, University of California at Berkeley

**Industrial Organization/Supply Chain Management**

**[48] CONTRACTS II: APPLIED THEORY**

*Long Beach Convention and Entertainment Center/Promenade 102 A*

Selected Paper Session

Applied-theoretic explanation of the coexistence of spot and contract markets, the effect of weak contract enforcement of investment and the role of contract law in contract enforcement.

**Moderator:** Brent Hueth, Iowa State University

**Presentations:**

*Uncertainty and Investment with Weak Contract Enforcement* - Johan Swinnen, University of Leuven; James Vercammen, University of British Columbia

*Multilateral-Reputation Mechanisms and Contract Law in Agriculture: Complements or Substitutes?* - Armelle Maze, Institut National de la Recherche Agronomique

*On the Coexistence of Spot and Contract Markets: A Delivery Requirement Explanation* - George Hendrikse, Erasmus University Rotterdam

## **Policy Analysis**

### **[49] IMPLICATIONS AND IMPACTS OF DECOUPLED PAYMENTS**

*Long Beach Convention and Entertainment Center/Promenade 203 B*

Organized Symposium

Decoupled payments have been a centerpiece of U.S. farm commodity policy for ten years, yet their impacts continue to be debated. This organized symposium will cover a range of aspects about decoupled payments through three presentations. Keith Coble and Corey Miller will present findings of a survey measuring producer expectations and the value of base acreage. Fariz Ahmadov, Ashok Mishra and Barry Barnett will present findings from a study that examines how farm households have used (or would use) the proceeds from federal direct payments. Finally, Barry Goodwin and Ashok Mishra will discuss how decoupled payments affect acreage decisions.

**Organizers:** James Miller and Keith Coble, Mississippi State University

**Moderator:** Keith Coble, Mississippi State University

**Discussant:** Robert Thompson, University of Illinois at Urbana-Champaign

#### **Presentations:**

*Explaining Allocations of Fixed Payments across Various Farm and Household Uses* - Fariz Ahmadov, University of Georgia; Ashok Mishra, USDA-Economic Research Service; Barry Barnett, University of Georgia

*Evaluating Producer Willingness-to-Accept for Decoupled Payment Base Acres* - James Miller and Keith Coble, Mississippi State University

*How Do Farm Programs Affect Acreage Decisions? The Role of Base Updating, Decoupling, and Counter-Cyclical Payments* - Barry K. Goodwin, North Carolina State University; Ashok Mishra, USDA-Economic Research Service

### **[50] IMPORTANCE AND IMPLICATIONS OF FARM PROGRAM PAYMENTS**

*Renaissance/Sicilian A*

Selected Paper Session

The papers in this session examine how farm program payments influence agriculture production, farmland concentration and structure of U.S. agriculture. The first paper provides the importance of farm household typology on the subsidies.

**Moderator:** Saleem Shaik, Mississippi State University

**Presentations:**

*Effects of Farm Program Payments on Farm Economic Structure* - Saleem Shaik, Mississippi State University; Glenn Helmers, University of Nebraska at Lincoln

*Government Payments and Farmland Concentration* - Nigel Key and Michael Roberts, USDA-Economic Research Service

*Do Direct Payments Distort Agricultural Production? A Pseudo Panel Analysis* - Erik O'Donoghue, USDA-Economic Research Service; James Whitaker, Utah State University

*A New U.S. Farm Household Typology: Implications for Agricultural Subsidies* - Brian Briggeman, Oklahoma State University; Allan Gray, Purdue University

**Research Methods/Econometrics/Stats**

**[51] ANALYTICAL METHODS IN NON-MARKET VALUATION AND SURVEY ANALYSIS**

*Renaissance/Sicilian B*

Selected Paper Session

Four papers that address alternative applications of experimental, survey and auction data analysis are to be presented. Methodological issues pertinent to applications with these data are evaluated.

**Moderator:** Hayley Chouinard, Washington State University

**Presentations:**

*A New Approach to Correct for Hypothetical Bias in Stated Preference Models:* - Stephen Davies and John Loomis, Colorado State University

*Modeling the Acceptance of High  $\beta$ -Carotene Maize: Do Externalities Matter?* - Monika Tothova, Organization for Economic Co-operation and Development; William Meyers, Food and Agricultural Policy Research Institute

*Split-Sample Tests of "Don't Know" and "Indifferent" Responses in an Attribute Based Choice Model* - Eli Fenichel, Frank Lupi, John Hoehn and Michael Kaplowitz, Michigan State University

*A New Approach to Experimental Auction Valuation* - Jay Corrigan, Kenyon College

**Resource and Environmental Policy Analysis**

**[52] MANAGING GROUNDWATER RESOURCES**

*Renaissance/Capri*

Selected Paper Session

These papers use dynamic models to analyze problems in the management of water resources, with particular applications to aquifers and reservoirs.

**Moderator:** G. Van Kooten, University of Victoria

**Presentations:**

*Implementing Options Markets in California to Manage Water Supply Uncertainty* - Kristiana Hansen, Richard Howitt and Jeffrey Williams, University of California at Davis

*Integrated Management of Multiple Aquifers with Subsurface Flows and Inter-District Water Transport* - Basharat Pitafi, Southern Illinois University; James Roumasset, University of Hawaii

*Comparing the Cost Effectiveness of Several Policy Tools at Conserving Groundwater in the Kansas High Plains* - Ya Ding and Jeffrey Peterson, Kansas State University

*Pricing Resource Extraction with Stock Externalities* - Sittidaj Pongkijvorasin, University of Hawaii; Basharat Pitafi, Southern Illinois University; James Roumasset, University of Hawaii

**Risk and Uncertainty**

[53] **ADVANCES IN RISK THEORY**

*Renaissance/Corsican*

Selected Paper Session

**Moderator:** Gabriel Power, Cornell University

**Presentations:**

*Examining the Functional Specification of Two-Parameter Model under Location and Scale Parameter Condition* - Takahiro Nakashima, National Agriculture and Food Research Organization

*A Cost Approach to Economic Analysis under Production Uncertainty* - Jean Paul Chavas, University of Wisconsin at Madison

*Risk Preferences, Perceptions and Systematic Biases* - Ines Langrock and Terrance Hurley, University of Minnesota

*The Confidence Limits of a Geometric Brownian Motion* - Calum Turvey and Gabriel Power, Cornell University

**Monday, July 24**

**3:30 p.m. - 5:00 p.m.**

**Principal Paper**

## **[54] POLICY CONSIDERATIONS AND REGULATION OF AGRICULTURAL CONTRACTS**

*Long Beach Convention and Entertainment Center/Promenade 101 A*

### Policy Analysis

This session proposes four topics that shed light on important positive and normative questions related to the regulation of agricultural contracts. Topics range from a discussion of the efficiency and distributional consequences of specific contractual clauses, the application of antitrust law to agricultural contracting, the potential unintended consequences of amending private contracts through statutory intervention and the political economy of policy-making in agricultural contracting.

**Organizer:** Steve Wu, The Ohio State University

**Moderator:** Carolyn Dimitri, USDA-Economic Research Service

### **Presentations:**

*Reading the Fine Print in Agricultural Contracts: Conventional Contract Clauses, Risks and Returns* - Rachael Goodhue, University of California at Davis; Sandra Hoffmann, Resources for the Future

*Agricultural Contracting, Competition and Antitrust* - Jim MacDonald, USDA-Economic Research Service

*Private Mechanisms, Informal Incentives and Policy Intervention in Agricultural Contracts* - Jack Schieffer and Steve Wu, The Ohio State University

*Political Economy of Regulation of Broiler Contracts* - Tomislav Vukina, North Carolina State University; Poramet Leegomonchai, Manoyontchai Co. Ltd

## **Track - Agribusiness Economics and Management/Teaching, Learning and Communication**

## **[55] IMPLEMENTING BEST PRACTICES FOR LEARNING OUTCOMES IN AGRIBUSINESS EDUCATION**

*Long Beach Convention and Entertainment Center/Promenade 102 B*

Organized Symposium

**Organizer/Moderator:** Arlo Biere, Kansas State University

**Panelists:** Frank Dooley, Purdue University; James Beierlein, Pennsylvania State University; Paul Wilson, University of Arizona; Molly Espey, Clemson University

## **Track - Community Economics Network/Institutional and Behavior Economics**

## **[56] ORGANIZATION AND DELIVERY OF HEALTH CARE SERVICES IN RURAL AMERICA: A NEW INSTITUTIONAL ECONOMICS PERSPECTIVE**

*Long Beach Convention and Entertainment Center/Promenade 102 C*

Organized Symposium

The national policy debate on the delivery of health care services has centered on the inability to attract health care professionals to rural areas. The focus of this organized symposium is to present an alternative research paradigm to address the issues of cost and access to health care services in rural areas. In particular, the panelists will address the identification of optimal organizational arrangements of rural health care services through a New Institutional Economic (NIE) framework. The three presenters will have ten minutes each to lay out the case for how NIE approaches would suggest complimentary or alternative procurement mechanisms for health care services in rural areas.

**Organizers:** J. Fannin, Louisiana State University; Judith Stallmann, University of Missouri at Columbia

**Moderator:** Gail Cramer, Louisiana State University

**Discussants:** Garen Evans, Mississippi State University; Susan Capalbo, Montana State University

**Presentations:**

*Markets versus Government in the Provision of Rural Health Care Services* - Harvey James, University of Missouri at Columbia

*How to Use One NIE Framework to Design a New Rural Health Research Agenda* - James Barnes, Louisiana State University

*An Analysis of Contract Structures - HMOs* - Michael Sykuta, University of Missouri at Columbia

**Track - Extension Section**

**[57] CROPS OUTLOOK**

*Long Beach Convention and Entertainment Center/Promenade 103 A*

Organized Symposium

This organized symposium will focus on the feed grain, wheat and oilseed situation and outlook along with a complementary discussion of the emerging bio-diesel sector. Presenters will explore the current trends in U.S. and world production and disappearance along with price prospects and marketing strategies for producers during the coming year. The impacts of changes in energy costs on cropping practices and prices will also be addressed.

**Organizer/Moderator:** Mike Sands, Informa Economics, Inc.

**Presentations:**

*Corn Situation and Outlook* - Robert Wisner, Iowa State University

*Soybean Situation and Outlook* - Delton Gerloff, University of Tennessee

*Wheat Situation and Outlook* - Mike Woolverton, Kansas State University

*Energy Impacts on Traditional Cropping Relationships* - Matthew Roberts, The Ohio State University

*Premiere Forecaster Award* - Ronald Plain, University of Missouri

## **Track - Food And Agricultural Marketing Policy**

### **[58] SO YOU WANT POLICY MAKERS TO LISTEN TO YOU**

*Long Beach Convention and Entertainment Center/Promenade 201 A*

Organized Symposium

In this symposium, three experienced agricultural economists will be asked to provide their list of absolute do's and don'ts for communicating with policymakers. Joe Glauber has many years of experience working inside USDA. Andy Morton has the perspective of many years on Capitol Hill. Bob Young has worked on the hill, in academia, and now works for a farm organization in Washington DC. Tamara Wagester is responsible for coordinating and communicating with policy-makers in DC and the university academic departments.

**Organizer:** Steve Turner and Keith Coble, Mississippi State University

**Moderator:** Steve Turner, Mississippi State University

**Discussant:** Keith Coble, Mississippi State University

**Panelists:** Joseph Glauber, USDA; Andrew Morton, Senate Committee on Agriculture, Nutrition and Forestry; Robert Young, American Farm Bureau Federation; Tamara Wagester, Council on Food, Agricultural and Resource Economics

## **Track - Food Safety and Nutrition**

### **[59] FOOD SAFETY ECONOMICS: UNCERTAINTY, TECHNOLOGY AND MONITORING TO ENABLE INCENTIVES FOR SAFER FOODS**

*Long Beach Convention and Entertainment Center/Promenade 201 B*

Organized Symposium

Economic modelers in the field of food safety make important choices in conceptualizing risk and technological progress. This session includes presentations from innovative models that embody concepts of uncertainty and the role of technologies in monitoring and control of risks from food borne diseases. The first presentation addresses different conceptions of scientific uncertainty in a global modeling framework. The second and third presentations address the types of testing and control measures that are feasible, based on firm-level economic frameworks. The final presentation is a game-theoretic analysis of the regulator facing informational and technological gaps in a heterogeneous industry.

**Organizer:** Victoria Salin, Texas A&M University

#### **Presentations:**

*The Precautionary Principle and Pareto Optimality in an Uncertain World* - Robert Chambers and Tigran Melkonyan, University of Maryland at College Park

*Are Inspection and Traceability Incentives for Food Safety?* - S. Andrew Starbird, University of Santa Clara

*Using Value at Risk to Predict Food Safety Losses in Meat and Poultry Processing* - William Nganje, North Dakota State University

*Food Safety Regulator's Optimal Behavior under Industry Heterogeneity* - Bo-Hyun Cho, Centers for Disease Control and Prevention; Neal Hooker, The Ohio State University

## **Track - Graduate Student Section**

### **[60] GUIDELINES ON WRITING AND SUBMITTING JOURNAL ARTICLES**

*Long Beach Convention and Entertainment Center/Promenade 202 A*

Organized Symposium

In order to be successful and competitive in the academic job market, graduate students considering academic positions should have publications in academic and non-academic journals.

**Organizer/Moderator:** Christiane Schroeter, Purdue University

#### **Presentations:**

*On Getting Published: Views from an AJAE Editor* - Wade Brorsen, Oklahoma State University

*Experiences and Advice on Choosing and Preparing a Publishable Topic* - Jean Kinsey, University of Minnesota

*Strategies for Publishing Your Research* - John Loomis, Colorado State University; Christiane Schroeter, Purdue University

## **Track - International Section**

### **[61] THE GLOBALIZATION OF SUPPLY CHAINS AND THE IMPACT ON FARMERS**

*Long Beach Convention and Entertainment Center/Promenade 202 B*

Organized Symposium

**Organizer:** Johan Swinnen, University of Leuven

**Discussant:** Hamish Gow, University of Illinois at Urbana-Champaign

#### **Presentations:**

*Tracking the Shifts of Supply Chains and their Impact on the Poor in China* - Scott Rozelle, University of California at Davis; Jikun Huang, Chinese Academy of Science; Xiao Xia Dong, National Institutes of Health; Honglin Wang, Michigan State University

*Tomato Producers and Supermarkets in Central America: Determinants and Effects of Channel Choice* - Thomas Reardon, Fernando Balsevich and Ricardo Hernandez, Michigan State University; Julio Berdegue, RIMISP

*A General Model of Standards-Driven Development* - Johan Swinnen, University of Leuven; James Vercaemmen, University of British Columbia

## **Track - AERE**

## [62] VALUING THE ENVIRONMENT

*Long Beach Convention and Entertainment Center/Promenade 202 C*

Selected Paper Session

Papers in this session consider various aspects of environmental valuation.

**Organizer:** Nicholas Flores, University of Colorado at Boulder

**Moderator:** Christian Vossler, University of Tennessee

**Discussants:** Daniel Lew, National Marine Fisheries Service; Robert Johnston, University of Connecticut; Diane Dupont, Brock University; Stephen Hamilton, California Polytechnic State University

### **Presentations:**

*Valuing an Endangered Species Using a Choice Experiment-Based Stated Preference Method: Preliminary Results for a Stellar Sea Lion Valuation Study* - Daniel Lew, National Marine Fisheries Service; David Layton, University of Washington; Robert Rowe, Stratus Consulting

*Willingness to Pay to Reduce Community Health Risks from Municipal Drinking Water: A Stated Preference Study* - Vic Adamowicz, University of Alberta; Diane Dupont, Brock University; Alan Krupnick, Resources For Future Inc.

*Characterizing the Effects of Valuation Methodology in Function-Based Benefits Transfer* - Robert Johnston, University of Connecticut; Elena Besedin and Matthew Ranson, Abt Associates

*Robust Experimental Designs for Economic Valuation Choice Experiments* - Daniel Lew, National Marine Fisheries Service; David Layton, University of Washington; Robert Rowe, Stratus Consulting

## **Agribusiness Economics and Management**

## [63] AGRIBUSINESS CONTRACTING AND PRODUCTION AGRICULTURE

*Renaissance/Renaissance Ballroom I*

Selected Paper Session

The papers cover a wide variety of issues that arise in production agriculture such as contracting and certification. Diverse applications illustrate key points.

**Moderator:** Maria Marshall, Purdue University

### **Presentations:**

*Exploring the Potential Effects of Organic Production on Contracting in American Agribusiness* - Richard Volpe, University of California at Davis

*Beyond Organic: An Overview of Biodynamic Agriculture with Case Examples* - Jon Phillips and L. Pilar Rodriguez, California State Polytechnic University

*Is Contract Farming More Profitable and Efficient Than Non-Contract Farming - A Survey Study of Rice Farms in Taiwan* - Ching-Cheng Chang, Academia Sinica; Chi-Chung Chen, National Chung-Hsing University; Min-Ching Chin, Aletheia University; Wei-Chun Tseng, National Chung-Hsing University

*Industrial Illegitimacy and Negative Externalities: The Case of the Illinois Livestock Industry* - Filipe Pereira and Peter Goldsmith, University of Illinois at Urbana-Champaign

## **Agricultural Finance and Farm Management**

### **[64] CREDIT AND RISK**

*Long Beach Convention and Entertainment Center/Promenade 101 B*

Selected Paper Session

This session focuses on credit risk and financial performance issues.

**Moderator:** Ani Katchova, University of Illinois at Urbana-Champaign

#### **Presentations:**

*Credit Scoring Models: A Comparison between Crop and Livestock Farms* - Seda Durguner, Peter Barry and Ani Katchova, University of Illinois at Urbana-Champaign

*Credit Risk and Financial Performance Assessment: Approaches with Farm Accounting Data* - Tianwei Zhang and Paul Ellinger, University of Illinois at Urbana-Champaign

*Determining the Probability of Default of Agricultural Loans in a French Bank* - Amelie Jouault and Allen Featherstone, Kansas State University

*Analysis of Farm Service Agency Direct Loan Loss Likelihoods and Loss Rates* - Bruce Ahrendsen, Bruce Dixon, O. John Nwoha, Sandra J. Hamm and Diana M. Danforth, University of Arkansas

## **Demand and Price Analysis**

### **[65] COMMODITY MARKET STRUCTURE**

*Renaissance/Renaissance Ballroom III*

Selected Paper Session

Relationships between markets and players in those markets are studied.

**Moderator:** Mark Manfredo, Arizona State University

#### **Presentations:**

*An Econometric Analysis of the Structure of Commodity Futures Prices* - Sergio Lence, Chad Hart and Dermot Hayes, Iowa State University

*Contribution to Price Discovery in the Forest Product Markets: Futures, Forwards and Spot Markets* - Mark Manfredo, Arizona State University; Dwight Sanders, Southern Illinois University

*Do Interest Rates Explain Disaggregate Commodity Price Growth?* - Jason Franken, Philip Garcia and Scott Irwin, University of Illinois at Urbana-Champaign

*Loan Repayment Rates and Peanut Marketing: Measuring the Costs of the Marketing Loan Program* - Denis Nadolnyak and Stanley Fletcher, University of Georgia

**[66] TESTING DEMANDS**

*Renaissance/Renaissance Ballroom II*

Selected Paper Session

Demands for food and land are subjected to tests for changes in structure, aggregation, and the like.

**Moderator:** Kuo Huang, USDA-Economic Research Service

**Presentations:**

*Bargaining and Market Power in a GIS-Based Hedonic Pricing Model of the Agricultural Land Market* - Geerte Cotteleer and Cornelis Gardebroek, Wageningen University and Research Center

*Estimating Threshold Effects of Generic Fluid Milk and Cheese Advertising* - Kenji Adachi and Donald Liu, University of Minnesota

*Testing Structural Change in Demand for Foods* - Kuo Huang, USDA-Economic Research Service

*Revisiting the Rejection of Aggregate Meat Demand: Tests of Separability and the Generalized Composite Commodity Theorem in a Consistent Aggregate System* - Matthew Stockton and Rudy Kounetsron, University of Nebraska at Lincoln; George Davis, Texas A&M University

## **Food and Agricultural Marketing**

**[67] MARKETING FORECASTING AND DEMAND ASSOCIATED WITH PRODUCT ATTRIBUTES**

*Renaissance/Renaissance Ballroom IV*

Selected Paper Session

Issues associated with product differentiation and hedonic analysis will be discussed. Papers will also look at forecasting methodologies under various scenarios.

