Welcome to Pittsburgh

Thank you very much for joining us in Pittsburgh! We are pleased to welcome our AAEA, as well as our NAREA colleagues, to our Annual Meeting. We have put together an outstanding program and I believe you will find this meeting to be very rewarding—both professionally and personally.

We have two new exciting initiatives taking place this year that I would like to highlight: the Young Professionals Networking Reception and the Tours of Selected Posters.

Over the past year, the AAEA Board has placed special priority on meeting the needs of the Association’s young professionals. As part of this initiative, on Sunday afternoon at 4:30 pm, immediately following the Early Career Development workshop, we will be co-hosting a networking reception with NAREA for young professionals in the two associations. This is designed to give them an opportunity to meet and mingle with AAEA leadership, including journal editors, section leaders, and members of the Board.

A pilot program of Tours of Selected Posters will take place during the Attended Poster Sessions on Monday and Tuesday afternoons. If these tours prove popular, we’ll expand the pilot program to include more Posters at our next Annual Meeting. Five tours will take place on both Monday and Tuesday, highlighting a total of about 50 Posters. Tours will feature an author of each Poster presenting their research for ten minutes, followed by a short time for discussion. Each tour will be open to all meeting attendees, and will end with enough time left for you to visit the other Posters in the hall. We hope you will be able to participate in at least one poster tour, and we hope you will provide us with your honest feedback.

We also have all of the traditional Annual Meeting events including Pre and Post-conference workshops, plenary sessions, Speaker Series Luncheons and Banquets, and of course, the Reunions/Receptions. Information on all of the Annual Meeting events is available in this program, but the AAEA staff will be visible and on hand throughout the meeting in Pittsburgh, so feel free to contact them if you need assistance. I hope your experience is professionally enriching and personally enjoyable, and that you leave with enthusiasm for staying involved with AAEA as we embark on our second century of activity!

Thomas W. Hertel
AAEA President

On behalf of the Northeastern Agricultural and Resource Economics Association (NAREA), I welcome you to Pittsburgh. We have enjoyed working with the AAEA to coordinate the 2011 AAEA & NAREA Joint Annual Meeting, and anticipate an excellent event. I am very pleased both with the quality and diversity of our paper sessions and symposia this year, to which all are welcome. Beyond these traditional sessions, NAREA is offering a number of special events. These include a pre-conference workshop on Economics and Child Nutrition Programs, supported by the Cornell Center for Behavioral Economics and Child Nutrition Programs with cooperation of the AAEA Food Safety and Nutrition Section. We are also sponsoring a pre-conference Early Career Development workshop, designed to provide early career scholars with the opportunity to develop skills crucial to success. The program will include a welcome; presentations on best practices in grant writing, making presentations, and manuscript writing; and networking opportunities. We are coordinating with the AAEA to host a plenary discussion on Tuesday entitled “The Case for Agriculture for Development: Challenges for Impact Evaluation and Policy Design.” Panelists include Michael Carter and Elisabeth Sadoulet, with Martin Ravallion, the AAEA Galbraith speaker, serving as moderator. We anticipate a great turnout for this event. The NAREA Awards Luncheon, to be held on Monday, features a keynote address by our 2011 Public Service through Economics Award Winner Ron Cotterill (Professor Emeritus, University of Connecticut), entitled “The Evolution of Quantitative Food Marketing Policy: A Public Policy Perspective.” Also featured will be awards for the NAREA Distinguished Member(s), best article in the Agricultural and Resource Economics Review, best Master’s Thesis, Graduate Student Conference Scholarships, as well as a chance to catch up with your NAREA colleagues. I would like to thank everyone on our Board of Directors for their assistance in planning the Joint Annual Meeting, with particular recognition to our President-Elect Jill Caviglia-Harris, Past-President Jacqueline Geoghegan, and Secretary-Treasurer Doug Morris for their continued contributions. I would also like to recognize David Just for coordinating the pre-conference Economics and Child Nutrition Programs workshop, and to everyone serving on NAREA committees. I welcome you all to Pittsburgh, and invite any suggestions for ways we might improve future meetings and enhance our service to the profession. Welcome!

Robert J. Johnston
NAREA President
Meeting Information

Registration Desk Hours
Sunday, July 24, 8:00 am–7:00 pm  
Monday, July 25, 7:00 am–5:00 pm  
Tuesday, July 26, 7:00 am–4:00 pm

If you have any questions, please feel free to visit the Registration Desk, or contact AAEA staff at (412) 325-6080.

Accessibility
In accordance with the Americans with Disabilities Act, please inform an AAEA staff member if you need special assistance. Staff members are available on site at the Registration Desk to assist you.

Guests
Guests must be registered in order to attend any and all meeting functions, including the Welcome and Closing Receptions, plenary sessions, and all concurrent sessions. Guests include any interested party not professionally in the field of agricultural economics or a related discipline. Children under the age of 16 may attend the meeting for free and do not need to register as a guest.

Taping of Sessions
Session content is copyright-protected by AAEA & NAREA. Recording of any session without the consent of AAEA & NAREA is prohibited. Any taping done with the consent of the appropriate association is for personal use only and cannot be reproduced or distributed.

Tickets
Tickets are required for all speaker series luncheons and banquets, as well as other special events. A limited number of tickets may be available for sale on site. If available, tickets will be sold at the registration desk up until the day before the event. No tickets will be sold on the day of the event.

AAEA & NAREA are committed to the “True Cost Pledge.