**Moderator:** Annette Levi, California State University at Chico

**Presentations:**

*Accuracy Trends and Sources of Errors in WASDE Corn and Soybean Forecasts* - Augusto Botto, Olga Isengildina, Scott Irwin and Darrel Good, University of Illinois at Urbana-Champaign

*Direct Marketing of Fresh Produce: Understanding Consumer Interest in Product and Process-Based Attributes* - Dawn Thilmany, Jennifer Keeling-Bond, Patricia Kendall, Cecil Stushnoff, Frank Stonaker and Marisa Bunning, Colorado State University

*Forecasting Consumer Preferences Using Prediction Markets and Opinion Pooling* - Jayson Lusk and Bailey Norwood, Oklahoma State University

*Identifying Submarkets in the Wine Industry: A Multivariate Approach to Hedonic Regression* - Marco Costanigro, Jill McCluskey and Ron Mittelhammer, Washington State University

## **International Trade**

### **[68] ECONOMIC WELFARE IMPACTS OF INTERNATIONAL TRADE**

*Renaissance/Sienna*

Selected Paper Session

**Moderator:** Suzanne Thornsby, Michigan State University

#### **Presentations:**

*The Impact of Multiple Volatilities on Import Demand for U.S. Grain: The Case of Soybeans* - Michael Reed and Qiang Zhang, University of Kentucky

*Welfare Effects of Technological Convergence in the Food Industries* - Jun Ruan, Munisamy Gopinath and Steven Buccola, Oregon State University

*Impacts of Mexican Avocado Imports on Consumers and California's Avocado Industry* - Hoy Carman, Lan Li and Richard Sexton, University of California at Davis

*The Impact of Brazil and Argentina's Currency Devaluation on U.S. Soybean Trade* - Jose Andino, Kranti Mulik and Won Koo, North Dakota State University

### **[69] TRADE LIBERALIZATION AND MARKET STRUCTURE**

*Renaissance/San Marco*

Selected Paper Session

**Moderator:** \*\*\*

#### **Presentations:**

*Oligopsony Distortions and Welfare Implications of Trade* - Stephen Devadoss, University of Idaho

*Oligopolistic Competition and Exchange Rate Pass-through: Import Pork Price in Korean Market* - Minkyung Kim, Konkuk University

*Competitive Analysis of Chinese Soybean Import Suppliers-The U.S., Brazil and Argentina* - Baohui Song, Mary Marchant and Shuang Xu, University of Kentucky

*Evaluation of the Substitutability between U.S. and Canadian Softwood Lumber* - Angel Aguiar and Kenneth Foster, Purdue University; Steven Shook, University of Idaho

## **International Development**

### **[70] MARKET DISTORTIONS AND FARMER DECISION-MAKING**

*Renaissance/Renaissance Ballroom V*

Selected Paper Session

These papers empirically examine the equity and efficiency impacts of market distortions. The first looks at long-run implications of land reform measures that include restrictions on rental arrangements. The second examines the effect of distorted prices on input efficiency and the third investigates how the presence of both public and private input supply chains influences input decisions.

**Moderator:** Amílcar Serrão, Universidade de Évora

#### **Presentations:**

*Romanian Maize - Distorted Prices and Producer Efficiency* - Johannes Sauer, Royal Veterinary and Agricultural University, Denmark; Balint Borbala, University of Bonn

*Modeling Fertilizer Use Decisions in a Two-Channel Marketing System* - Zhiying Xu and Thomas Jayne, Michigan State University

*Equity and Efficiency Impacts of Rural Land Rental Restrictions: Evidence from India* - Klaus Deininger and Songqing Jin, World Bank; Hari Nagarajan, National Council for Applied Economic Research

## **Industrial Organization/Supply Chain Management**

### **[71] BIOTECHNOLOGY**

*Long Beach Convention and Entertainment Center/Promenade 102 A*

Selected Paper Session

The papers in this session address issues related to Research Development, innovation and consumer demand in the biotechnology industry.

**Moderator:** Giancarlo Moschini, Iowa State University

#### **Presentations:**

*Public Agencies in Agricultural Biotechnology R&D Races* - Philippe Bontems, Institut National de la Recherche Agronomique; James Vercammen, University of British Columbia

*Pool of Basic Patents and Follow-Up Innovations in Biotechnology* - Corinne Langinier, Iowa State University

*The Role of the Private Sector in the Acceptance of GMOs* - Luc Veysiere, Iowa State University

## **Policy Analysis**

## [72] 2007 FARM BILL: SPECIALTY CROP POLICY OPTIONS AND CONSEQUENCES

*Long Beach Convention and Entertainment Center/Promenade 103 C*

### Organized Symposium

This symposium will provide information on a 2007 Farm Bill Specialty Crop Policy Options and Consequences project that is a collaborative effort of eight US universities. The specialty crop options that will be discussed in the symposium by the principle investigators include farm safety net policies, conservation policies and programs including their interface with farm safety net policies, trade policy and issues relative to specialty crops; impact of differing food assistance and nutrition policies and programs on specialty crop industries; rural development and small farm policies, research program policies, and devolution of federal agricultural policy.

**Organizer:** Jay Noel, California Polytechnic State University

**Presenters:** Tom Wahl, Washington State University; David Schweikhardt, Michigan State University; Jerry White, Cornell University; John VanSickle, University of Florida; Parr Rosson, Texas A&M University; Paul Patterson and Timothy Richards, Arizona State University; Mechel Paggi, California State University at Fresno

## [73] ISSUES RELATED TO WTO AND INTERNATIONAL FOOD PROGRAM

*Renaissance/Sicilian A*

### Selected Paper Session

The papers examine the relationship between agriculture trade and the WTO in the context of dairy and cotton. The remaining two papers examine the impact of food programs on family and children.

**Moderator:** Vincent Requillart, Institut National de la Recherche Agronomique

### Presentations:

*A Framework for Analyzing the Impact of the Means-Tested Transfer Programs on Interfamily and Intrafamily Transfers and the Economy: An Application to the Food Stamp Program* - Ajay Behl, University of Minnesota

*Impact of a New Multilateral WTO Reform on the EU Dairy Sector and on World Dairy Markets* - Zohra Bouamra-Mechemache, University of Toulouse; Vincent Requillart, University of Toulouse

*Do Food Supplementation Programs Help Children During the Crisis? Evidence from Indonesia Family Life Survey* - Elan Satriawan, Michigan State University

*The Impacts of WTO Hong Kong Declaration on U.S. Cotton Producers* - Mohamadou Fadiga, Samarendu Mohanty, Suwen Pan and Mark Welch, Texas Tech University

## Productivity Analysis

## [74] STUDIES ON PRODUCT ADOPTION AND PRODUCTIVITY

*Renaissance/Corsican*

### Selected Paper Session

Papers on ex-ante and ex-post technology adoption with implications of commercial policy.

**Moderator:** Karina Schoengold, University of California at Berkeley

**Presentations:**

*Trade Disputes, Productivity Growth and Share of Canadian Imports of Softwood Lumber* - Venkatarao Nagubadi, Daowei Zhang and Henry Thompson, Auburn University

*Technology Adoption against Invasive Species* - Ram Ranjan, University of Florida

*Crop Biodiversity and Economies of Scope: An Empirical Study on Rice Farming* - Kwansoo Kim and Donghwan An, Seoul National University

*Comparative Analysis of Pre- And Post-2002 Peanut Production* - Stanley Fletcher and Denis Nadolnyak, University of Georgia

**Research Methods/Econometrics/Stats**

**[75] APPLICATIONS OF NONSTRUCTURAL ECONOMETRIC MODELS**

*Renaissance/Sicilian B*

Selected Paper Session

Nonstructural and reduced-form models are used to evaluate a number of important economic questions. Issues relating to model flexibility, nonlinear and threshold behavior, and nonparametric inferences are investigated.

**Moderator:** Ashok Mishra, USDA-Economic Research Service

**Presentations:**

*Econometric Analysis of Rising Body Mass Index in the U.S.: 1997 Versus 2002* - Bidisha Mandal and Wen Chern, The Ohio State University

*The Expanded and Re-Parameterized Johnson System: A Most Flexible Crop-Yield Distribution Model* - Tatyana McDonald and Octavio Ramirez, New Mexico State University

*Unit Roots, TV-STAR's and the Commodity Terms of Trade: A Further Assessment of the Prebisch-Singer Hypothesis* - Matthew Holt and Joe Balagtas, Purdue University

*A Semiparametric Test for Heterogeneous Risk* - Stephen Stohs, National Marine Fisheries Service

**Resource and Environmental Policy Analysis**

**[76] THE STATE-OF-THE-ART IN GLOBAL ECONOMIC MODELS OF CLIMATE AND LAND USE: ADVANCES AND CHALLENGES FOR METHODOLOGY AND DATABASE DEVELOPMENT**

*Long Beach Convention and Entertainment Center/Promenade 203 A*

Organized Symposium

In this session several novel approaches to modeling global economic impacts of climate change and land use are discussed. In particular, the challenges in terms of both methodology and database requirements are explored in order to highlight the trade-offs that are caused by researchers dealing with complex interactions between economic and environmental processes. The models discussed range in their coverage from agriculture, forestry and urban land use and investigate the impacts on the water and the carbon cycles to various degrees. The model innovations discussed in this section will highlight the state-of-the-art methods currently used to address complex and important problems of agricultural, climate and water use policy currently facing policy researchers.

**Moderator:** Siwa Msangi, University of California at Davis

**Presentations:**

*Integrating Climate Change and Variability into Global Food and Water Policy Analysis: The IMPACT of Global Change* - Siwa Msangi, University of California at Davis; Tinghu Zhu and Mark Rosegrant, International Food Policy Research Institute

*Globally Integrated Modeling of Economic and Land-Use Implications of Agricultural Biotechnology Adoption: Preliminary Results from the FARM-II Model* - Jorge Fernandez-Cornejo, Ruben Lubowski and Agapi Somwaru, USDA-Economic Research Service

*Land-Agriculture-Atmosphere Interactions* - John Reilly, Sergey Paltsev and Xiadong Wang; Massachusetts Institute of Technology

*Advanced Methods for Economic Modeling of Global Land Use and Biomass* - Ronald Sands, Joint Global Change Research Institute

*The Role of Land Heterogeneity in Determining Climate Change Mitigation Costs* - Huey-Lin Lee, Purdue University; Steven Rose, U.S. Environmental Protection Agency; Thomas Hertel and Navin Ramankutty, Purdue University

**[77] VALUATION IN ENVIRONMENTAL POLICY ANALYSIS**

*Renaissance/Capri*

Selected Paper Session

These papers present different valuation issues arising in environmental policy.

**Moderator:** David McEvoy, University of Massachusetts at Amherst

**Presentations:**

*Valuation of Human Deaths and Illnesses Resulting from Pesticide Uses in the United States* - Hong Kim and Andrew Lee, U.S. Environmental Protection Agency

*Divergence between WTA and WTP Revisited: Livestock Grazing on Public Range* - Lili Sun, G. Van Kooten and Graham M. Voss, University of Victoria

*Talking Trash: Valuing Household Preferences for Garbage and Recycling Services Bundles Using a Discrete Choice Experiment* - Tracy Boyer and Craig O. Hamilton, Oklahoma State University

*Water Pricing Policy in Rural China: An Approach to Select the Optimal “Spatial Scale” of the Model* - Qiuqiong Huang, Scott Rozelle and Richard Howitt, University of California at Davis

## **Rural/Community Development**

### **[78] MOVING BEYOND COMMODITY SUPPORT: CAN FARM SUPPORT PROMOTE RURAL DEVELOPMENT?**

*Long Beach Convention and Entertainment Center/Promenade 103 B*

Organized Symposium

This symposium will explore linkages between farm programs and rural development. Many experts have argued that commodity-based farm programs have not been compatible with the objectives of rural development, and the question to be examined is how agricultural policy might be designed to better meet the goals of rural policy. There will be three presentations of 15 minutes each. At least half an hour will be reserved for audience discussion. Speakers will evaluate the success of EU Pillar II payments to farmers in promoting rural development, the potential for U.S. agri-environmental programs (such as the Conservation Reserve Program) to serve broader rural objectives, and ways that the next U.S. farm bill might promote a better harmony between agricultural and rural programs.

#### **Presentations:**

*Rural Development in the EU: Can Pillar II Payments to Farmers Promote Rural Policy?* - Nancy Cochrane, Timothy Wojan and Mary Anne Normile, USDA-Economic Research Service

*Rural Development Policy Requirements: Empowering Unknown Actions by Unknown Agents in Non-Specified Places* - George McDowell, Virginia Polytechnic Institute and State University

*The Potential of Farm Conservation Programs to Enhance Rural Development* - David McGranahan, Patrick Sullivan and Roger Claassen, USDA-Economic Research Service

*Moving beyond U.S. Commodity Programs to Achieve Rural Economic Development: A Vision for 21st Century Rural Vitality* - John Miranowski, Iowa State University

## **Teaching, Communication and Extension**

### **[79] STRENGTHENING RESEARCH AND EXTENSION COLLABORATION WITHIN AND BETWEEN 1890 AND 1862 LAND GRANT INSTITUTIONS**

*Long Beach Convention and Entertainment Center/Promenade 203 B*

Organized Symposium

Research and extension collaboration has traditionally been a challenge, especially within and among the smaller land grant institutions, primarily because of limited resources. These institutions' ability to interact with counterpart researchers and extension educators in the larger 1862 institutions is similarly constrained by lack of resources. This symposium highlights successes, identifies obstacles and explores ways in which research and extension collaboration can be strengthened within the land grant system.

**Organizers:** Duncan Chembezi, Alabama A&M University; Christopher Davis, USDA-Economic Research Service; Kenneth Stokes, Texas A&M University; Kevin Klair, University of Minnesota; Ntam Baharanyi, Tuskegee University

**Presentations:**

*Public and Private Sector Collaboration: The Southern Region Risk Management Education Center* - Kenneth Stokes, Texas A&M University

*Opportunities for Collaboration: Lessons from the Southern AgBiotech Consortium for Underserved Communities* - Duncan Chembezi and Govind Sharma, Alabama A&M University

*Collaboration on Farm Financial Management and Business Planning* - Kevin Klair, University of Minnesota

*An Assessment of Post-SOFSEC Collaborative Initiatives and the Involvement of Agricultural Economists and Other Social Scientists* - Ntam Baharanyi and Robert Zabawa, Tuskegee University

## Tuesday, July 25

**10:30 a.m. - 12:00 p.m.**

**Principal Paper**

[80] **ORPHANING AND HIV/AIDS: THREE ANALYSES FROM AFRICA**

*Long Beach Convention and Entertainment Center/Promenade 101 A*

International Development

**Organizer:** Channing Arndt, Purdue University

**Moderator:** William Masters, Purdue University

**Discussant:** Terry Roe, University of Minnesota

**Presentations:**

*Orphanhood and the Long-Run Impact on Children* - Kathleen Beegle, World Bank; Joachim de Weerd, Economic Development Initiatives; Stefan Dercon, University of Oxford

*Orphans in Malawi: Prevalence, Outcomes and Targeting of Services* - Manohar P. Sharma, International Food Policy Research Institute

*Orphans and Discrimination in Mozambique: An Outlay Equivalence Analysis* - Channing Arndt, Purdue University; Mikkel Barlund, University of Copenhagen; Virgulino Nhate, Ministry of Planning And Development; Katleen Van Den Broeck, World Bank

**Track - Agribusiness Economics and Management/Teaching, Learning and Communication**

[81] **REPORT OF NATIONAL FOOD AND AGRIBUSINESS MANAGEMENT EDUCATION COMMISSION**

*Long Beach Convention and Entertainment Center/Promenade 102 B*

Organized Symposium

**Organizers:** Michael Boland, Kansas State University; Jay Akridge, Purdue University

**Panelist:** Michael Boland, Kansas State University

**Presentations:**

*NFAMEC Recommendations* - Jay Akridge, Purdue University; Michael Boland, Kansas State University

*College of Business Reaction to NFAMEC Recommendations* - Brent Hathaway, University of Wyoming

*College of Agriculture Reaction to NFAMEC Recommendations* - Daniel Bernardo, Washington State University

*US Department of Agriculture CSREES Reaction to NFAMEC Recommendations* - Franklin Boteler, USDA-Cooperative State Research, Education and Extension Service

**Track - Community Economics Network**

**[82] INNOVATIONS IN GRADUATE AND ON-LINE TEACHING IN RURAL ECONOMIC DEVELOPMENT**

*Long Beach Convention and Entertainment Center/Promenade 102 C*

Organized Symposium

While rural and regional economic development has maintained a visible presence in many departments, it still remains a rather specialized field, especially at the graduate level. As a result, demand for training in this area was relatively flat throughout the 1990s. Recent advances in IT, however, have provided new opportunities for teaching post-baccalaureate professionals and adult learners. In addition, the “new economic geography” has sparked interest in an emerging paradigm of rural and regional development among the next generation of scholars. While exciting, these trends have provided new challenges to academics.

**Organizer:** J. Fannin, Louisiana State University

**Panelists:** David Kraybill, The Ohio State University; Judith Stallmann and Thomas Johnson, University of Missouri at Columbia

**Track - Extension Section**

**[83] INTEGRATION, APPLICATION, LEARNING AND TEACHING: INSTITUTIONAL ROLES IN SCHOLARSHIP DEVELOPMENT**

*Long Beach Convention and Entertainment Center/Promenade 103 A*

Organized Symposium

Ernest Boyer advocated a definition of scholarship expanded from traditional research, encouraging advancement of interpretation, synthesis, engagement, transformation and extension of knowledge while maintaining rigor and

accountability. For the individual scholar, establishing credentials, keeping current, maintaining high standards and having works assessed are critical to professional development and recognition. As the scholar's operating environment may be conducive to growth or constraining, the role of departments, regional committees, AAEA and its sections in broadening agricultural economics scholarship will be discussed.

**Organizer/Moderator:** Damona Doye, Oklahoma State University

**Presentations:**

*Extension Scholarship: A Brief Review of the Literature* - Larry Sanders, Oklahoma State University

*The Role of AAEA in Fostering Extension Scholarship* - Jon Brandt, North Carolina State University

*The Role of Regional Committees and AAEA Sections in Scholarship Development* - George Patrick, Purdue University

*The Role of Departments in Promoting Scholarship* - Gene Nelson, Texas A&M University

**Track - Food And Agricultural Marketing Policy**

**[84] IMPACTS OF NORTH AMERICAN ECONOMIC INTEGRATION ON U.S. AGRICULTURAL PRODUCTS**

*Long Beach Convention and Entertainment Center/Promenade 203 C*

Organized Symposium

The purpose of this symposium is to examine the impacts and implications of the growing integration of the North American agricultural complex and the role that the North American Free Trade Agreement has played. Evolving supply chains in beef, pork, live animals, rice, and sorghum will be discussed, focusing on growing integration and the impacts of disruptions to trade. The role of foreign direct investment among the United States, Canada, and Mexico will be considered. Applied research and extension education issues will be presented and discussed.

**Organizers:** Flynn Adcock and Parr Rosson, Texas A&M University

**Discussant:** Stanley Fletcher, University of Georgia

**Presentations:**

*The Integration of the North American Meat Supply Chain* - Flynn Adcock and Parr Rosson, Texas A&M University

*U.S. Rice Trade with Mexico: Integrated Supply Chain or Just Exports?* - Eric Wailes, University of Arkansas

*The Growing Importance of U.S. Sorghum to the Mexican Animal Feeding Industry* - Jaime Malaga, Texas A&M University

*The Role of Foreign Direct Investment in North American Agricultural Integration* - Michael Reed, University of Kentucky

**Track - Food Safety and Nutrition**

**[85] NEW DEVELOPMENTS IN FEDERAL NUTRITION POLICY**

Jointly sponsored with American Council on Consumer Interests (ACCI)  
*Long Beach Convention and Entertainment Center/Promenade 201 B*

Organized Symposium

The federal government invests in the quality of the nation's nutrition using several important and distinct tools. This session will discuss: the newly revised edition of USDA's "Thrifty Food Plan," a nutritionally sound food bundle which may be purchased for approximately the cost of the maximum food stamp benefit; the two largest federal food assistance and nutrition programs, the U.S. Food Stamp Program and the Special Supplementary Nutrition Program for Women, Infants and Children (WIC); and the response of consumer demand to nutrition facts labels.

**Organizer:** Parke Wilde, Tufts University

**Presentations:**

*The 2006 Thrifty Food Plan* - Andrea Carlson, USDA-Center for Nutrition Policy and Promotion

*Spillover Effects in the WIC Program* - Shelly Ver Ploeg, USDA-Economic Research Service

*Food Stamps, Food Spending and Food Security* - Parke Wilde, Tufts University; Anne Golla, USDA-Economic Research Service; Beatrice Rogers, Tufts University

*Convenience Foods and Nutrition Labels* - Rimma Shiptsova, Utah State University; Michael Harris, USDA-Economic Research Service

**Track - International Section**

**[86] CLOSING THE GAP BETWEEN POLICY ADVICE AND ACTION: IS IT THE MESSAGE OR THE MEDIUM?**

*Long Beach Convention and Entertainment Center/Promenade 202 B*

Organized Symposium

**Organizer:** William Meyers, Food and Agricultural Policy Research Institute

**Moderator:** Stanley Johnson, Iowa State University

**Discussants:** Davit Kirvalidze, University of Maryland at College Park; Don Van Atta, Development Alternatives, Inc.; Shenggen Fan, International Food Policy Research Institute

**Presentations:**

*Two Steps Forward, Three Steps Back: Where Is the Orange Revolution?* - Stephan Von Cramon-Taubadel, University of Goettingen, Germany

*Political Economy of Policy Reform During Transition: What Makes the Difference?* - Johan Swinnen, University of Leuven

*Reducing Poverty and Hunger: Failure of Imagination or Political Will?* - Kostas Stamoulis, Food and Agriculture Organization of the United Nations

## **Track - Senior**

### **[87] DOMESTIC FARM AND CONSERVATION POLICY IN RETROSPECT—IMPLICATIONS FOR THE FUTURE**

*Long Beach Convention and Entertainment Center/Promenade 103 B*

#### **Organized Symposium**

This organized symposium has as its objective to briefly provide a historical perspective on policy in the related areas of domestic farm policy and conservation policy; then drawing implications for the future.

**Organizer/Moderator:** Ronald Knutson, Texas A&M University

**Presenters:** Luther Tweeten, The Ohio State University; Otto Doering, Purdue University

**Discussant:** Robert E. Young, American Farm Bureau Federation

#### **Presentations:**

*Wayne Rasmussen Tribute* - Anne Effland, USDA-Economic Research Service

## **Track - AERE**

### **[88] ENVIRONMENTAL MANAGEMENT AND ECONOMIC IMPACTS**

*Long Beach Convention and Entertainment Center/Promenade 202 C*

#### **Selected Paper Session**

Papers in this session consider various environmental and resource management issues.

**Organizer:** Nicholas Flores, University of Colorado at Boulder

**Moderator:** Jinhua Zhao, Iowa State University

**Discussants:** Wilma Rose Anton, University of Central Florida; DooHwan Won, University of Illinois at Urbana-Champaign; Jinhua Zhao, Iowa State University; John Lynham, University of California at Santa Barbara

#### **Presentations:**

*Production and Abatement Distortions under Noisy Green Taxes* - Hongli Feng and David Hennessy, Iowa State University

*Green Management and the Nature of Technical Innovation* - George Deltas, University of Illinois at Urbana-Champaign; Donna Harrington, University of Guelph; Madhu Khanna, University of Illinois at Urbana-Champaign

*Exhaustible Resource Depletion in a Two-Region Competitive Economy* - Ramesh Kumar, University of Waterloo

*The Economic Impact of Contaminated and Noxious Sites: A Meta Analysis* - DooHwan Won and John Braden, University of Illinois at Urbana-Champaign; Laura Taylor, North Carolina State University

## **Agribusiness Economics and Management**

### **[89] AGRIBUSINESS MANAGEMENT AND AGRICULTURAL INPUTS**

*Renaissance/Renaissance Ballroom I*

Selected Paper Session

The papers cover a broad spectrum of issues in the agricultural input sector. Various case studies are used to highlight concepts.

**Moderator:** Daniel Tilley, Oklahoma State University

#### **Presentations:**

*Job Attitudes of Agricultural Middle Managers* - Vera Bitsch, Michigan State University

*Understanding How Farmers Evaluate and Value Services* - Michael Gunderson, Purdue University

*Assessing Agricultural Input Brand Loyalty among U.S. Mid-Size and Commercial Producers* - Anetra Harbor, Marshall Martin and Jay Akridge, Purdue University

*Effect of Crop Choice on Split Fertilizer Application* - Mira Nurmakhanova and Catherine Kling, Iowa State University

### **[90] EMERGING ISSUES IN LAND MARKET ANALYSIS**

*Long Beach Convention and Entertainment Center/Promenade 103 C*

Organized Symposium

**Organizer:** Soji Adelaja, Michigan State University

#### **Presentations:**

*Speculative Behavior in Agricultural Land Demand: Empirical Tests of U.S. States* - Soji Adelaja, Michigan State University; Paul Gottlieb, Rutgers, the State University of New Jersey; Saichon Seedang, Michigan State University

*Farmland Price Discounts and Farm Capital Structure* - Ani Katchova and Cesar Ciappa, University of Illinois at Urbana-Champaign

*Down-Zoning and Its Impact on Property Values* - Paul Gottlieb, Rutgers, the State University of New Jersey; Soji Adelaja, Michigan State University

*Public Demand for Farmland and Agricultural Heritage Preservation* - Patricia Norris, Michigan State University; Brady Deaton, University of Guelph

## **Agricultural Finance and Farm Management**

### **[91] DEBT FINANCING AND SAVINGS**

*Long Beach Convention and Entertainment Center/Promenade 101 B*

## Selected Paper Session

The papers in this session examine issues related to debt financing and government lending programs.

**Moderator:** Bruce Ahrendsen, University of Arkansas

### **Presentations:**

*Borrower Graduation Rates and Reasons for Exiting FSA Direct Farm Loan Programs* - Bruce Dixon, Bruce Ahrendsen, O. John Nwoha, Sandra J. Hamm and Diana M. Danforth, University of Arkansas

*Examining the Potential Benefits of Federally Subsidized Farm Savings Accounts for Dairy Farmers* - Dolapo Enahoro and Brent Gloy, Cornell University

*An Analysis of Federal Land Bank Borrowers* - Gregory Ibendahl, Mississippi State University

*Factors Determining the Use of Guaranteed Loans by U.S. Commercial Banks* - Latisha Settlege, Bruce Dixon and Bruce Ahrendsen, University of Arkansas; Steven Koenig, USDA-Economic Research Service

## **Consumer/Household Economics**

### **[92] SO MANY CHOICES, SO LITTLE TIME: THE IMPORTANCE OF TIME IN FOOD CONSUMPTION DECISIONS**

*Renaissance/Capri*

## Selected Paper Session

The papers in this session explore the importance of time as a determinant of food consumption and consumer food choices.

**Moderator:** Stephen Crutchfield, USDA-Economic Research Service

### **Presentations:**

*A Structural Econometric Model of Consumer Behavior at Farmers' Pick-Your-Own Fruit Operations* - Carlos Carpio and Michael Wohlgenant, North Carolina State University

*Effects of Endogenous Task Complexity and the Endowed Bundle on Stated Choice* - Wuyang Hu, University of Nevada at Reno

*The Cost of Time in Food Preparation at Home* - George Davis and Wen You, Texas A&M University

*Who's Cooking? Time Spent Preparing Food by Gender, Income, and Household Composition* - Lisa Mancino and Constance Newman, USDA-Economic Research Service

## **Demand and Price Analysis**

### **[93] INPUT DEMANDS**

*Renaissance/Renaissance Ballroom II*

Selected Paper Session

**Moderator:** Shanjun Li, Duke University

**Presentations:**

*Estimating a Demand Function for Poultry Litter* - R.I. Carreira and Harold Goodwin, University of Arkansas

*Impacts of U.S. Gluten Imports on the Demand for Domestic Food Wheat* - Caiping Zhang and Thomas Marsh, Washington State University

*The Demand for Livestock by the U.S. Meat Processing Industry* - Tullaya Boonsaeng and Michael Wohlgenant, North Carolina State University

*Determinants of the Organic Farmers' Demand for Hired Farm Labor* - Carrie Neely and Cesar Escalante, University of Georgia

[94] **LIVESTOCK MARKET PERFORMANCE**

*Renaissance/Renaissance Ballroom III*

Selected Paper Session

**Moderator:** Miguel Gomez, Cornell University

**Presentations:**

*Has the Performance of the Hog Options Market Changed?* - Hernán A. Urcola, University of Illinois at Urbana-Champaign; Scott H. Irwin, University of Illinois at Chicago

*Shock Absorbing Prices - A Look at Cattle and Feed* - Carlos Arnade, USDA-Economic Research Service

*Milk Marketing Order Winners and Losers* - Hayley Chouinard, Washington State University; David Davis, South Dakota State University; Jeffrey LaFrance and Jeffrey Perloff, University of California at Berkeley

*A DAG Analysis of Cull Cow Prices* - Dillon Feuz, Matthew Stockton and Suparna Bhattacharya, University of Nebraska at Lincoln

**Emerging Technologies**

[95] **ECONOMICS OF ETHANOL AND COTTON PRODUCTION PRACTICES**

*Long Beach Convention and Entertainment Center/Promenade 202 A*

Selected Paper Session

Studies on ethanol and cotton adoption issues and their environmental impacts.

**Moderator:** Michele Marra, North Carolina State University

**Presentations:**

*Ethanol from Biomass: Economic and Environmental Potential of Converting Corn Stover and Forest Residue in Minnesota* - Daniel Petrolia, University of Minnesota

*Adoption of No-Tillage Practices, Other Conservation-Tillage Practices and Herbicide-Resistant Cotton Seed, and Their Synergistic Environmental Impacts* - Roland K. Roberts and Burton English, University of Tennessee; Qi Gao, Texas A&M University; James A. Larson, University of Tennessee

*Environmental Consequences of Ethanol from Corn Grain, Ethanol from Lignocellulosic Biomass, and Gasoline* - Lawrence Mapemba, Francis Epplin and Raymond Huhnke, Oklahoma State University

*Tarnishing Silver Bullets: Bt Cotton Adoption and the Outbreak of Secondary Pest Infestation in China* - Shenghui Wang, David Just and Per Pinstrup-Andersen, Cornell University

## **Environmental Economics**

### **[96] REGULATING NON-POINT SOURCE POLLUTION**

*Long Beach Convention and Entertainment Center/Seaside 305 B*

Selected Paper Session

This session explores the costs and informational issues surrounding various mechanisms to manage nonpoint source pollution.

**Moderator:** Christian Vossler, University of Tennessee

#### **Presentations:**

*An Experimental Exploration of a Voluntary Mechanism to Reduce Nonpoint Source Water Pollution with a Background Threat of Regulation* - Jordan Suter and Gregory Poe, Cornell University; Christian Vossler, University of Tennessee; Kathleen Segerson, University of Connecticut; William Schulze, Cornell University

*Schemes to Regulate Non-Point Water Pollution: Making Sense of Experimental Results* - Helen Pushkarskaya, The Ohio State University

*Transaction Costs and Point/Nonpoint Source Water Pollution Trading* - James Shortle and Nga Nguyen, Pennsylvania State University

*Optimal Pollution Permit Trading Ratio under Incomplete Information on Abatement Costs and Environmental Damages* - Sergey Rabotyagov and Hongli Feng, Iowa State University

## **Food and Agricultural Marketing**

### **[97] CHANGES AND IMPROVEMENTS IN AGRIBUSINESS**

*Renaissance/Renaissance Ballroom IV*

Selected Paper Session

Various studies will be presented targeting marketing decisions made by producers.

**Moderator:** Lisa House, University of Florida

**Presentations:**

*Willingness to Pay versus Expected Consumption Value in Vickrey Auctions for New Experience Goods* - Frode Alfnes, Norwegian University of Life Sciences

*Optimal Market Contracting in the California Lettuce Industry* - Jay Noel, California Polytechnic State University; Kallie Donnelly, California Institute for the Study of Specialty Crops

*Technology Adoption of E-Marketing by Farms in the Northeast U.S.* - Alexander Baer and Cheryl Brown, West Virginia University

*Increasing U.S. Hard Red Winter Wheat Competitiveness in Latin American Markets* - Rosa Gallardo and Rodney Holcomb, Oklahoma State University

## **Food Safety and Nutrition**

### **[98] REGULATING FOOD SAFETY AND NUTRITION**

*Long Beach Convention and Entertainment Center/Seaside 302*

Selected Paper Session

This session addresses regulatory issues concerning food safety and nutrition. Topics include the cost of food safety regulation, allowing health claims to be made for specific foods and modeling food recalls decisions.

**Moderator:** Sandra Hoffman, Resources for the Future

**Presentations:**

*Estimating the Effect of FDA Allowed Health Claims on the Consumption of Soy-Based Foods* - Arbindra Rimal, Missouri State University; Wanki Moon, Southern Illinois University

*The Economic Forces Driving the Costs of Food Safety Regulation* - Michael Ollinger, USDA-Economic Research Service; Danna Moore, Washington State University

*A Regulatory Model of Food Recalls* - Michael Thomsen, Philip Crandall and Corliss O'Bryan, University of Arkansas

## **Human Capital and Labor**

### **[99] INVESTING IN DIVERSITY: A FORUM FOR INCREASED UNDERSTANDING OF THE BENEFITS AND INCENTIVES FOR ENHANCING DIVERSITY**

*Long Beach Convention and Entertainment Center/Promenade 201 A*

Organized Symposium

Increased workforce diversity has become a necessity for all sectors of the U.S. economy, agriculture not withstanding. The literature on the need for diversity in both academics and industry is extensive, but is almost without exception lacking a systematic assessment of the economic and social value of increased diversity. This symposium is based on

the creation of an economic-based framework to measure investments in diversity, and uses an overview of institutional efforts to enhance diversity and empirical evidence from the agricultural sciences as an observational foundation.

**Moderator:** Rawley Heimer, Montana State University

**Presenter:** Susan Capalbo, Montana State University

**Panelists:** Nicole Ballenger, University of Wyoming; Katherine Smith, USDA-Economic Research Service

## **International Trade**

### **[100] COTTON TRADE ISSUES**

*Renaissance/San Marco*

Selected Paper Session

**Moderator:** Matt Shane, USDA-Economic Research Service

#### **Presentations:**

*The Doha Round Declaration on Cotton: A Catalyst for Poverty Reduction in Africa?* - Lorea Barron Blasco and Stephen Devadoss, University of Idaho

*Impacts of the Sino-U.S. and Sino-EU Textile Agreements on World Cotton and Textile Markets* - Suwen Pan, Mark Welch, Samarendu Mohanty, Mohamadou Fadiga and Don Ethridge, Texas Tech University

*Impact of Global Cotton Markets on Rural Poverty in Pakistan* - David Orden, International Food Policy Research Institute; Abdul Salam and Hina Nazli, Innovative Development Strategies; Reno Dewina and Nicholas Minot, International Food Policy Research Institute

### **[101] TRADE AGREEMENTS**

*Renaissance/Sienna*

Selected Paper Session

**Moderator:** Albert Allen, Mississippi State University

#### **Presentations:**

*Reconsidering Adjustment Costs of the Association Agreement: The Case of Hungarian Food Industry* - Imre Fert, Hungarian Academy of Sciences

*Trade Creation and Trade Diversion in the North American Free Trade Agreement: The Case of Agricultural Sector* - Dwi Susanto, Parr Rosson and Flynn Adcock, Texas A&M University

*Free Trade Agreements in the Western Hemisphere* - P. Lynn Kennedy, Elizabeth Roule and Brian Hilbun, Louisiana State University

*Impacts of Sugar Free Trade Agreements on the U.S. Sugar Industry* - Renan Zhuang and Won Koo, North Dakota State University

## **International Development**

### **[102] SHOCKS TO THE SYSTEM**

*Renaissance/Renaissance Ballroom V*

Selected Paper Session

These papers examine the short and long run impacts of shocks and coping mechanisms. One paper estimates the producer and consumer losses associated with the outbreak of avian influenza in Southeast Asia. The second paper investigates labor response as a means of coping with negative shocks. The third paper examines a broader number of strategies and determines the factors that influence the sequence of coping methods employed. The final paper studies the dynamics of poverty.

**Moderator:** Ereny Hadjigeorgalis, New Mexico State University

#### **Presentations:**

*Dealing with Shocks: An Empirical Investigation of Household Coping Strategies* - Dewan Rashid, Tango International Inc.; Mark Langworthy and Satheesh Aradhyula, University of Arizona

*A Duration Analysis of Poverty Transitions in Rural Kenya* - Lilian Kirimi and Kirimi Sindi, Michigan State University

*The Impact of Avian Influenza on Small and Medium Scale Poultry Producers in Southeast Asia* - David Hall, Consultant, Animal Health Economics; Carolyn Benigno and Wantanee Kalpravidh, Food and Agriculture Organization of the United Nations

## **Industrial Organization/Supply Chain Management**

### **[103] CONCENTRATION AND STRUCTURAL CHANGE: CAUSES AND EFFECTS**

*Long Beach Convention and Entertainment Center/Promenade 102 A*

Selected Paper Session

The studies in this session shed light on the causes and horizontal/vertical effects of concentration in the food marketing channel.

**Moderator:** Jeffrey Reimer, Oregon State University

#### **Presentations:**

*The Effect of Entry by Wal-Mart Supercenters on Retail Grocery Concentration* - Bobby Martens, Iowa State University; Frank Dooley and Sounghun Kim, Purdue University

*Structural Change in the U.S. Food Manufacturing Sector* - Shinn-Shyr Wang and Kyle Stiegert, University of Wisconsin at Madison; Richard Rogers, University of Massachusetts at Amherst

*Supply Chain Management and the Changing Structure of U.S. Organic Produce Markets* - Timothy Woods and Fabien Tondel, University of Kentucky

*Retailer Pricing Strategies and Market Power: Implications for Agricultural Producers* - Lan Li and Richard Sexton, University of California at Davis

## **Natural Resource Economics**

### **[104] BIODIVERSITY**

*Long Beach Convention and Entertainment Center/Seaside 306 A*

Selected Paper Session

This session explores spatial, policy and dynamic analyses of biodiversity issues.

**Moderator:** Seong-Hoon Cho, University of Tennessee

#### **Presentations:**

*Dynamic Reserve Selection with an Endogenous Measure of Vulnerability and Amenity Spillover Effect* - Kshama Harpankar, University of Minnesota

*Protecting the African Elephant: A Dynamic Bioeconomic Model of Ivory Trade* - G. Van Kooten, University of Victoria

*On the Productive Value of Biodiversity* - Jean Paul Chavas, University of Wisconsin at Madison

*Wildlife Conservation Payments to Address Habitat Fragmentation and Disease Risks* - Richard Horan, Michigan State University; Jason Shogren, University of Wyoming; Benjamin Gramig, Michigan State University

### **[105] FISHERY MANAGEMENT**

*Long Beach Convention and Entertainment Center/Seaside 306 B*

Selected Paper Session

Various policies and programs affecting fishery populations and protection are explored in this session.

**Moderator:** Alexander Saak, Kansas State University

#### **Presentations:**

*Estimating Heterogeneous Primal Capacity and Capacity Utilization Measures in a Multi-Species Fishery* - Kurt Schnier, University of Rhode Island; Ronald Felthoven, U.S. Marine Fisheries Service

*Strategic Joint Production under Common-Pool Output Quotas: The Case of Fisheries Bycatch* - Joshua Abbott and Jim Wilen, University of California at Davis

*A Spatial Model of Dolphin Avoidance in the Eastern Tropical Pacific Ocean* - Robert Hicks, College of William and Mary; Kurt Schnier, University of Rhode Island

*A Bioeconomic Analysis of Protected Area Use in Fisheries* - Jared Greenville and T. Macaulay, University of Sydney

## Natural Resource Modeling and Valuation

### [106] CONTINGENT VALUATION FORMATS AND DESIGN

*Long Beach Convention and Entertainment Center/Seaside 308 A*

Selected Paper Session

**Moderator: \*\*\***

#### **Presentations:**

*Inconsistent Responses in the Dichotomous Choice Contingent Valuation with Follow-Up Questions* - Heechan Kang and Timothy Haab, The Ohio State University

*Incentive Compatibility and Procedural Invariance Testing of the One-and-One-Half-Bound Dichotomous Choice Elicitation Method: Distinguishing Strategic Behavior from the Anchoring Heuristic* - Ian Bateman and Brett Day, University of East Anglia, Norwich; Diane Dupont, Brock University; Stavros Georgiou, Department of Food And Rural Affairs, United Kingdom

*Bias and Efficiency of the Uniform Bid Design in Contingent Valuation* - Soo-Il Kim, Korea Energy Economics Institute

*Pivotal Mechanism Design for Discrete Choice Surveys* - Chhandita Das, Christopher Anderson and Stephen Swallow, University of Rhode Island

### [107] CONTINGENT VALUATION/CHOICE MODELING

*Long Beach Convention and Entertainment Center/Seaside 308 B*

Selected Paper Session

This session explores methodological issues within applied contingent valuation studies.

**Moderator: \*\*\***

#### **Presentations:**

*The Economic Value of Air-Pollution-Related Health Risks in China* - Xiaoqi Guo and Timothy Haab, The Ohio State University; James Hammitt, Harvard University

*Systematic Influences of Policy Implementation and Conservation Agents on Willingness to Pay for Land Preservation* - Robert Johnston, University of Connecticut; Joshua Duke, University of Delaware

*Valuing Whooping Crane Reintroduction: An Empirical Application of a Contingent Valuation Model with Uncertain Respondents* - Rebecca Moore and Bill Provencher, University of Wisconsin at Madison; Patricia Champ, USDA-Forest Service; Richard Bishop, University of Wisconsin at Madison

*The Economic Analysis of Consumer Preferences in Montreal: Using the Choice Modeling Approach to Measure Consumer Willingness to Pay for Environmental Management Systems (EMS's) in Agriculture* - Matthew Straub, Agriculture and Agri-Food Canada; Paul Thomassin, McGill University

## **Policy Analysis**

### **[108] CONVERGENCE AND CONFLICT OF ETHICAL PERSPECTIVES IN ECONOMIC POLICY ANALYSIS**

*Long Beach Convention and Entertainment Center/Promenade 203 B*

Organized Symposium

Per Pinstrup-Andersen raised the issue of ethics and economic policy in his AAEA 2005 presidential address. This symposium examines how ethics shapes and informs the economic analysis of food and resources policy. Four prominent economists set the stage for discussion with their views on how economics can contribute to ethical theory and how practicing economists incorporate ethical considerations into their premises, models, predictions and recommendations. The presenters use specific case examples to highlight the degree of convergence and conflict between perspectives such as utilitarianism, libertarianism and Rawlsian justice.

**Organizers:** John Hoehn, Michigan State University; B. James Deaton, University of Guelph

**Moderator:** John Hoehn, Michigan State University

**Panelists:** Chris Barrett, Cornell University; Betsey Kuhn, USDA-Economic Research Service; Paul Thompson, Michigan State University; Calum Turvey, Cornell University

### **[109] FARM LEVEL POLICY ANALYSES**

*Renaissance/Sicilian A*

Selected Paper Session

This session's papers examine policy perspectives at the farm level on financial implications, supply response, conservation reserve program and off-farm work. Final paper examines the distributional effects of CAP instruments.

**Moderator:** Evert Van Der Sluis, South Dakota State University

#### **Presentations:**

*Distributional Effects of CAP Instruments on Farm Household Incomes in Austria* - Erwin Schmid, University of Natural Resources and Applied Life Sciences, Vienna; Franz Sinabell, Austrian Institute of Economic Research; Markus Hofreither, University of Natural Resources And Applied Life Sciences, Vienna

*Do Participation in the Conservation Reserve Program and Off-Farm Work Increase Farm Household Income but Reduce Its Variability?* - Richard Boisvert and Hung-Hao Chang, Cornell University

*Supply Response in Agriculture: Farm-Level and Sector-Wide Adjustment Reconciled* - Roman Keeney, Purdue University

*The 2007 Farm Bill: Farm-Level Financial Implications* - Jacob AcMoody, Joe Balagtas, Michael Boehlje and Allan Gray, Purdue University

### **[110] PROGRAM CROP PLANTING FLEXIBILITY AND FRUIT AND VEGETABLE MARKETS**

*Long Beach Convention and Entertainment Center/Promenade 203 A*

## Organized Symposium

Under the Farm Security and Investment Act of 2002 (Farm Bill) direct and counter-cyclical program (DCP) payments are available to eligible producers of program crops for years 2002-2007. Producers who participate face some planting restrictions. In particular, payments are forfeited if a producer harvests wild rice, fruit and vegetables on DCP base acres. This symposium examines the implications of relaxing the harvesting and planting restrictions of program crop participants on fruit and vegetable markets. The restrictions can affect fruit and vegetable markets by limiting supply and thereby helping to maintain higher fruit and vegetable prices than otherwise would be the case.

**Organizer:** Suzanne Thornsby, Michigan State University

**Moderator/Discussant:** Mechel Paggi, California State University at Fresno

### **Presentations:**

*A State at the Intersection: The Impact of Program Flexibility in a State with Program/Non-Program Crop Diversity* - Lourdes Martinez, Suzanne Thornsby and David Schweikhardt, Michigan State University

*Full Planting Flexibility: What Are the Likely Market Impacts?* - David Johnson, Barry Krissoff, Linwood Hoffman and Gary Lucier, USDA-Economic Research Service

*Farm Bill Flex Acre Provisions and Fresh Produce Production* - Paul Patterson and Timothy Richards, Arizona State University

## **Production Economics**

### **[111] SITE-SPECIFIC NUTRIENT MANAGEMENT**

*Long Beach Convention and Entertainment Center/Seaside 304*

Selected Paper Session

The site-specific optimal application of nutrient inputs may protect environmental resources and reduce the cost impacts of higher energy prices.

**Moderator:** Dayton Lambert, USDA-Economic Research Service

### **Presentations:**

*Evidence of Temporal Variation in Site-Specific Crop Response to Fertilizer Inputs* - Kikuo Oishi, Terrance Hurley and Gary Malzer, University of Minnesota

*Precision Nitrogen Fertilizer Technology with Micro Grids* - Jon Biermacher, The Samuel Roberts Noble Foundation, Inc.; Wade Brorsen, Francis Eppin, John B. Solie and William Raun, Oklahoma State University

*Crop Production Using Variable Rate Technology for P&K in the United States Midwest: Evaluation of Profitability* - Yuliya Bolotova, Purdue University

*The Role of Yield-Price Correlation in Setting Optimal N Application Rates For Corn Production* - Matthew Roberts, The Ohio State University

## **Research Methods/Econometrics/Stats**

### **[112] ISSUES IN ESTIMATION**

*Renaissance/Sicilian B*

Selected Paper Session

Several issues related to estimation methodologies are addressed. Points relevant to inference are also evaluated.

**Moderator:** Thomas Worth, USDA-Risk Management Agency

#### **Presentations:**

*A Unified Methodology for Estimating the Demand for Improved Seed at the Farm Level in Developing Agriculture* - Augustine Langyintuo, International Maize and Wheat Improvement Center; Feliciano Mazuze, Paulo Chaguala and Inesh Buque, Instituto Nacional de Investigação Agronómica

*How Much Do Starting Values Really Matter? An Empirical Comparison of Genetic Algorithm and Traditional Approaches* - Glynn Tonsor and Terry Kastens, Kansas State University

*Disproving Causal Relationships Using Observational Data* - Henry Bryant and David Bessler, Texas A&M University; Michael Haigh, U.S. Commodity Futures Trading Commission

*Estimating Excess Optimism Due to Data-Dependent Specification Search: An Application to a Tillage Choice Model* - Sanchita Sengupta, Iowa State University; Lyubov Kurkalova, Southern Illinois University; Catherine Kling, Iowa State University

## **Risk and Uncertainty**

### **[113] RISK ASSESSMENT, APPLICATIONS, AND INSURANCE**

*Renaissance/Corsican*

Selected Paper Session

**Moderator:** Thorsten Egelkraut, Oregon State University

#### **Presentations:**

*Probabilistic Models of Yield, Price and Revenue Risks for Fed Cattle Production* - Eric Belasco, Mykel Taylor and Barry K. Goodwin, North Carolina State University

*The Role of Area Yield Crop Insurance Program Face to The Mid-Term Review of Common Agricultural Policy* - Amílcar Serrão and Luís Coelho, Universidade de Évora

*Is Risk Aversion Really Correlated with Wealth? How Estimated Probabilities Introduce Spurious Correlation* - Travis Lybbert, University of California at Davis; David Just, Cornell University

*Producers' Yield and Yield Risk: Perceptions versus Reality* - Thorsten Egelkraut, Oregon State University; Bruce Sherrick, Philip Garcia and Joost Pennings, University of Illinois at Urbana-Champaign

## **Rural/Community Development**

### **[114] SPATIAL ANALYSIS OF RURAL ECONOMIC ACTIVITY**

*Long Beach Convention and Entertainment Center/Seaside 305 A*

Selected Paper Session

These papers use spatial analysis to examine various aspects of rural economic activity. The use of spatial techniques to define rural are discussed. The spatial nature of knowledge externalities, income segregation and bank profitability in rural areas is explored.

**Moderator:** Jason Henderson, Federal Reserve Bank of Kansas City

#### **Presentations:**

*A Continuous Multi-Dimensional Measure of Rurality: Moving beyond Threshold Measures* - Brigitte Waldorf, Purdue University

*The Role of Knowledge Externalities in the Spatial Distribution of Economic Growth: A Spatial Econometric Analysis for U.S. Counties, 1969–2003* - Valerien Pede and Raymond J.G.M. Florax, Purdue University; Henri de Groot, Vrije Universiteit

*Profitability and the Long-Term Survival of Community Banks: Evidence from Texas* - Ram Acharya, Albert Kagan and Timothy Richards, Arizona State University

*Natural Amenities, Income Segregation and Endogenous Community Characteristics* - Haixia Lin and JunJie Wu, Oregon State University

## **Tuesday, July 25**

### **1:30 p.m. - 3:00 p.m.**

#### **Principal Paper**

### **[115] THE ECONOMIC AND SOCIAL IMPACT OF BIG BOX RETAILERS**

*Long Beach Convention and Entertainment Center/Promenade 101 A*

#### **Track - Community Economics Network**

This session focuses on the effect of Wal-Mart on product market competition and human resource practices in food retailing, the effect of Super-centers on sales of existing local food stores and the effect of the chain on social capital and civic capacity in rural communities.

**Organizer/Moderator:** J. Fannin, Louisiana State University

**Discussant:** Tom Harris, University of Nevada at Reno

**Presentations:**

*Supermarket Human Resource Practices and Competition from Mass Merchandisers* - Elizabeth Davis, University of Minnesota; Timothy Park, University of Georgia; Brian McCall, University of Minnesota; Julia Lane, University of Chicago; Matthew Freedman, U.S. Census Bureau; Nicole Nestoriak, Bureau of Economic Analysis

*Analyzing the Impact of Wal-Mart Supercenters on Local Food Store Sales* - Georgeanne Artz, University of Missouri; Kenneth Stone, Iowa State University

*The Impact of Wal-Mart on Social Capital in U.S. Counties* - Stephan Goetz, Pennsylvania State University; Anil Rupasingha, American University of Sharjah, United Arab Emirates

**Track - Agribusiness Economics and Management**

**[116] HOT TOPIC IN AGRIBUSINESS**

*Long Beach Convention and Entertainment Center/Promenade 102 B*

Organized Symposium

This session provides a forum for discussing the hot topic of energy and agriculture. Rising energy prices resulting from rapidly growing world energy demand and political uncertainties in major oil producing regions have driven petroleum prices to record levels and real prices to a level that approaches the past high posted in 1980. This situation raises two questions: how do agribusinesses adjust to these record prices and what impact will the development of renewable fuels have on the food and agricultural industries? A panel of experts on various aspects of these issues will open the discussion. The rest of the session will be open discussion of changing conditions, implications and emerging issues.

**Organizer:** Mark Krause, Monsanto

**Track - Extension Section**

**[117] EVOLUTIONARY OR REVOLUTIONARY: CHANGING THE SOCIAL CONTRACT ON AGRICULTURAL POLICY**

*Long Beach Convention and Entertainment Center/Promenade 103 A*

Organized Symposium

The purpose of this symposium is to discuss the patterns of change for U.S. agricultural policy and how this social contract is likely to change in the next few years.

**Organizers:** Larry Sanders, Oklahoma State University; James Novak, Auburn University

**Moderator:** Larry Sanders, Oklahoma State University

**Presentations:**

*Historical Review of the Social Contract with U.S. Agriculture* - James Novak, Auburn University

*The Current Context: External and Internal Pressures for Change* - Stephanie Mercier, USDA-Economic Research Service

*Interest Groups Perspectives and Roles in Changing the Social Contract* - Terry Detrick, Oklahoma Farmers Union

*Application of Public Policy Education/Public Issue Education to Improve the National* - Larry Sanders, Oklahoma State University

## **Track - Food Safety and Nutrition/International Section**

### **[118] FOOD AID CONTROVERSIES IN AN ERA OF POLICY REFORM**

*Long Beach Convention and Entertainment Center/Promenade 201 B*

Organized Symposium

The hottest debate about food aid this year is whether donor countries should relax rules requiring that food be purchased from the donor country's farmers and transported in the donor country's ships. This debate over local purchase is just part of a broader range of issues surrounding food aid today. In this session, university scholars and practitioners with experience in international aid organizations will discuss the current controversies.

**Organizer:** Parke Wilde, Tufts University

#### **Presentations:**

*Improving Food Aid: What Donor and Operational Agency Reforms Would Yield the Highest Payoff?* - Chris Barrett, Cornell University

*A Real-World Perspective on Food Aid* - Patrick Webb, Tufts University

*The State of Food and Agriculture 2006 - Food Aid for Food Security?* - Terri Raney, Food and Agriculture Organization of the United Nations

*The WTO Negotiations and Disciplines for Food Aid* - Linda Young, Montana State University; Philip C. Abbott, Purdue University

## **Track - Institutional and Behavior Economics**

### **[119] INTERDEPENDENCIES AND CHOICES, WINNERS AND LOSERS, AND UNDERSTANDING WHY**

*Long Beach Convention and Entertainment Center/Promenade 202 A*

Organized Symposium

The symposium presenters will highlight a set of common themes. First, interdependencies within economic activities are ubiquitous and unavoidable. Second, these interdependencies parameterize choice sets, and hence, are non-trivial. Third, to understand market performance writ large or individual outcomes specifically, the process of "working things out" within the context of these interdependencies must be understood. The symposium's common themes highlight the

importance of "economics considered broadly," an intellectual perspective that should be received warmly in our profession of applied social sciences.

**Presenters:** James Sterns, University of Florida; A. Allan Schmid, Michigan State University; Deirdre McCloskey, University of Illinois at Chicago

## **Track - Senior**

### **[120] USDA RESEARCH AND EXTENSION POLICY IN RETROSPECT: IMPLICATIONS FOR THE FUTURE**

*Long Beach Convention and Entertainment Center/Promenade 103 B*

Organized Symposium

An historical perspective on USDA policy regarding research and extension will be briefly reviewed, the major issues will be identified and implications for the future will be drawn. Discussion will focus on the issues.

**Organizer/Moderator:** Ronald Knutson, Texas A&M University

**Presenter:** Kenneth Farrell, University of California at Berkeley

**Discussants:** Michael Martin, New Mexico State University; Duane Acker, TALYCOED; John Lee, Mississippi State University

#### **Presentation:**

*Wayne Rasmussen Tribute - Anne Effland, USDA-Economic Research Service*

## **Track - Teaching, Learning and Communication**

### **[121] THE CROSSOVER EXPERIENCE: TIPS FROM THE LIBERAL ARTS TRENCHES**

*Long Beach Convention and Entertainment Center/Promenade 203 C*

Organized Symposium

This session is designed to provide information for graduate students, Directors of Graduate Studies and others who are interested in learning more about the transition that some Ag Econ grads make from earning a PhD in Agricultural Economics to teaching in a liberal arts or other Economics department. The session will briefly present basic information on: (1) The Economics job market; (2) Position differences (teaching, advising, scholarship); and (3) Strategies for success and pitfalls to avoid in order to stay active within the agricultural economics profession while holding an economics position.

**Organizer:** Leah Mathews, University of North Carolina at Asheville

**Moderator:** Parker Wheatley, St. John's University

**Presenter:** Amyaz Moledina, College of Wooster

**Discussant:** Kerry Pannell, DePauw University

## **Track - AERE**

### **[122] WATER RESOURCES**

*Long Beach Convention and Entertainment Center/Promenade 202 C*

Selected Paper Session

Papers in this session consider environmental issues related to water and agricultural management.

**Organizer:** Nicholas Flores, University of Colorado at Boulder

**Moderator:** W. Douglass Shaw, Texas A&M University

**Discussants:** David McEvoy, University of Massachusetts at Amherst; Jill L. Caviglia-Harris, Salisbury University; Keith Brouhle, Grinnell College; Ariel Dinar, World Bank

#### **Presentations:**

*A Dynamic Analysis of the Diffusion of Sustainable Agricultural Practices in Rondonia, Brazil* - Jill L. Caviglia-Harris, Salisbury University; Erin Sills, North Carolina State University

*The Process and Performance of Decentralization of River Basin Resource Management: A Global Analysis* - Ariel Dinar and K Kemper, World Bank; William Blomquist, Indiana University/Purdue University at Indianapolis; Pradeep Kurukulasuriya, Yale University

*The Distribution of Welfare Effects of ITQ Management in the Presence of an Imperfectly Competitive Processing Sector* - David McEvoy, Sylvia Brandt and Nathalie Lavoie, University of Massachusetts at Amherst

*Measuring the Impact of Improving Water Availability on Rural Household Welfare in Ceará, Brazil: A Multi-Output Primal Approach* - Valerie Mueller, Alexander Pfaff, K. Broad and Renzo Taddei, Columbia University

## **Agribusiness Economics and Management**

### **[123] AGRIBUSINESS FINANCE: INVESTMENT AND FINANCING DECISIONS**

*Renaissance/Renaissance Ballroom I*

Selected Paper Session

The papers explore wide-ranging financial issues relevant to agribusiness managers. Interesting case studies highlight important concepts.

**Moderator:** Hamish Gow, University of Illinois at Urbana-Champaign

#### **Presentations:**

*The Spillover Effects of R&D Investment on the Performance of Individual Firms in the Food Manufacturing Industry* - Donghwan An and Sangjun Lee, Seoul National University

*Accruals and Free Cash Flows for Agribusiness Firms* - Richard Weldon, Lisa House and Carlos Trejo-Pech, University of Florida

*Scale As a Transaction Cost Variable in the U.S. Biopower Industry* - Ira Altman, Southern Illinois University; Thomas Johnson and Peter Klein, University of Missouri at Columbia

*An Analysis of Financing Innovation and Commercialization in Canada's Functional Food and Nutraceutical Sector* - Deepananda Herath, John Cranfield, Spencer Henson and David Sparling, University of Guelph

## **Agricultural Finance and Farm Management**

### **[124] CROP YIELDS AND INSURANCE**

*Long Beach Convention and Entertainment Center/Promenade 101 B*

Selected Paper Session

Crop yields and other factors influencing the performance of crop and revenue insurance are the focus of this session.

**Moderator:** Cole Gustafson, North Dakota State University

#### **Presentations:**

*Factors Affecting Crop Insurance Purchase Decisions in Northern Illinois* - Aslihan Spaulding and Matt Ginder, Illinois State University

*Modeling Yield Distribution in High Risk Counties: Application to Texas Upland Cotton* - Shu-Ling Chen and Mario Miranda, The Ohio State University

*Dairy Farm Revenue Insurance: Is the Application Viable?* - Joleen Hadrich, Christopher Wolf and J. Black, Michigan State University

*Spatial Consideration in Estimating Expected Crop Yields for Crop Insurance* - Enrique Hennings, Nancy Lozano and Bruce Sherrick, University of Illinois at Urbana-Champaign

## **Consumer/Household Economics**

### **[125] FOOD CONSUMPTION, DIET QUALITY AND ECONOMIC WELL-BEING OF LOW INCOME HOUSEHOLDS**

*Renaissance/Capri*

Selected Paper Session

This session presents four papers on issues relating to low-income households, such as obesity, diet quality and household well being.

**Moderator:** Ephraim Leibtag, USDA-Economic Research Service

#### **Presentations:**

*A Socio-Economic and Spatial Analysis of Obesity in Appalachia* - Anura Amarasinghe, Gerard D'Souza, Cheryl Brown and Tatiana Borisova, West Virginia University

*Food Expenditures of Low Income Households: What, When, Where?* - Amy Damon and Robert King, University of Minnesota; Ephraim Leibtag, USDA-Economic Research Service

*Food Security and the Heterogeneity of Food Expenditure Patterns in South Africa* - Lesiba Bopape, Michigan State University

## **Demand and Price Analysis**

### **[126] FRUIT AND VEGETABLE DEMANDS AND SOME EXTERNALITIES**

*Renaissance/Renaissance Ballroom II*

Selected Paper Session

Fruit, Vegetable and SUV consumption is assessed.

**Moderator:** James Eales, Purdue University

#### **Presentations:**

*Demand Elasticities for Fresh Fruit at the Retail Level* - Catherine Durham, Oregon State University; James Eales, Purdue University

*National Demand for Fresh Organic and Conventional Vegetables: Trends and Dynamics* - Feng Zhang and Chung Huang, University of Georgia; Biing-Hwan Lin, USDA-Economic Research Service; James Epperson, University of Georgia

*An Economic Analysis of Fresh Fruit and Vegetable Consumption: Implications for Overweight and Obesity for Higher and Lower-Income Consumers* - Eugene Jones, The Ohio State University

*Quantifying Consumption Externalities in the Demand for Sport Utility Vehicles* - Shanjun Li, Duke University

## **Environmental Economics**

### **[127] RESPONSE TO ENVIRONMENTAL REGULATION IN THE LIVESTOCK SECTOR**

*Long Beach Convention and Entertainment Center/Seaside 305 B*

Selected Paper Session

The papers in this session focus on the dynamics, spatial aspects and management issues related to livestock environmental regulations.

**Moderator:** Marc Ribaud, USDA-Economic Research Service

#### **Presentations:**

*On the Usefulness of the Directional Distance Function in Analyzing Environmental Policy on Manure Management* - Isabelle Piot-Lepetit, Institut National de la Recherche Agronomique

*On Environmental Stringency and BMP Adoption* - Robert Johansson, USDA-Economic Research Service; Erdal Kara, University of Wyoming; Marc Ribaud, USDA-Economic Research Service

*How Will Dairy Farmers Respond to Stricter Nitrogen Regulations? A Dynamic Analysis of Herd Adjustment, Groundwater Discharges and Air Emissions.* - Kenneth Baerenklau and Nermin Nergis, University of California at Riverside

*Environmental Regulations and Livestock Production Levels: What Is the Direction of Causality?* - Deepananda Herath, Alfons Weersink and Sunil Thrikawala, University of Guelph

## **Food and Agricultural Marketing**

[128] **LIVESTOCK AND MEAT MARKETING ISSUES: FOOD SAFETY, GRADES AND MARKET POWER**  
*Renaissance/Renaissance Ballroom III*

Selected Paper Session

Various marketing issues impact the cattle and poultry sectors. Discussions will include food safety factors and their impact on price and quantity in the marketing channels.

**Moderator:** Phillip Hamilton, Sam Houston State University

### **Presentations:**

*Grader Bias in Cattle Markets? Evidence from Iowa* - Brent Hueth, John Lawrence and Philippe Marcoul, Iowa State University

*Risk Perception and Chicken Consumption in the Avian Flu Age – A Consumer Behavior Study on Food Safety Information* - Alexandra Lobb, Mario Mazzocchi and W. Bruce Traill, University of Reading

*Testing for Market Power in Cattle Procurement Markets: A Nonparametric Approach* - Chanjin Chung and Emilio Tostao, Oklahoma State University

*The Comparison of Welfare Impacts between Price and Quantity Competition under Bilateral Oligopoly in Beef-Packing Industry* - Chanjin Chung and Debasmita Basu, Oklahoma State University

## **Food Safety and Nutrition**

[129] **NUTRIENT INTAKE AND DIET QUALITY**  
*Long Beach Convention and Entertainment Center/Seaside 302*

Selected Paper Session

The papers in this session examine the nutritional outcomes of food choices, including the determinants of diet quality, the effect of personal choices and characteristics on nutrient density and how nutrients, food prices and income affect food choices.

**Moderator:** Shelly Ver Ploeg, USDA-Economic Research Service

**Presentations:**

*Relationships between Nutrient Density, Food Prices and Income: Evidence from the 2001-2002 NHANES* - Patrick Racsca and Eileen Kennedy, Tufts University

*Determinants of Dietary Quality: Evidence from Bangladesh* - Dewan Rashid, Tango International Inc.; Lisa Smith, International Food Policy Research Institute; Tauhidur Rahman, University of Arizona

*Estimating How Dietary Patterns and Socioeconomic Characteristics Affect the Nutrient Density of the Meals We Eat* - Lisa Mancino, USDA-Economic Research Service; Andrea Carlson, USDA-Center for Nutrition Policy and Promotion

**Human Capital and Labor****[130] IMMIGRATION AND U.S. FARM LABOR MARKETS**

*Long Beach Convention and Entertainment Center/Seaside 303*

Selected Paper Session

This session discusses immigration and farm employment in the United States. The papers explore the theoretical, empirical and policy issues surrounding the immigration of farm workers.

**Moderator:** Evert Van Der Sluis, South Dakota State University

**Presentations:**

*Farm Employment Transitions: A Markov Chain Analysis with Self-Selectivity* - Nobuyuki Iwai, Robert Emerson and Lurleen Walters, University of Florida

*Consumer Boycotts and Farm Labor Welfare: A Multi-Level Market Analysis* - Jamielle Palacios, Robert Emerson and John VanSickle, University of Florida

*Immigration Reform, Job Selection and Wages in the U.S. Farm Labor Market* - Lurleen Walters, Robert Emerson and Nobuyuki Iwai, University of Florida

**Institutional and Behavioral Economics****[131] INCENTIVES IN FORMULA, COMPETITIVE GRANT AND OTHER FUNDING MECHANISM FOR EXPERIMENT STATION RESEARCH**

*Long Beach Convention and Entertainment Center/Promenade 201 A*

Organized Symposium

Much debate has surrounded external peer-reviewed competitive grant funding of public agricultural research and federal formula funding with lesser debate of other funding mechanisms like prizes. The President has proposed eliminating federal formula funding of agricultural experiment station research and many state governments are taking a critical look at what they are receiving from programmatic funding going to their local agricultural experiment station. Some new funding mechanisms, such as prizes or clubs are another funding mechanism. A re-examination and

discussion of formula, competitive grant and other funding mechanisms for discoveries is a timely topic as new national and state policies on funding of experiment station research are being proposed.

**Moderator:** Wallace Huffman, Iowa State University

**Discussant** - Arne Hallam, Iowa State University

**Presentations:**

*Getting Discovery Done* - Brian Wright, University of California at Berkeley

*Do Formula or Competitive Grant Funds Have Greater Impacts on State Agricultural Productivity?* - Wallace Huffman, Iowa State University

*Formula Funds: Analyzing the Scientist Level Effects of Easy Money* - Jeremy Foltz, University of Wisconsin at Madison

## **International Trade**

### **[132] APPLICATIONS OF GENERAL EQUILIBRIUM MODELS TO INTERNATIONAL TRADE**

*Renaissance/Sienna*

Selected Paper Session

**Moderator:** Lovell Jarvis, University of California at Davis

**Presentations:**

*Releasing Transgenic Maize in the European Union: An Ex-Ante Assessment of Trade Impacts* - Sara Scatasta, Center for European Economic Research; Justus Wesseler, Wageningen University and Research Center

*Improving General Equilibrium Modeling of EU Policies for Cereals* - Kathryn Boys and Wallace Tyner, Purdue University

*Domestic Support Policies for Agriculture and the U.S.-Ecuador Free Trade Agreement: An Applied General Equilibrium Analysis* - Carlos Ludena, Purdue University; Sara Wong, Escuela Superior Politécnica del Litoral

*Extending General Equilibrium Analysis to the Tariff Line: U.S. Dairy in the Doha Development Agenda* - Jason Grant and Thomas Hertel, Purdue University; Thomas Rutherford, Ann Arbor, Michigan

### **[133] ENERGY CROP POLICIES IN THE EU - ECONOMIC IMPACTS IN THE EU AND THE REST OF THE WORLD**

*Long Beach Convention and Entertainment Center/Promenade 102 C*

Organized Symposium

**Organizers:** Monika Hartmann, University of Bonn; Eirik Romstad, Norwegian University of Life Sciences

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

**Discussant:** Mike Popp, University of Arkansas

**Presentations:**

*Policies, Potential and Economics of Biomass for Energy in the European Union* - Jürgen Zeddies, University of Hohenheim

*Economic Impact of Biofuel Chains in France* - Jean-Claude Sourie and David Tréguer, Institut National de la Recherche Agronomique

*Economic Analysis of Energy Crop Production in the EU* - Petros Soldatos, Agricultural University of Athens

[134] **EXCHANGE RATES AND AGRICULTURAL TRADE**

*Long Beach Convention and Entertainment Center/Promenade 103 C*

Organized Symposium

The symposium examines the relationship between countries' exchange rates and their agricultural trade. Changes in exchange rates can generate major changes in countries' domestic agricultural prices, trade volumes, agricultural trade balance, and farm income with the effects depending on the degree of transmission between exchange rates and domestic prices. Specific questions the panel will address include: (1) what role do exchange rates play in determining the U.S. agricultural trade balance? (2) how and to what degree do changes in exchange rates affect U.S. agricultural exports? and (3) do depreciation and appreciation of a country's currency have an equally strong effect on domestic prices, or might there be asymmetric responses?

**Organizer/Moderator:** William Liefert, USDA-Economic Research Service

**Panelists:** William Liefert, USDA-Economic Research Service; G. Edward Schuh, University of Minnesota; Mark Gehlhar, Erik Dohlman and Mathew Shane, USDA-Economic Research Service; Terry Roe, University of Minnesota; Suresh Persaud and Carlos Arnade, USDA-Economic Research Service

**International Development**

[135] **LAW AND ECONOMIC DEVELOPMENT**

*Renaissance/Renaissance Ballroom IV*

Selected Paper Session

This session examines how legal rights and legal knowledge can influence economic behavior. One paper discusses how intellectual property rights effect innovations in and for developing countries. The other papers examine the impact of land tenure on investments and productivity, considering how knowledge of rights and village governance interact with the legal structure.

**Moderator:** Bryan Lohmar, USDA-Economic Research Service

**Presentations:**

*Land Tenure and Socio-Economic Interactions* - James Ssemambo, James Bukenya and Maribel Mojica, Alabama A&M University

*Intellectual Property Rights and Innovation in Developing Countries: Evidence from Panel Data* - Andréanne Léger, German Institute for Economic Research

*Governance As a Key Factor in Implementation of the New Chinese Land Law* - Songqing Jin and Klaus Deininger, World Bank

*Legal Knowledge and Economic Development: The Case of Land Rights in Uganda* - Klaus Deininger and Daniel Ayalew, World Bank; Takashi Yamano, Foundation for Advanced Studies on International Development

## **Industrial Organization/Supply Chain Management**

### **[136] PRIVATE LABELS AND GEOGRAPHICAL INDICATIONS**

*Long Beach Convention and Entertainment Center/Promenade 102 A*

Selected Paper Session

The papers in this session shed light on competition between national brands and private labels, and the use of geographical indicators to signal quality.

**Moderator:** Jeffrey Perloff, University of California at Berkeley

#### **Presentations:**

*Can Manufacturers of National Brands Control Retail Prices of Private Labels?* - Stephen Hamilton, California Polytechnic State University; Robert Innes, University of Arizona

*Geographic Indications and Brand Advertising in the Wine Industry* - Chengyan Yue, Stephan Marette and John Beghin, Iowa State University

*Are Geographical Indications a Worthy Quality Signal? A Framework on Protected Designation of Origin with Endogenous Quality Choice.* - Marion Desquilbet, Daniel Hassan and Sylvette Monier-Dilhan, Institut National de la Recherche Agronomique

*Spatial Competition in Private Labels* - Timothy Richards and Paul Patterson, Arizona State University; Stephen Hamilton, California Polytechnic State University

## **Natural Resource Economics**

### **[137] INVASIVE SPECIES**

*Long Beach Convention and Entertainment Center/Seaside 306 A*

Selected Paper Session

Papers in this session explore the risk, control and adoption of practices to manage invasive species.

**Moderator:** Krishna Paudel, Louisiana State University

#### **Presentations:**

*An Empirical Model of Optimal Import Phytosanitary Inspection* - Ilya Surkov, Alfons G.J.M. Oude Lansink, Wopke Van Der Werf, and Olaf Van Kooten, Wageningen University and Research Center

*Integrated Prevention and Control of Invasive Species* - Basharat Pitafi, Southern Illinois University; James Roumasset, University of Hawaii

[138] **MANAGING WATER AND SOIL**

*Long Beach Convention and Entertainment Center/Seaside 306 B*

Selected Paper Session

The connection between production methods and natural resource usage are explored. Water, energy and soil issues are all evaluated through their roles as primary agricultural inputs.

**Moderator:** \*\*\*

**Presentations:**

*Groundwater Use under Incomplete Information* - Alexander Saak and Jeffrey Peterson, Kansas State University

*Integrating Policy Instruments to Increase the Productivity of Irrigation in the Bow River Basin of Southern Alberta, Canada* - Lixia He and Theodore Horbulyk, University of Calgary

*On the Spatial Nature of the Groundwater Pumping Externality* - Nicholas Brozovic, University of Illinois at Urbana-Champaign; David Sunding and David Zilberman, University of California at Berkeley

**Natural Resource Modeling and Valuation**

[139] **HEDONIC AND ECONOMIC IMPACTS OF RESOURCE MANAGEMENT**

*Long Beach Convention and Entertainment Center/Seaside 308 A*

Selected Paper Session

**Moderator:** \*\*\*

**Presentations:**

*Out of Site Out of Mind: Quantifying the Long-Term Off-Site Economic Impacts of Land Degradation in Kenya* - Ephraim Nkonya, International Food Policy Research Institute; Patrick Gicheru, Kenya Agricultural Research Institute; Johannes Woelcke, World Bank; Barrack Okoba, Louis Gachimbi and Daniel Kilambya, Kenya Agricultural Research Institute

*A Modern Application of Hedonics for Valuing Irrigation* - Julia Beckhusen and Jeffrey Mullen, University of Georgia

*Economic Impacts of Coqui Frogs in Hawaii* - Brooks Kaiser, Gettysburg College; William Pitt, USDA-Animal and Plant Health Inspection Service; Kimberly Burnett, University of Hawaii

*Calculating Regional Economic Impacts of Recreation Using Bootstrap Technique* - Nirmala Devkota, J. Fannin, Krishna Poudel, Larry Hall and Rex Caffey, Louisiana State University

[140] **HEDONIC VALUATION OF NATURAL AMENITIES**

*Long Beach Convention and Entertainment Center/Seaside 308 B*

Selected Paper Session

The influence of urban areas, recreation, water and green/open spaces on housing values are explored in this session.

**Moderator:** \*\*\*

**Presentations:**

*Measuring the Contribution of Water and Green Space Amenities to Housing Values: An Application and Comparison of Spatially-Weighted Hedonic Models* - Seong-Hoon Cho, University of Tennessee; J. Michael Bowker, USDA-Forest Service; William M. Park, University of Tennessee

*Modeling Suburban and Rural Residential Development beyond the Urban Fringe* - David Newburn and Peter Berck, University of California at Berkeley

*Capitalization of Recreation Benefits of Open Space into Home Prices* - Kent Kovacs and Douglas Larson, University of California at Davis

*The Influence of Water Quality on the Housing Price around Lake Erie* - Shihomi Ara, Elena Irwin and Timothy Haab, The Ohio State University

**Policy Analysis**

[141] **ISSUES FOR THE 2007 FARM BILL**

*Long Beach Convention and Entertainment Center/Promenade 203 B*

Organized Symposium

This discussion presents issues relevant to the 2007 farm bill from three different perspectives. These issues are from a midwestern agriculture perspective, a southern agriculture perspective and a livestock farmer perspective. With tighter budgets a strong possibility for the next farm bill, funding for the 2007 farm bill is likely to be less than current levels. This means that different commodities or areas might be fighting for the same dollars. This discussion should show where the biggest conflicts during the drafting of the 2007 farm bill are likely to occur.

**Organizer/Moderator:** Gregory Ibendahl, Mississippi State University

**Panelists:** John Anderson, Mississippi State University; Paul Ellinger and Gary Schnitkey, University of Illinois at Urbana-Champaign; Cary Herndon, Mississippi State University

[142] **PUBLIC POLICY, POLICY MEASURES AND ECONOMIC GROWTH**

*Renaissance/Sicilian A*

Selected Paper Session

The papers in this session examine the effects of public investments in agriculture and life science in general. Remaining papers present farmer's choice on policy measures and aggregate economic growth.

**Moderator:** Brian Wright, University of California at Berkeley

**Presentations:**

*Multifunctional Policy Measures: Farmers' Choice* - Kyösti Arovuori and Jukka Kola, University of Helsinki

*Public Investment Policy in Life-Science Research* - Chenggang Wang, Oregon State University; Yin Xia, University of Missouri at Columbia; Robbin Shoemaker, USDA-Economic Research Service; Steven Buccola, Oregon State University

*The Effects of Public R&D and Infrastructure on Cost of U.S. Agriculture: A State-Level Analysis* - Alejandro Plastina and Lilyan Fulginiti, University of Nebraska at Lincoln

*Land Reforms, Poverty Reduction, and Economic Growth* - Klaus Deininger and Songqing Jin, World Bank; Hari Nagarajan, National Council for Applied Economic Research

**Production Economics**

[143] **INPUT MANAGEMENT DECISIONS**

*Long Beach Convention and Entertainment Center/Seaside 304*

Selected Paper Session

The choice of acreage allocations and production systems is influenced by consumer demands and government policies.

**Moderator:** Margriet Caswell, USDA-Economic Research Service

**Presentations:**

*Drainage Water Management Impact on Farm Profitability* - Adela Nistor and James Lowenberg-Deboer, Purdue University

*'Breathtaking or Stagnating?' - Productivity, Technical Change and Structural Dynamics in Danish Organic Farming* - Johannes Sauer, Royal Veterinary and Agricultural University, Denmark; Tim Park, University of Georgia at Athens; Jesper Graversen, Royal Veterinary and Agricultural University, Denmark

*Farm-Level Acreage Allocation under Risk* - Philippe Polome, Olivier Harmignie and Bruno Henry de Frahan, Universite Catholique de Louvain

*Transition to Organic Cropping Systems under Risk* - David Archer and Hillarius Kludze, USDA-Agricultural Research Service

[144] **THE ADOPTION OF BIOTECHNOLOGY CROPS**

*Long Beach Convention and Entertainment Center/Seaside 305 A*

Selected Paper Session

The widespread adoption of biotechnology varieties of corn and cotton has changed the cost structure of growing these crops.

**Moderator:** Jorge Fernandez-Cornejo, USDA-Economic Research Service

**Presentations:**

*Effects of Herbicide-Resistant Technology Fees on the Plant Population Decision for Cotton Production* - James Larson, Roland Roberts and Owen Gwathmey, University of Tennessee

*The Effects of Changing Technology: The Impacts of a Changing Cost Structure on Land Tenure Arrangements in the Mississippi Delta, 1994 - 2004* - William Thompson, Mississippi State University

*An Economic Analysis of Control of the Western Corn Rootworm Variant in Indiana* - Corinne Alexander, Purdue University; Thuy Van Mellor, Australian Bureau of Agricultural and Resource Economics

*The Adoption of Russian Varroa-Resistant Honey Bees* - Seon-Ae Kim, John Westra and Jeffrey Gillespie, Louisiana State University

## **Productivity Analysis**

### [145] **PRODUCTIVITY OF U.S. AGRICULTURE**

*Long Beach Convention and Entertainment Center/Promenade 202 B*

Selected Paper Session

Studies of aggregate productivity for the sector as a whole and various subsectors. Important contribution to the construction of the capital aggregate series for U.S. agriculture.

**Moderator:** Catherine Morrison Paul, University of California at Davis

**Presentations:**

*Scale Efficiency and Structure in U.S. Dairy Production* - Roberto Mosheim, USDA-Economic Research Service; Knox Lovell, University of Georgia

*Decomposition of Total Factor Productivity Change in the U.S. Hog Industry, 1992-2004* - Nigel Key, William McBride and Roberto Mosheim, USDA-Economic Research Service

*Production Structure, Technological Change and Scale Economies in the Saw and Planing Mills Industry, New Brunswick, Canada* - Yigezu Yigezu and Kenneth Foster, Purdue University; Van Lantz, University of New Brunswick

*Asset Utilization and Bias in Measures of U.S. Agricultural Productivity* - Matt Andersen, University of Minnesota; Julian Alston, University of California at Davis

## **Resource and Environmental Policy Analysis**

### [146] **WELFARE ISSUES IN ENVIRONMENTAL POLICY**

*Renaissance/Sicilian B*

## Selected Paper Session

This group of papers presents quantitative models to analyze welfare issues and consumer/producer behavior arising in several areas of environmental policy.

**Moderator:** \*\*\*

### **Presentations:**

*A Case of Missing a Market: An Evaluation of the Virginia's Nutrient Trading Program* - Kurt Stephenson and Stephen Aultman, Virginia Polytechnic Institute and State University; Leonard Shabman, Resources for the Future

*Empirical Calibration of a Least-Cost Conservation Reserve Program* - Glenn Sheriff, Columbia University

*How Do Voluntary Pollution Reduction Programs (VPRs) Work? An Empirical Study of Links Between VPRs, Environmental Management and Environmental Performance* - Abdoul Sam, The Ohio State University; Robert Innes, University of Arizona; Madhu Khanna, University of Illinois at Urbana-Champaign

## **Risk and Uncertainty**

### [147] **MARKETS, GROUPS, AND RISK**

*Renaissance/Corsican*

## Selected Paper Session

Papers examining risk markets and group decision making.

**Moderator:** Keith Coble, Mississippi State University

### **Presentations:**

*What Happens When Peter Can't Pay Paul: Risk Management at Futures Exchanges' Clearinghouses* - Wei Shi and Scott Irwin, University of Illinois at Urbana-Champaign

*Optimal Hedging Strategies for Early-Planted Soybeans in the South* - James Sayle, John Anderson and Steven Martin, Mississippi State University

*Risk Aversion, Prudence and the Three-Moment Decision Model for Hedging* - Xiaomei Chen, Holly Wang and Ron Mittelhammer, Washington State University

*How Do Groups Make Risky Decisions?* - Michael Brady, Brian Roe and Steve Wu, The Ohio State University

# **Tuesday, July 25**

## **3:30 p.m. - 5:00 p.m.**

## Principal Paper

### [148] CO-EXISTENCE OF GM AND NON-GM CROPS: RELEVANCE AND IMPLICATIONS

*Long Beach Convention and Entertainment Center/Promenade 101 A*

#### Policy Analysis

Co-existence of different production systems, in particular GM and non-GM crops, has become an important issue within U.S. agriculture in the context of pharmaceutical crops, within the European Union in the context of GM crops, and among developing countries in the context of biosafety and biodiversity. The important question from an economic perspective is under what conditions it is technically and economically feasible for various production systems to co-exist. While some initial efforts by agricultural economists to analyze the issue have been made, still little is known about how rules and regulations affect the economics of co-existence, how benefits and costs are distributed along the supply chain and what are the implications of co-existence rules and regulations for developing countries. This principal paper session addresses this knowledge gap by looking at the co-existence issue from the U.S., European and developing countries perspective.

**Organizer:** Justus Wesseler, Wageningen University and Research Center

**Moderator:** Nicholas Kalaitzandonakes, University of Missouri at Columbia

**Discussant:** Robert Evenson, Yale University

#### **Presentations:**

*Pharmaceuticals and Industrial Traits in Genetically Modified Crops: Will Co-Existence with Conventional Agriculture Be Possible?* - Giancarlo Moschini, Iowa State University

*Co-Existence Rules and Regulations in the European Union: Implications for Adoption and Regional Agglomeration* - Volker Beckmann, Humboldt University; Claudio Soregaroli, Università Cattolica del Sacro Cuore; Justus Wesseler, Wageningen University and Research Center

*GM Biotechnologies, Coexistence, STIP and Liability: Implications for Developing Countries* - Jose Falck, International Food Policy Research Institute

## Track - Agribusiness Economics and Management

### [149] IMPACT OF DISASTER EVENTS ON THE U.S. GRAIN AND OILSEED SECTOR: THE CASE OF HURRICANE KATRINA

*Long Beach Convention and Entertainment Center/Promenade 102 B*

#### Organized Symposium

The purpose of this symposium is to provide discussion of issues raised by the impact of Hurricane Katrina on the U.S. Grain and Oilseed sector. Examined are policy issues related to the disruption of the transportation infrastructure, whether by natural events, or by deliberate terror attacks, on the locks and dams along the Mississippi or on the levees of New Orleans. A second issue of interest is to measure the economic impact on the grain and oilseed sector via the

prices producers receive for their crops, and producer incomes. A crosscutting theme of this symposium will be the adequacy of current policies to deal with the risk of disruptions to the transportation infrastructure.

**Moderator:** Corinne Alexander, Purdue University

**Discussants:** Albert Allen, Mississippi State University; Wayne Gauthier, Louisiana State University

**Presenters:** Andrew McKenzie and Michael Thomsen, University of Arkansas; Dennis Conley, University of Nebraska at Lincoln; Angel Lara, Purdue University; Jerry Fruin, University of Minnesota

**Presentation:**

*Event Studies of Impact of Katrina on Corn and Soybean Cash and Futures Prices* - Corinne Alexander, Purdue University; Andrew McKenzie, University of Arkansas

**Track - Community Economics Network/Institutional and Behavior Economics**

**[150] TRICKLING DOWN: DOES LOCAL ECONOMIC GROWTH REDUCE POVERTY?**

*Long Beach Convention and Entertainment Center/Promenade 102 C*

Organized Symposium

Forty years ago in a *Quarterly Journal of Economics* article, W. Locke Anderson concluded that for some families (including farm families and families headed by a woman) aggregate income growth “simply does not trickle down directly enough to be counted upon to reduce poverty”. Recent studies have concluded that under certain conditions, there may be trickle down effects, though they may be stronger in urban areas. In this symposium, three economists will report how different research strategies and data indicate different conclusions about both the effectiveness of growth in poverty reduction and the best policy strategy for reducing poverty.

**Organizer/Moderator:** Bruce Weber, Oregon State University

**Presentations:**

*Economic Growth Reduces Poverty in High-Poverty Areas of the Rural U.S. but Is Less Effective in Rural Canada* - Mark Partridge, University of Saskatchewan

*The Effectiveness of Job Growth in Reducing Poverty Depends on Commuting Patterns and Location* - Elizabeth Davis, University of Minnesota

*Whether Export-Base Growth Strategies Are Immiserizing* - Maureen Kilkenny, Iowa State University

**Track - Extension Section**

**[151] RESEARCH AND EXTENSION RESPONSES TO FARM AND RURAL BUSINESS TRANSITION/SUCCESSION PLANNING NEEDS**

*Long Beach Convention and Entertainment Center/Promenade 103 A*

Organized Symposium

This session will highlight successful responses to applied research and extension needs in rural America regarding business transition or succession planning. Participants and attendees will gain ideas, tools and background knowledge that will help address the growing need for transition planning education and assistance for rural businesses.

**Organizer/Moderator:** Rodney Jones, Kansas State University

**Presentations:**

*Integrating Economics, Management and Human Relationship Issues to Facilitate Successful Family Business Transitions* - Rodney Jones, Kansas State University

*Returning to the Farm* - Dave Goeller, University of Nebraska at Lincoln

*Retirement Planning – Providing Financial Security for Farmers in Transition* - Donald Breece, The Ohio State University

*The Role of Estate and Financial Planning in Farm Transition* - Jesse Richardson and Alex White, Virginia Polytechnic Institute and State University

**Track - Food Safety and Nutrition**

[152] **UNDERSTANDING OBESITY: CAUSES AND CONSEQUENCES**

*Long Beach Convention and Entertainment Center/Promenade 201 B*

Selected Paper Session

Obesity is an increasingly important public health problem around the world. Papers in this session focus on the factors leading to obesity and the resulting economic consequences.

**Moderator:** Stephen Crutchfield, USDA-Economic Research Service

**Presentations:**

*Economic Growth, Lifestyle Changes and the Coexistence of Under and Overweight in China: A Semiparametric Approach* - Satoru Shimokawa and Per Pinstrup-Andersen, Cornell University

*Food Insecurity, Food Storage and Obesity* - Sean Cash, University of Alberta; David Zilberman, University of California at Berkeley

*Estimating the Impact of Medication on Diabetics' Diet and Lifestyle Choices* - Fred Kuchler and Lisa Mancino, USDA-Economic Research Service

**Track - International Section**

[153] **FOOD SYSTEMS, RURAL DEVELOPMENT AND HEALTH: AN INTERNATIONAL PERSPECTIVE**

*Long Beach Convention and Entertainment Center/Promenade 202 B*

Organized Symposium

With health care costs comprising a significant and increasing share of national expenditures throughout the world, it is of great interest to examine the linkage between health outcomes and countries' agricultural, rural development, and food systems characteristics, considering both developed and developing countries. Of particular concern, the prevalence of overweight and obesity has risen to an alarming level in high-income countries while malnutrition has remained a major public health concern in low-income countries. The papers in this session intend to address issues related to evaluating effects of aging society, land use, obesity, and food assistance programs on health outcomes and/or agriculture. Presentations of the studies and following discussions will help agricultural economists and policy-makers better understand these issues.

**Organizers:** Wallace Huffman, Iowa State University; Zhuo Chen, University of Chicago

**Presentations:**

*Gender Differential in Interactions between Sprawl, Bodyweight and Exercise in the U.S.* - Steven Yen and Seong-Hoon Cho, University of Tennessee; Zhuo Chen, University of Chicago

*The Economics of Obesity-Related Mortality among High Income Countries* - Wallace Huffman and Sonya Huffman, Iowa State University; Ababayehu Tegene, USDA-Economic Research Service; Kyrre Rickertsen, Agricultural University of Norway

*Does Public Assistance Contribute to Adult Obesity?* - Jay Zagorsky, The Ohio State University; Patricia Smith, University of Michigan

**Track - AERE**

[154] **UNDERSTANDING ENVIRONMENTAL PREFERENCES**

*Long Beach Convention and Entertainment Center/Promenade 202 C*

Selected Paper Session

Papers in this session consider theoretical and practical issues related to preferences for environmental goods and services.

**Organizer:** Nicholas Flores, University of Colorado at Boulder

**Moderator:** Daniel Lew, National Marine Fisheries Service

**Discussants:** David Kingsley, University of Colorado; Luis C. Nunes, Universidade Nova de Lisboa; W. Douglass Shaw, Texas A&M University; Christian Vossler, University of Tennessee

**Presentations:**

*Testing Rationality in Mixed Demand Systems: Contingent Valuation and Travel Cost Data* - Maria A. Cunha-e-Sa, Maria Ducla-Soares and Luis C. Nunes, Universidade Nova de Lisboa, Portugal

*Hybrid Allocation Mechanisms for Rationed Goods* - Mary Evans, University of Tennessee; Nicholas Flores, University of Colorado at Boulder; Christian Vossler, University of Tennessee

*Preference Uncertainty, Preference Learning and Paired Comparison Experiments* - David Kingsley, University of Colorado

*Perceived Mortality Risks: An Experiment with an Auction for a New Food Product* - W. Douglass Shaw, Rodolfo Nayga and Andres Silva, Texas A&M University

## **Agribusiness Economics and Management**

### **[155] TOPICS IN AGRIBUSINESS MANAGEMENT**

*Renaissance/Renaissance Ballroom I*

Selected Paper Session

Using a variety of empirical methods, the authors address contemporary issues in agribusiness management.

**Moderator:** Jennifer Keeling-Bond, Colorado State University

#### **Presentations:**

*Market Structure Conduct Performance (SCP) Hypothesis Revisited Using Stochastic Frontier Efficiency Analysis* - Seanicaa Edwards, Albert Allen and Saleem Shaik, Mississippi State University

*Impact of U.S. Sugar Policy and the North American Free Trade Agreement* - Jeremy Pruitt and Daniel Tilley, Oklahoma State University

*Growth Expectations and Decision to Renovate a Golf Course: An Application of a Censored Model with the Simultaneity Test* - Wojciech Florkowski, University of Georgia; Abdulkaki Bilgic, Harran University

*Fostering Growth of the Rural Non-Farm Sector in Africa: The Case of Tanzania* - Songqing Jin and Klaus Deininger, World Bank; Reka Sundaram-Stukel, University of Wisconsin at Madison

## **Agricultural Finance and Farm Management**

### **[156] MANAGEMENT AND TECHNOLOGY**

*Long Beach Convention and Entertainment Center/Promenade 101 B*

Selected Paper Session

The investment in energy and irrigation technology is examined in this session.

**Moderator:** Damona Doye, Oklahoma State University

#### **Presentations:**

*Another Plant?!...The Rapid Expansion in the Ethanol Industry and Its Effect All the Way Down to the Farm Gate* - Joshua Roe, Robert Jolly and Robert Wisner, Iowa State University

*Irrigation Technology Adoption in the Texas High Plains: A Real Options Approach* - Sangtaek Seo and Eduardo Segarra, Texas Tech University; Paul Mitchell, University of Wisconsin at Madison; David Leatham, Texas A&M University

*Factors Influencing Direct and Indirect Energy Use in U.S. Corn Production* - Wesley Musser, University of Maryland at College Park; Dayton Lambert and Stan Daberkow, USDA-Economic Research Service

## **Consumer/Household Economics**

### **[157] WHAT DO I WANT TO EAT TODAY? DEMAND FOR SPECIFIC FOODS OR ATTRIBUTES**

*Renaissance/Capri*

Selected Paper Session

Food choices depend not just on prices and income, but also on the characteristics of the foods themselves. The papers in this session explore the demand for specific foods and foods with specific attributes.

**Moderator:** Hayden Stewart, USDA-Economic Research Service

#### **Presentations:**

*Growing Demand for Animal-Protein-Source Products in Indonesia* - Jacinto Fabiosa, Iowa State University

*WTP and WTA for Non-GM and GM Food: UK Consumers* - Wanki Moon and Siva Balasubramanian, Southern Illinois University; Arindra Rimal, Missouri State University

*Investigating Coupon Effects on Household Interpurchase Behavior for Cheese* - Diansheng Dong and Harry Kaiser, Cornell University

## **Demand and Price Analysis**

### **[158] FOOD SAFETY**

*Renaissance/Renaissance Ballroom II*

Selected Paper Session

Food safety, broadly defined, is analyzed.

**Moderator:** Fengxia Dong, Iowa State University

#### **Presentations:**

*Effects of Food Safety Information on Meat Demand: A Comparison of the United States and Canada* - Fengxia Dong and Helen Jensen, Iowa State University

*Estimating the Market Demand for Value-Added Beef: Testing for BSE Announcement Effects Using a Nested PIGLOG Model Approach* - Steven Vickner and Deevon Bailey, Utah State University; Al Dustin, Bridgerland Applied Technology College

*A Panel Data Study of the Effects of Trans Fatty Acid Labeling Effects on Market Demand across Metropolitan Areas* - Rutherford Johnson, University of Kentucky; Steven Vickner, Utah State University; Angelos Pagoulatos, David Debertin and Ronald Fleming, University of Kentucky

*Food Safety and Time-Nonseparable Preferences in U.S. Meat Consumption* - Chen Zhen and Michael Wohlgenant, North Carolina State University

## **Emerging Technologies**

### **[159] HARVESTING THE WIND AND OTHER ON-FARM RENEWABLE ENERGY SOURCES – PROFITABILITY, POLICIES AND PITFALLS**

*Long Beach Convention and Entertainment Center/Promenade 201 A*

Organized Symposium

Rural landowners and rural communities are in prime positions to benefit from the increased interest in renewable energy, either from rental payments from renewable energy developers, from revenues generated from owning large projects themselves, or by installing small projects to generate power for their farms and businesses. Many policies at the state and federal levels support investment in wind and other renewable sources of energy. This session will explore various policy scenarios and ownership options for wind energy and other renewables, and their impacts on rural areas.

**Organizer:** Lynn Hamilton, California Polytechnic State University

#### **Presentations:**

*A Windfall For Farmers? Ownership Options and Economics of Large Wind Turbines* - Stephen Harsh, Michigan State University

*Energy Policy As Farm Policy – A Comparison of Policy Instruments to Encourage On-Farm Renewable Energy* - Lynn Hamilton, California Polytechnic State University

*Methane Digesters As a Renewable Energy Source* - William Lazarus, University of Minnesota

*Economic Analysis: Co-Generation Using Wind and Biodiesel-Powered Generators* - Douglas Tiffany, University of Minnesota

### **[160] INNOVATIONS AND IPR'S**

*Long Beach Convention and Entertainment Center/Seaside 303*

Selected Paper Session

Papers offer analysis of product and process innovation in an imperfectly competitive environment.

**Moderator:** Satheesh Aradhyula, University of Arizona

#### **Presentations:**

*Is It Feasible to Provide Genetically Modified Crops to Small Farmers on Preferential Terms? : An Ex Ante Analysis of Bt Eggplant in India* - Deepthi Kolady and William Lesser, Cornell University

*The Effect of Cooperatives on Product Innovation in the Agri-Food System* - Kyriakos Drivas and Konstantinos Giannakas, University of Nebraska at Lincoln

*Intellectual Property Rights, Genetic Use Restriction Technologies (GURTs), and Strategic Behavior* - Guanming Shi, University of Wisconsin at Madison

*Endogenous Spillovers and Social Welfare in a Mixed Duopoly R&D Race* - Anwar Naseem, McGill University

## **Environmental Economics**

### **[161] ENVIRONMENTAL REGULATION**

*Long Beach Convention and Entertainment Center/Seaside 305 B*

Selected Paper Session

This session explores various incentive, enforcement and compliance issues related to environmental regulation.

**Moderator:** Nigel Griswold, Michigan State University

#### **Presentations:**

*The Pollution Haven Hypothesis: Significance and Insignificance* - Ryan Kellogg, University of California at Berkeley

*Do Voluntary Pollution Reduction Programs (VPRs) Spur Innovation in Environmental Technology?* - Carmen Carrion-Flores and Robert Innes, University of Arizona; Abdoul Sam, The Ohio State University

*Enforcing "Self-Enforcing" International Environmental Agreements* - David McEvoy, University of Massachusetts at Amherst

## **Food and Agricultural Marketing**

### **[162] COMMODITY MARKETING PROGRAMS**

*Renaissance/Renaissance Ballroom III*

Selected Paper Session

Papers look at various government and voluntary programs to discover changes in market behavior.

**Moderator:** Jill McCluskey, Washington State University

#### **Presentations:**

*Option Assurance in Voluntary Checkoff Programs* - Kent Messer, Harry Kaiser and Greg Poe, Cornell University

*Missing Credit Markets and Commodity Marketing Behavior* - Emma Stephens and Chris Barrett, Cornell University

*A New Framework for Evaluating Commodity Promotion Programs: What Can We Learn from Disaggregate Data?* - Hoy Carman, Lan Li and Richard Sexton, University of California at Davis

*Certification versus Standards: Substitutes or Complements?* - Stephan Marette, Institut National de la Recherche Agronomique; Jinhua Zhao, Iowa State University

## **Food Safety and Nutrition**

### **[163] ISSUES IN THE ECONOMICS OF FOOD SAFETY**

*Long Beach Convention and Entertainment Center/Seaside 302*

Selected Paper Session

Papers in this session explore a variety of topics on the economics of ensuring a safe food supply.

**Moderator:** Neal Hooker, The Ohio State University

**Presentations:**

*Comparison of Food Safety Risk under Two Different Standards* - Bo-Hyun Cho, Centers for Disease Control and Prevention; Neal Hooker, The Ohio State University

*The State-by-State Effects of Mad Cow Disease Using a New MRIO Model* - JiYoung Park, University of Southern California; Changkeun Park, Seoul National University; Sangjeong Nam, University of Illinois at Urbana-Champaign

*Traceability, Liability and Incentives for Food Safety and Quality* - Sébastien Pouliot and Daniel A. Sumner, University of California at Davis

## **Human Capital and Labor**

### **[164] ACADEMIC EMPLOYMENT AND RETURNS TO EDUCATION**

*Long Beach Convention and Entertainment Center/Promenade 202 A*

Selected Paper Session

This session explores the determinants of academic employment and the returns to education. Papers discuss the determinants of academic employment and research productivity in agricultural economics. Other papers discuss the earnings impacts on education.

**Moderator:** Wendy Stock, Montana State University

**Presentations:**

*How to Get a Job: The Determinants of Academic Employment in Agricultural Economics* - Dustin Pendell and Glynn Tonsor, Kansas State University

*Africa's Education Enigma: The Nigerian Story* - Ruth Uwaifo, University of California at Berkeley

*The Earnings Impact of Historically Black Colleges' and Universities' Attendance* - Elton Mykerezi and Bradford Mills, Virginia Polytechnic Institute and State University

*Women Helping Women, Men Helping Men? Same-Gender Mentoring, Initial Job Placements and Early Career Research Productivity for Agricultural Economics Ph.D.'s* - Tia Hilmer and Michael Hilmer, San Diego State University

## **International Trade**

### **[165] GMO AND RELATED INTERNATIONAL TRADE STUDIES**

*Renaissance/Sienna*

Selected Paper Session

**Moderator:** Eric Wailes, University of Arkansas

**Presentations:**

*Estimated Contribution of Four Biotechnologies to New Zealand Agriculture* - William Kaye-Blake and C. Saunders, Lincoln University

*Productivity Before and After Exports: The Case of Korean Food Processing Firms* - Munisamy Gopinath, Oregon State University; Hanho Kim, Seoul National University; Sooil Kim, Oregon State University

*An Economic Analysis of Domestic and International Trade-Related Regulations of Genetically Modified Food in India and Bangladesh* - Guillaume Gruere, International Food Policy Research Institute

*Empirically Analyzing the Impacts of U.S. Export Credit Programs on U.S. Agricultural Export Competitiveness* - Kranti Mulik, Paul Rienstra-Munnicha and Won Koo, North Dakota State University

[166] **IMPACT OF TRADE BARRIERS**

*Renaissance/San Marco*

Selected Paper Session

**Moderator:** William Amponsah, North Carolina A&T State University

**Presentations:**

*U.S. Imports of Intermediary Dairy Products under Alternative Tariff Reduction Schemes: A Milk Component Analysis* - Kenneth Bailey, Isin Tellioglu and David Blandford, Pennsylvania State University

*MFA Quotas Elimination: The Case of Cotton Yarn in Greece - A Multimarket vs. a Single Market Approach* - Dimitrios Dadakas and Stelios Katranidis, University of Macedonia

*The Relative Importance of Global Agricultural Subsidies and Market Access* - Kym Anderson, Will Martin and Ernesto Valenzuela, World Bank

*An Economy-Wide Analysis of Impacts of WTO Tiered Formula for Tariff Reduction* - Shih-Hsun Hsu and Ching-Cheng Chang, Academia Sinica; Shu-Yuan Li, National Taiwan University; Yi-Chieh Chen, Chun-Hwa Institute of Economic Research

[167] **THE IMPLICATIONS OF THE MULTILATERAL TRADE NEGOTIATIONS AND WORLD TRADE ORGANIZATION RULINGS ON U.S. AGRICULTURAL POLICY**

*Long Beach Convention and Entertainment Center/Promenade 103 B*

Organized Symposium

Most nations continue the multilateral-trade negotiation process through the Doha Development Agenda of the World Trade Organization. In addition to the focus on market access for agricultural products, much has been made of the potential impacts of the WTO on domestic agricultural support. In the United States, the current WTO negotiating round, coupled with uncertainty surrounding the challenge to the U.S. cotton program brought by Brazil, has the

potential to impact U.S. domestic agricultural policy. The current status of the negotiations, their potential impacts on U.S. farm policy, and possible changes to U.S. policy as a result of the cotton case will be presented in this symposium. Implications for applied research and extension education will be highlighted, examined and discussed.

**Moderator:** Mary Marchant, University of Kentucky

**Discussant:** P. Lynn Kennedy, Louisiana State University

**Panelists:** Parr Rosson, Texas A&M University; Larry Sanders, Oklahoma State University; Won Koo, North Dakota State University; Samarendu Mohanty and Jaime Malaga, Texas Tech University

## **International Development**

### **[168] ADOPTION OF PRODUCTIVITY INCREASING TECHNOLOGY: THEORY AND PRACTICE**

*Renaissance/Renaissance Ballroom IV*

Selected Paper Session

Economics was once called the dismal science for its pessimistic view of society's ability to keep pace with population growth. More recently, the perspective has been rosier. The first paper in this section empirically tests which view better fits the evidence in Burkina Faso. The other two papers examine the adoption of productivity-enhancing technologies in Uganda and Malawi.

**Moderator:** T.J. Wyatt, U.S. Environmental Protection Agency

#### **Presentations:**

*Population Growth and Agricultural Productivity: Boserup vs. Malthus in Burkina Faso* - Harounan Kazianga, Yale University

*Alternative Soil Fertility Management Options in Malawi - An Economic Analysis* - Johannes Sauer, Royal Veterinary and Agricultural University, Denmark; Hardwick Tchale, University of Malawi

*A Limited Dependent Variable Analysis of Integrated Pest Management Adoption in Uganda* - Jackline Bonabana-Wabbi and Daniel B. Taylor, Virginia Polytechnic Institute and State University; Valentine Kasenge, Makerere University

### **[169] GLOBAL MARKETS AND THE DEVELOPING ECONOMY**

*Renaissance/Renaissance Ballroom V*

Selected Paper Session

Does globalization offer opportunities for developing country agriculture or only a downward spiral? These papers examine the impact of increased access to an international market with high standards and a penchant for vertical integration.

**Moderator:** Travis Lybbert, University of California at Davis

#### **Presentations:**

*Measuring the Impact of Globalization on the Well-Being of the Poor: Methodology and an Application to Africa* - Tauhidur Rahman, University of Arizona; Ron Mittelhammer, Washington State University

*Can Cocoa Farmer Organizations Countervail Buyer Market Power?* - Michael Wilcox and Philip Abbott, Purdue University

*High Value Global Supply Chains, EU Food Standards and Small Farmers in Developing Countries: A Case-Study from the Horticulture Sector in Senegal* - Miet Maertens, University of Leuven

*High Value Products or Staple Crops? A Discussion on Development Strategies for Southern Africa* - Alejandro Nin Pratt, Consultative Group on International Agricultural Research

## **Industrial Organization/Supply Chain Management**

### **[170] MIXED MARKETS**

*Long Beach Convention and Entertainment Center/Promenade 102 A*

Selected Paper Session

The papers in this session address issues of customer allegiance, market power and product quality in markets in which IOF's co-exist with cooperatives.

**Moderator:** Richard Sexton, University of California at Davis

#### **Presentations:**

*Cognitive Dissonance and Customer Allegiance in a Mixed Oligopoly* - Lampros Lamprinakos and Murray Fulton, University of Saskatchewan

*Product Quality and the Relative Disadvantage of Cooperatives* - Dieter Pennerstorfer and Christoph Weiss, Vienna University of Economics and Business Administration

*Oligopsony Power and Spatial Competition in Mixed Food Processing Markets* - Christoph Tribl, Federal Institute of Agricultural Economics, Austria; Klaus Salhofer, Technical University of Munich

## **Natural Resource Economics**

### **[171] ALTERNATIVE USES FOR FARMLAND: ENERGY, CARBON AND CONSERVATION**

*Long Beach Convention and Entertainment Center/Seaside 306 B*

Selected Paper Session

The papers in this session explore emerging issues related to farmland use, including energy production, conservation adoption and carbon sequestration.

**Moderator:** \*\*\*

#### **Presentations:**

*The Relationship between Economically and Environmentally Marginal Land* - John Deal, Manchester College

*Farmer Willingness to Grow Switchgrass for Energy Production* - Kim Jensen, Christopher Clark, Pamela Eillis, Burton English, Jamey Menard and Marie Walsh, University of Tennessee

*Market Penetration of Biomass Fuels for Electricity Generation* - Thein Maung and Bruce McCarl, Texas A&M University

*Schools of Fishermen: The Role of Information Sharing in Spatial Search* - John Lynham, University of California at Santa Barbara

## [172] LAND RETIREMENT AND THE CONSERVATION RESERVE PROGRAM

*Long Beach Convention and Entertainment Center/Seaside 306 A*

Selected Paper Session

The papers in this session explore a variety of factors related to the design of, and participation in, agricultural land retirement programs.

**Moderator:** Jordan Suter, Cornell University

### **Presentations:**

*Modeling Conservation Program Impacts: Accounting for Participation Using Bootstrapping* - Daniel Hellerstein, USDA-Economic Research Service

*The Optimal Contract Length for Agricultural Land Retirement Programs* - Amy Ando and Xiaoxuan Chen, University of Illinois at Urbana-Champaign

*Estimating the Effect of the Chesapeake Bay Program on Farm Conservation Program Participation Rates* - Christopher Wright, Michigan State University

*Economic Impacts of the Conservation Reserve Program: A General Equilibrium Framework* - Farzad Taheripour, University of Illinois at Urbana-Champaign

## **Natural Resource Modeling and Valuation**

## [173] SUSTAINABILITY AND WILDFIRE MANAGEMENT OF FORESTS

*Long Beach Convention and Entertainment Center/Seaside 308 A*

Selected Paper Session

This session explores methodological issues of examining ecosystem issues in agriculture and forests, including papers that examine incentives and management practices related to wildfires.

**Moderator:** \*\*\*

### **Presentations:**

*Predicting Prescribed Burn Escapes and Property Damage with Linked Count Data and Double-Hurdle Models* - Paul Mitchell, University of Wisconsin at Madison

*Incentives for Ex Ante Wildfire Risk Mitigation in the Wildland-Urban Interface: The Relationship between Contingent Wildfire Insurance and Fuel Management Subsidies* - Mariam Lankoande, Washington State Department of Natural Resources; Jonathan Yoder and Philip Wandschneider, Washington State University

*Multi-Sector Sustainability in Agroecosystem Environments: Using Value Function Iteration for Numerical Solutions* - Craig Bond, Colorado State University

## **Policy Analysis**

[174] **INCIDENCE OF 2007 FARM BILL ALTERNATIVES**  
*Long Beach Convention and Entertainment Center/Seaside 308 B*

Organized Symposium

**Organizer:** Joe Balagtas and Allan Gray, Purdue University

**Moderator:** Allan Gray, Purdue University

**Discussant:** Joe Balagtas, Purdue University

**Panelists:** Bruce Gardner, University of Maryland; Bruce Babcock, Iowa State University; David Orden, International Food Policy Research Institute; Daniel Sumner, University of California at Davis

[175] **POTPOURRI OF POLICY ANALYSES**  
*Renaissance/Sicilian A*

Selected Paper Session

The papers in this session examine the importance of sustainable farming systems and regulatory cost on Californian Agriculture. Importance of local public services and agricultural sequestrations is examined.

**Moderator:** Erik Dohlman, USDA-Economic Research Service

### **Presentations:**

*An Estimation of the Regulatory Cost on California Agricultural Producers* - Sean Hurley and Jay Noel, California Polytechnic State University

*County-Level Determinants of Local Public Services in West Virginia: A Multivariate Spatial Autoregressive Model Approach* - Gebremeskel Gebremariam and Tesfa Gebremedhin, West Virginia University

*A Dynamic Analysis of Sustainable Farming Systems in Californian Agriculture* - Richard Howitt, Santhi Wicks and Karen Klonsky, University of California at Davis

*Carbon Trading and Non-Permanency of Agricultural Sequestration: Institutional Design and the Choice of Working Rules* - Paul Thomassin, McGill University

## Political Economy

### [176] THE POLITICAL ECONOMY OF AGRICULTURAL RESEARCH FUNDING

*Long Beach Convention and Entertainment Center/Promenade 103 C*

Organized Symposium

**Organizer/Moderator:** Katherine Smith, USDA-Economic Research Service

**Panelists:** Howard Silver, Consortium of Social Science Associations; Rob Hedberg, USDA-Cooperative State Research, Education and Extension Service; Steve Turner, Mississippi State University

## Production Economics

### [177] FOCUS ON ARMS (AGRICULTURAL RESOURCE MANAGEMENT SURVEY)

*Long Beach Convention and Entertainment Center/Promenade 203 B*

Organized Symposium

ARMS is USDA's primary instrument for data collection on a range of issues related to crop and livestock production, resource use, costs and returns and farm financial condition. ARMS data is used to support ERS's research and is used by research institutions. There is growing interest among non-USDA researchers in direct access to the results of ARMS surveys. ERS must be aware of the needs of the research community and must balance their needs with the constraints inherent in modern government. Extensive improvements have been made to facilitate ARMS accessibility and this will be the first presentation of these improvements. The effect of these improvements and other needs of the research community are under discussion.

**Presenter:** Tim Payne, USDA-Economic Research Service

### [178] MEASURING EFFICIENCY

*Long Beach Convention and Entertainment Center/Seaside 304*

Selected Paper Session

These papers tackle issues in the estimation of production functions and the measurement of efficiency, scale economies and economies of scope.

**Moderator:** Ruben Lubowski, USDA-Economic Research Service

#### **Presentations:**

*Estimating Economies of Scope Using Profit Function: A Dual Approach of the Normalized Quadratic Profit Function* - Zhifeng Gao and Allen Featherstone, Kansas State University

*Estimating Disaggregate Farm Production Functions: An Application to Northern Mexico* - Richard Howitt, University of California at Davis; Siwa Msangi, International Food Policy Research Institute

*Scale Measures within the Context of Dynamic Adjustment and External Economies* - Yir-Hueih Luh, National Tsing Hua University

## **Resource and Environmental Policy Analysis**

### **[179] DYNAMIC ANALYSIS OF NATURAL RESOURCES PROBLEMS: PESTS AND FISHERIES**

*Renaissance/Sicilian B*

Selected Paper Session

Papers in this session utilize dynamic modeling techniques to analyze pest management problems and fisheries management.

**Moderator:** Frances Homans, University of Minnesota

#### **Presentations:**

*Modeling the Effects of Mitigating Apple Maggot Spread into the Apple Production Region of Washington State* - Zishun Zhao and Thomas Wahl, Washington State University; Thomas Marsh, Kansas State University

*Biological Invasions: The Case of Soybean Aphid Infestation* - C. Kim, Glenn Schaible, L. Garrett and Ruben Lubowski, USDA-Economic Research Service; Donna Lee, University of Florida

*Chilean Coastal Fishery Co-Management: Performance and Determinants* - José Cancino, Lovell Jarvis and James Wilen, University of California at Davis

*Pest Resistance Regulation and Pest Mobility* - Stéfan Ambec and Marion Desquilbet, Institut National de la Recherche Agronomique

### **[180] LAND USE AND TECHNOLOGY AND THE PROSPERITY OF SMALL AND MEDIUM SIZED FARMS**

*Long Beach Convention and Entertainment Center/Promenade 203 C*

Organized Symposium

For decades, several agricultural economists have focused their research on enhancing the profitability of small and medium-sized farms (defined as farms with less than \$500,000 in annual sales). However, this research has had marginal impact and the number of small and medium sized farms has continued to decrease. The purpose of this symposium is to envision the future research needs to enhance the prosperity of small and medium sized farms, specifically in the areas of land-use and technology. The presenters will identify multidisciplinary research, teaching and extension activities needed to enhance the prosperity of small and medium-sized farms. The participants are encouraged during the discussions to identify other potential funding sources and networks that will facilitate this research.

**Organizer/Moderator:** Siva Sureshwaran, USDA-Cooperative State Research, Education and Extension Service

**Panelists:** David Zilberman, University of California at Berkeley; Soji Adelaja, Michigan State University; Mary Ahearn, USDA-Economic Research Service

## **Risk and Uncertainty**

## [181] POLICY, RESOURCE, AND RISK ANALYSIS

*Renaissance/Corsican*

Selected Paper Session

Papers examining issues of risk and public policy

**Moderator:** Stephen Stohs, University of California at San Diego

### **Presentations:**

*Animal Disease Related Pre-Event Investment and Post-Event Compensation: A Multi-Agent Problem* - Yanhong Jin and Bruce McCarl, Texas A&M University

*Trust in Biotechnology Risk Managers: Insights from the United Kingdom, 1996-2002* - Harvey James and Leonie Marks, University of Missouri at Columbia

*A Poisson Probability Model of Protected Species Take Risk* - Stephen Stohs, National Marine Fisheries Service

*What Drives Strategic Behavior? A Framework to Explain and Predict SME's Transition to Sustainable Production Systems* - Nikolaos Kalogeras, Wageningen University and Research Center; Joost Pennings and Philip Garcia, University of Illinois at Urbana-Champaign

## **Rural/Community Development**

## [182] INDUSTRY CLUSTERS AND RURAL GROWTH

*Long Beach Convention and Entertainment Center/Seaside 305 A*

Selected Paper Session

This session contains papers looking at the impact of industrial clustering on rural economies. Papers analyze the regional clustering of organic and bio-tech activity in rural communities and the impacts of the loss of a hospital cluster in rural communities.

**Moderator:** Julie Hogeland, USDA-Rural Business-Cooperative Service

### **Presentations:**

*Economic Impact of Hospital Closure on Rural Communities in Three Southern States: Georgia, Tennessee, and Texas: A Quasi-Experimental Approach.* - Lucia Ona, Agus Hudoyo and David Freshwater, University of Kentucky

*Spatial Clustering of the U.S. Biotech Industry* - Pramod Sambidi and Wes Harrison, Louisiana State University

*How Agricultural Economists Increase the Value of Agribusiness Research* - Erika Knight, Lisa House and Allen Wysocki, University of Florida; Juan Batista, New Business Insights

## **Teaching, Communication and Extension**

[183] **MANAGING RISK: EXTENSION EDUCATION PROGRAMS**

*Long Beach Convention and Entertainment Center/Promenade 203 A*

Selected Paper Session

Changing awareness and understanding of agribusiness risk, and the application of acquired knowledge to making strategic decisions on how to manage risk.

**Moderator:** Eluned Jones, Texas A&M University

**Presentations:**

*Decision Support System for Soybean Rust Management Using QnD* - Greg Kiker and Ram Ranjan, University of Florida

*Malt Barley Risk Management Strategies* - Cole Gustafson, William Wilson and Bruce Dahl, North Dakota State University

*Risk Management for Ag Families: An Extension Model for Improving Family Business Success* - Chris Bastian, Amy Nagler, John Hewlett and Randolph Weigel, University of Wyoming

## **Wednesday, July 26**

### **10:30 a.m. - 12:00 p.m.**

#### **Track - Community Economics Network**

[184] **RURAL ENTREPRENEURSHIP AND RURAL INTERNET ACCESS**

*Long Beach Convention and Entertainment Center/Promenade 102 C*

Selected Paper Session

These papers analyze the factors supporting rural entrepreneurial development. Issues in using the Internet in rural entrepreneurial development and the expansion of Internet access are also explored.

**Moderator:** Maureen Kilkenny, University of Nevada at Reno

**Presentations:**

*Website Usage Information for Rural-Based E-Commerce Start-Ups* - Susan Watson and Gary Kennedy, Louisiana Tech University; Ogonnaya Nwoha, University of Arkansas; Kenneth Rea, Louisiana Tech University

*A Need for Speed? Rural Internet Connectivity and the No Access/Dial-Up/High-Speed Decision* - Brian Whitacre and Bradford Mills, Virginia Polytechnic Institute and State University

*Determinants of Entrepreneurship and Small Business Activity: A Two-Stage Regression Analysis* - Doolarie Singh-Knights, Dennis Smith and Yoganand Budumuru, West Virginia University

*The Effect of Human and Financial Capital on the Entrepreneurial Process: An Urban-Rural Comparison of Entrepreneurs in Indiana* - Maria Marshall and Ananya Samal, Purdue University

## **Track - Extension Section**

### **[185] WHAT IS THE IDEAL EXTENSION MARKETING PROGRAM?**

*Long Beach Convention and Entertainment Center/Promenade 103 A*

Organized Symposium

The purpose of this organized symposium is to explore different views about an ideal extension-marketing program. Five prominent extension-marketing economists will provide an overview of their current marketing programs and then discuss their views about what an ideal program should look like in the future.

**Organizers:** Scott Irwin, University of Illinois at Urbana-Champaign; Wade Brorsen, Oklahoma State University

#### **Presentations:**

*Grain Marketing in the East* - Nicholas Piggott, North Carolina State University

*The Master Marketer Model* - Stephen Amosson, Texas A&M University

*A Portfolio Approach to Extension Marketing Programs* - Darrel Good, University of Illinois at Urbana-Champaign

*Livestock Marketing in the Great Plains* - James Mintert, Kansas State University

*The Winning the Game Approach* – Robert Craven, University of Minnesota

## **Track - Institutional and Behavior Economics**

### **[186] EMPIRICAL OBSERVATIONS OF INDIVIDUAL MOTIVATIONS, CHOICES AND OUTCOMES**

*Long Beach Convention and Entertainment Center/Promenade 202 A*

Selected Paper Session

Empirically testing factors that influence individual choices is the unifying theme of this session. The range of empirical approaches employed and the breadth of contexts that have been studied demonstrates the critical importance of this theme.

**Moderator:** \*\*\*

#### **Presentations:**

*What Motivates Farmers to Sequester Carbon: An Empirical Investigation* - Natalia Ovchinnikova, Gary Lynne, John Sautter and Colby Kruse, University of Nebraska at Lincoln

*Altruism and Voting* - Kent Messer and Greg Poe, Cornell University; Daniel Rondeau, University of Victoria; William Schulze, Cornell University; Christian Vossler, University of Tennessee

*Discretionary Latitude and the Nature of Relational Contracting* - Steven Wu and Brian Roe, The Ohio State University

*Investigating the Impact of Outside Information in Internet Auctions* - Guenter Schamel, Humboldt University

## **Track - International Section**

### **[187] ACCESS TO THE EU: IMPLICATIONS FOR EXTENSION AND RESEARCH**

*Long Beach Convention and Entertainment Center/Promenade 202 B*

Organized Symposium

**Organizers:** Wojciech Florkowski, University of Georgia

**Moderators:** Gerald White, Cornell University

**Presenters:** Gyongyi Kurthy, Research and Information Institute for Agricultural Economics; Mirosław Drygas, Agency for Restructuring and Modernization of Agriculture; Nelly Bencheva, Plovdiv Agricultural University

## **Agribusiness Economics and Management**

### **[188] THE FUTURE OF ANIMAL AGRICULTURE IN NORTH AMERICA - LOOKING BACK ON A MULTI-DISCIPLINARY INDUSTRY/POLICY ANALYSIS**

*Long Beach Convention and Entertainment Center/Promenade 201 A*

Organized Symposium

**Organizer:** Steve Halbrook, Farm Foundation

**Moderator:** Walter Armbruster, Farm Foundation

**Panelists:** Hal Harris, Clemson University; Charles Abdalla, Pennsylvania State University; Harold Goodwin, University of Arkansas; Helen Jensen, Iowa State University; Peter Goldsmith, University of Illinois at Urbana-Champaign

## **Agricultural Finance and Farm Management**

### **[189] CAN CREDIT BE AN EFFECTIVE FARM POLICY TOOL?**

*Long Beach Convention and Entertainment Center/Promenade 101 A*

Organized Symposium

**Discussant:** Allen Featherstone, Kansas State University

#### **Presentations:**

*Direct or Guaranteed Lending, Social Policy or Fiscal Responsibility* - Charles Dodson and Steven Koenig, USDA-Farm Service Agency

*Farmers on the Financial Margin* - Bruce Ahrendsen, Bruce Dixon, Eddie Chavez and John Nwoha, University of Arkansas

*FSA Minority Lending Trends in the Aftermath of the Black Farmers' Class Action Suit* - Cesar Escalante, Rodney Brooks, James Epperson and Forrest Stegelin, University of Georgia

[190] **PROFITABILITY AND FINANCIAL PERFORMANCE**

*Long Beach Convention and Entertainment Center/Promenade 101 B*

Selected Paper Session

The papers in this session focus on decision-making and financial performance.

**Moderator:** Robert Burton, Kansas State University

**Presentations:**

*Contractual Externalities and Contract Choice -Evidence from Farmland Leasing in U.S. Agriculture* - Keita Fukunaga and Brent Hueth, Iowa State University

*When to Get in and out of Dairy Farming: A Real Option Analysis* - Loren Tauer, Cornell University

*Impact of Financial Decisions on Production Inefficiency in Kansas Farms* - Orlen Grunewald, Monica Lopez Andreu, Allen Featherstone and Michael Langemeier, Kansas State University

*Profitability of Northeast Organic Dairy Farms* - Robert Parsons, University of Vermont; Timothy Dalton, University of Maine; Qingbin Wang, University of Vermont

**Environmental Economics**

[191] **ISSUES IN ENVIRONMENTAL POLICY**

*Long Beach Convention and Entertainment Center/Seaside 305 B*

Selected Paper Session

The papers in this session discuss the effects of various factors on the impacts of environmental policy development and outcomes.

**Moderator:** Basharat Pitafi, Southern Illinois University

**Presentations:**

*Does Social Capital Have a Role in Environmental Kuznets Curve Estimation?* - Krishna Paudel, Louisiana State University; Doleswar Bhandari, University of Missouri at Columbia

*Information and Climate Change Policy* - Kathy Baylis and James Vercaemmen, University of British Columbia

*Recursive Sustainability: Intertemporal Efficiency and Equity* - Keith Knapp, University of California at Riverside

*Co-evolutionary Investments in Human Speech and Trade* - Richard Horan, Michigan State University; Erwin Bulte, Tilburg University; Jason Shogren, University of Wyoming

## **Food and Agricultural Marketing**

### **[192] FOOD CHOICES IN INTERNATIONAL MARKETS**

*Renaissance/Renaissance Ballroom IV*

Selected Paper Session

Various studies associated with consumption patterns in international markets will be discussed.

**Moderator:** Wendy Umberger, Colorado State University

#### **Presentations:**

*Consumer's Choice of Food Retail Store Formats in Qingdao, China* - Junfei Bai, Thomas Wahl and Jill McCluskey, Washington State University

*International Comparisons of Consumer Preferences for Food Country-of-Origin* - Mariah Tanner Ehmke, University of Wyoming

*How Does Biotech Labeling Affect Consumers' Purchasing Decisions? A Case Study of Vegetable Oils in Nanjing, China* - William Lin, USDA-Economic Research Service; Yingchun Dai and Funing Zhong, Nanjing Agricultural University; Francis Tuan, USDA-Economic Research Service

*Effects of the Panama Canal on U.S. Competitiveness in Asian Soybean Market* - Sang Moon and Won Koo, North Dakota State University

## **Food Safety and Nutrition**

### **[193] SAY WHAT? MORE INFORMATION ABOUT FOOD CHOICE BEHAVIOR**

*Long Beach Convention and Entertainment Center/Seaside 302*

Selected Paper Session

The papers in this session examine the role of providing information to consumers in studies of food choice behavior.

**Moderator:** Elise Golan, USDA-Economic Research Service

#### **Presentations:**

*Scores, Scales or Stars: Modeling Consumer Preferences for Food Hygiene Information* - Wenjing Shang and Neal Hooker, The Ohio State University

*Willingness to Pay for Locally Produced Foods: A Customer Intercept Study of Direct Market and Grocery Stores* - Kim Darby, Marvin Batte, Stan Ernst and Brian Roe, The Ohio State University

*Incorporating Indifferent Respondents to Estimate the Willingness to Pay for Non-Genetically Modified Foods* - Naoya Kaneko and Charlie Chern, The Ohio State University

## **Human Capital and Labor**

### **[194] OFF-FARM AND ON-FARM WORK/INVESTMENT DECISIONS**

*Long Beach Convention and Entertainment Center/Seaside 303*

Selected Paper Session

This session explores the decisions between off-farm and on-farm work and investment in the U.S. and Kenya. Papers cover the theoretical decision process and the impacts of farm policy on the work and investment decision.

**Moderator:** Wallace Huffman, Iowa State University

#### **Presentations:**

*Participation in the Conservation Reserve Program and Off-Farm Work: Implications for Farm and Farm Household Productivity* - Hung-Hao Chang and Richard Boisvert, Cornell University

*Off-Farm Work and On-Farm Investment* - Jeremy Foltz, University of Wisconsin at Madison

*U.S. Agricultural Labor Out-Migration Determinants, 1939-2004* - Xinxin Zhang, University of Florida; Evert Van Der Sluis, South Dakota State University

*A Test of the New Economics of Labor Migration: Evidence from Rural Kenya* - Kirimi Sindi and Lilian Kirimi, Michigan State University

*Off-Farm Work and Farm Production Decisions: Evidence from Rural Kenya* - Mary Mathenge and David Tschirley, Michigan State University

## **International Trade**

### **[195] FOOD SAFETY AND TRADE**

*Long Beach Convention and Entertainment Center/Seaside 308 B*

Selected Paper Session

**Moderator:** Jaime Malaga, Texas A&M University

#### **Presentations:**

*Developing Country Farmers' Strategic Response to Developed Country Food Safety Standards: The Case of the Kenyan Green Grower* - Julius Okello and Julius Sindi, Michigan State University

*Different Types of Food Aid: Different Impacts? Implications for Food Aid Reform* - Sarah Lowder, The Ohio State University

*Linking Risk and Economic Assessments in the Analysis of Plant Pest Regulations: The Case of U.S. Imports of Mexican Avocados* - Everett Peterson and David Orden, International Food Policy Research Institute

*Assessing the Impact of Stricter Food Safety Measures on Trade: HACCP in U.S. Seafood Trade with the Developing World* - Sven Anders and Julie Caswell, University of Massachusetts at Amherst

[196] **TRADE BALANCE AND MACROECONOMIC LINKAGES**

*Renaissance/San Marco*

Selected Paper Session

**Moderator:** Larry Sanders, Oklahoma State University

**Presentations:**

*Identifying Macroeconomic Linkages to U.S. Agricultural Trade Balance* - Jungho Baek and Won Koo, North Dakota State University

*The Macroeconomy and the U.S. Agricultural Trade Balance* - Erik Dohlman and Mark Gehlhar, USDA-Economic Research Service

*U.S. and Canadian Livestock Prices: Market Integration and Trade Dependence* - Dragan Miljkovic, North Dakota State University

*Trade Costs in a Regionalized World Economy* - Kathryn Boys and Jason Grant, Purdue University

**International Development**

[197] **EMPIRICAL STUDIES: IMPACTS OF POLICY, RESEARCH AND SOCIAL FORCES**

*Renaissance/Corsican*

Selected Paper Session

Empirical studies form the backbone of international development research. These four studies examine the impacts of conflict, agronomic research, emergency assistance and education at the individual, household and national level. The first employs panel data to determine the effect of civil unrest on food security at the national level. The second paper is an ex-ante examination of new agricultural technology on household nutritional status. The third paper presents an analysis of potential policy outcomes on household consumption. The final paper examines how an individual's school performance is influenced by the performance of the class.

**Moderator:** Saleem Shaik, Mississippi State University

**Presentations:**

*Peer-Effects in Education: Evidence from Peru* - Jorge Aguero, University of Wisconsin at Madison

*Potential Effects of Transgenic Rice on Farm Households' Nutritional Status in Developing Countries: A Case Study in Bangladesh* - Yan Liang, Dixie Reaves and George Norton, Virginia Polytechnic Institute and State University

*The Potential Impact of Asset-Building Interventions on Poverty in Rural Ethiopia* - Vivian Hoffmann and Chris Barrett, Cornell University

*Analyzing the Effects of Conflicts on Food Security in Developing Countries: An Instrumental Variable Panel Data Approach* - Pierre Jeanty and Fred Hitzhusen, The Ohio State University

[198] **LOCAL MARKETS AND LOCAL CONDITIONS**

*Renaissance/Renaissance Ballroom V*

Selected Paper Session

Markets can provide information for both participants and policy-makers. The first paper examines whether even markets that appear underdeveloped can provide valuable information on local conditions to inform policy. Two papers explore how market conditions influence farmer decisions and marketing success. The final paper explores the potential for local products to find a market.

**Moderator:** Szczepan Figiel, Olsztyn University

**Presentations:**

*Marketing African Natural Products from Ghana: Preliminary Results* - Ramu Govindasamy, Benjamin Onyango, Venkata Puduri and James Simon, Rutgers, the State University of New Jersey; Juliana Asante-Dartey, Hanson Arthur, Bismarck Diawuo and Dan Acquaye, Agribusiness in Sustainable Natural African Plant Products

*Factors Affecting Success for Women Entrepreneurs in West Africa* - Joan Fulton, Purdue University; Germaine Ibro, Institut National de Recherche Agronomique du Niger; James Lowenberg-Deboer, Purdue University

*The 2004 Niger Food Crisis: What Role Can Price Discovery Play in Famine Early Warning Systems?* - Jeffrey Vitale, Purdue University; David Bessler, Texas A&M University

*Farmers Entry Responses and Allocation Decisions to Market Channel Innovation* - Hamish Gow and Aleksan Shanoyan, University of Illinois at Urbana-Champaign

**Industrial Organization/Supply Chain Management**

[199] **SPOT AND CONTRACT CATTLE MARKETS**

*Long Beach Convention and Entertainment Center/Promenade 102 A*

Selected Paper Session

Applied-theoretic and experimental approaches to analyzing spot and contract cattle markets.

**Moderator:** Alexander Saak, Kansas State University

**Presentations:**

*The Culture of Private Negotiation: Price Drift in Bilateral Bargaining* - Owen Phillips and Dale Menkhaus, University of Wyoming

*Contract Pricing and Packer Competition in Fed Cattle Market: A Game Theoretic Approach* - Moon-Soo Park, Alan Love and Yanhong Jin, Texas A&M University

*Optimal Incentive Structure in Cattle Feeding Contracts under Alternative Fed Cattle Pricing Methods* - Shaikh Rahman, University of Maryland at College Park

## **Natural Resource Economics**

### **[200] APPLYING NON MARKET VALUATION TECHNIQUES TO AUSTRALIAN NATURAL RESOURCE POLICY ISSUES**

*Long Beach Convention and Entertainment Center/Promenade 103 C*

Organized Symposium

There has been growing interest in developing stated preference non-market valuation techniques in the Australian natural resource policy context. In this Symposium, three recent applications of choice modeling are presented, dealing with rivers in the state of Victoria, the Great Barrier Reef and vegetation, soil and water protection across the state of Queensland. The Symposium will be relevant to those interested in the development and application of non-market valuation techniques and those with an interest in natural resource management policy making. Following the presentations of the case studies, a discussion between the Australian presenters and the AAEA attendees will be facilitated around the topic of removing barriers to the use of non-market valuation techniques in policy settings.

**Presenters:** Jeff Bennett, Australian National University; John Rolfe, Central Queensland University

### **[201] EMPIRICAL ISSUES IN ANALYSES OF RESOURCE ISSUES**

*Long Beach Convention and Entertainment Center/Seaside 306 B*

Selected Paper Session

The papers in this session explore methodological issues of estimating benefits and willingness to pay.

**Moderator:** \*\*\*

#### **Presentations:**

*Context Similarity and the Validity of Benefits Transfer: Is the Common Wisdom Correct?* - Robert Johnston, University of Connecticut

*Valuing Forest Ecosystem Services: A Comparison of the Effects of Attitudes and Demographic Characteristics on Willingness to Pay* - Laila Racevskis and Frank Lupi, Michigan State University

*Environmental Injustice: An Ohio Case Study* - Ashraf Abdul-Mohsen, U.S. Environmental Protection Agency; Fred Hitzhusen, The Ohio State University

*Is Joint Estimation of Travel Cost and Contingent Valuation Methods to Estimate Willingness to Pay More Efficient? An Empirical Evaluation and Test for Statistical Differences in WTP* - Juan Marcos Gonzalez and John Loomis, Colorado State University

### **[202] INVASIVE SPECIES MANAGEMENT**

*Long Beach Convention and Entertainment Center/Seaside 305 A*

## Selected Paper Session

The papers in this session explore management and supply issues related to invasive species.

**Moderator:** \*\*\*

### **Presentations:**

*Pest Control in the Presence of Natural Enemy Suppression* - Wei Zhang and Scott Swinton, Michigan State University

*Supply Response of Commercial Fishermen and Implications for Management of Invasive Asian Carp* - Cameron Speir and Nicholas Brozovic, University of Illinois at Urbana-Champaign

*Control of Invasive Species: Lessons from Miconia in Hawaii* - Brooks Kaiser, Gettysburg College; Kimberly Burnett and James Roumasset, University of Hawaii

## [203] WATER QUALITY MANAGEMENT

*Long Beach Convention and Entertainment Center/Seaside 306 A*

## Selected Paper Session

This session explores information and cost issues related to managing water quality.

**Moderator:** Keith Knapp, University of California at Riverside

### **Presentations:**

*Causal Factors and Costs of Home Plumbing Corrosion: An Investigation of Sample Selection Bias* - Ewa Kleczyk and Darrell Bosch, Virginia Polytechnic Institute and State University

*Value of Information and Averting Expenditures: The Case of Toxic Water Contamination* - Yoshifumi Konishi and Jay Coggins, University of Minnesota

*The Impact of Watershed Location and TMDL Development on Willingness to Pay for Water Quality Improvements* - Alan Collins, Matt Benson, Tatiana Borisova and Gerard D'Souza, West Virginia University

*The Expected Value of Sample Information Analysis for Nonpoint Water Quality Management* - Hwansoo Sung and James Shortle, Pennsylvania State University

## **Policy Analysis**

## [204] DECOUPLING OF FARM POLICY ISSUES

*Renaissance/Sicilian A*

## Selected Paper Session

The papers address a range of decoupling payment issues, including their relationship to production, farm-level risk efficiency and to the level of direct payments. The final paper provides a response to GMO in the context of developing countries.

**Moderator:** Joseph Atwood, Montana State University

**Presentations:**

*The Degree of Decoupling of Direct Payments for Korea's Rice Industry* - Yong-Kee Lee, Yeungnam University; Hanho Kim, Seoul National University

*An Investigation of the Effects of Decoupling on Farms' Technical Inefficiencies* - Teresa Serra, Institut de Recerca i Tecnologia Agroalimentàries; David Zilberman, University of California at Berkeley; José M. Gil, Institut de Recerca i Tecnologia Agroalimentàries; Allen Featherstone, Kansas State University

*Best Response to GMOs for Developing Countries* - Luc Veyssiere, Iowa State University

*Do Decoupled Payments Affect the Levels of Production of the Recipient Farmers? An Empirical Test for Corn and Soybeans in the United States* - Francisco Monge-Arino and Claudio Gonzalez, The Ohio State University

[205] **REVENUE AND WHOLE FARM DESIGNS AS ALTERNATIVES**

*Long Beach Convention and Entertainment Center/Promenade 102 B*

Organized Symposium

As the debate regarding the next farm bill begins, policy makers are searching for new approaches to farm program safety nets that are less costly and more compliant with WTO restrictions. One approach that has been suggested is to move from price-triggered programs to revenue-triggered designs. Recently, several state farm bureaus and environmental groups such as the American Farmland Trust have strongly suggested various revenue triggered designs. The presentations of this symposium will cover three of the most commonly suggested mechanisms – area revenue, whole farm revenue-triggered designs and subsidized savings approaches that would encourage inter-temporal risk management. Interestingly, programs similar to area revenue and whole-farm approaches have been piloted as purchased insurance products by the USDA Risk Management Agency, while a subsidized savings plan is the primary Canadian farm support mechanism.

**Organizers:** Keith Coble and James Miller, Mississippi State University

**Moderator:** James Miller, Mississippi State University

**Presentations:**

*Adjusted Gross Revenue As an Alternative to Price-Triggered Commodity Programs* - Keith Coble, Mississippi State University

*Farm Income Stabilization Accounts As a Policy Tool* - Robert Dismukes and Ron Durst, USDA-Economic Research Service

*Moving from Target Price to Target Area Revenue Designs* - Bruce Babcock, Iowa State University

**Political Economy**

[206] **POLITICAL ECONOMY FACETS OF REGULATORY ENVIRONMENT AND PUBLIC HEALTH, AND FOOD-BORNE RISKS AND POLICY**

*Renaissance/Sienna*

## Selected Paper Session

This set of papers examines the political economy perspective of regulatory environment and efficacy. This includes the role of regulation on agriculture producers, food borne risks and public health. Finally, farmers' perspectives on policy as a social engineering tool are discussed.

**Moderator:** John Hoehn, Michigan State University

### **Presentations:**

*Agricultural Policy As a Social Engineering Tool: Are U.S. Farmers Supportive?* - Edmund Tavernier and Benjamin Onyango, Rutgers, the State University of New Jersey

*A Regional and Industry Analysis of the Complexity of the Regulatory Environment Affecting Agricultural Producers in California* - Sean Hurley and Jay Noel, California Polytechnic State University

*Who Are More Sensitive to Food Borne Risks in Japan, Consumers or Politicians? A Political Economy Perspective* - Katsumi Arahata, Gifu University

*Regulating for Public Health: Motivations for and Efficacy of State Alcohol Regulations* - Jeffrey Milyo, Michelle Mullins and Michael Sykuta, University of Missouri at Columbia

## **Production Economics**

### [207] MEASUREMENT OF PRODUCTIVITY AND TECHNICAL CHANGE

*Long Beach Convention and Entertainment Center/Seaside 304*

## Selected Paper Session

These papers address the measurement of technical change and capital across countries and sectors.

**Moderator:** Margriet Caswell, USDA-Economic Research Service

### **Presentations:**

*Model Selection and Implications in Stochastic Frontier Analysis: Maize Productivity in Kenya* - Yanyan Liu, Michigan State University

*Induced Innovation in the Agricultural Sector: Evidence from a State Panel* - Yucan Liu and Richard Shumway, Washington State University

*Capital Requirement in Agricultural Production* - Guan Zhengfei, Wageningen University and Research Center; Subal Kumbhakar, The State University of New York at Binghamton; Alfons Oude Lansink, Wageningen University and Research Center

*Capital As a Factor of Production in OECD Agriculture: Measurement and Data* - V. Eldon Ball, W.A. Lindamood and Richard Nehring, USDA-Economic Research Service; Carlos San Juan Mesonada, Universidad Carlos III de Madrid

## **Productivity Analysis**

### **[208] GREEN REVOLUTION AND AGRICULTURAL PRODUCTIVITY IN DEVELOPING COUNTRIES**

*Long Beach Convention and Entertainment Center/Promenade 201 B*

Selected Paper Session

Papers on impact of the green revolution and international R&D investments in agriculture in a cross-country setting as well as studies for two particular countries. One of the contributions is theoretical and points out a problem when identifying the efficiency component.

**Moderator:** Matthew Holt, Purdue University

#### **Presentations:**

*Productivity and Efficiency of Small and Large Farms in Moldova* - Zvi Lerman, Hebrew University of Jerusalem; William Sutton, World Bank

*Generating Global Crop Distribution Maps: From Statistics to Grid* - Liangzhi You, Stanley Wood and Ulrike Wood-Sichra, International Food Policy Research Institute

*Chasing Absolute Cost Savings in a World of Relative Prices* - Scott Atkinson and Jeffrey Dorfman, University of Georgia

*Green Revolution Counterfactuals* - Robert Evenson, Yale University; Mark Rosegrant, International Food Policy Research Institute; Siwa Msangi, University of California at Davis; Timothy Sulser, International Food Policy Research Institute

## **Resource and Environmental Policy Analysis**

### **[209] SOIL CONSERVATION AND NUTRIENT MANAGEMENT PROGRAMS**

*Renaissance/Sicilian B*

Selected Paper Session

Papers in this session analyze soil conservation and nutrient reduction issues with particular attention to the problem of technology adoption and program participation.

**Moderator:** Marc Ribaud, USDA-Economic Research Service

#### **Presentations:**

*Empirical Assessment of Baseline Conservation Tillage Adoption Rates and Soil Carbon Sequestration in the Upper Mississippi River Basin* - Lyubov Kurkalova, Southern Illinois University; Catherine Kling, Iowa State University

*Allocating Nutrient Load Reduction across a Watershed: The Implication of Different Criteria* - Hongli Feng and Manoj Jha, Iowa State University

*Participation and Acreage Enrollment of Working Farms in the Conservation Reserve Program* - Dayton Lambert and Patrick Sullivan, USDA-Economic Research Service

*Working-Land Conservation Structures: Evidence on Program vs. Non-Program Participants* - Glenn Schaible, Dayton Lambert, Robert Johansson and Stan Daberkow, USDA-Economic Research Service

## **Teaching, Communication and Extension**

### **[210] ASSESSMENT OF OBJECTIVES IN THE EDUCATION ENVIRONMENT: COURSE, COLLEGE AND OUTREACH**

*Renaissance/Capri*

Selected Paper Session

Documenting the attainment of objectives in teaching, research and extension/outreach is of increasing importance in demonstrating the effectiveness of the Land Grant mission. The papers in this session address the elusive skill of assessing outcomes.

**Moderator:** Aslihan Spaulding, Illinois State University

#### **Presentations:**

*Creating an Excel-Based Balanced Scorecard to Measure the Performance of Colleges of Agriculture* - Steve Gillard and Ward Nefstead, University of Minnesota

*Farmers' Evaluations and Behavioral Changes Due to Attending Farm Transfer and Estate Planning Seminars* - Gary Hachfeld and Kent Olson, University of Minnesota

*Teaching Sustainable Resource Management in Uncertain Environment* - Klaus Salhofer and Petra Huck, Technical University of Munich

## **Teaching, Communication and Extension**

### **[211] TEACHING AGRICULTURAL INDUSTRIAL ORGANIZATION**

*Long Beach Convention and Entertainment Center/Promenade 103 B*

Organized Symposium

An understanding of modern theoretical and empirical industrial organization is essential for understanding today's agriculture. This organized symposium discusses how to design a graduate course in agricultural industrial organization that will add value for students enrolled in an industrial organization sequence, tools and techniques for teaching graduate and undergraduate agricultural industrial organization, and ways of integrating insights from agricultural industrial organization into undergraduate courses on marketing and other areas.

**Organizer/Moderator:** Rachael Goodhue, University of California at Davis

**Panelists:** Corinne Alexander, Purdue University; Richard Sexton, University of California at Davis; Jeffrey Perloff, University of California at Berkeley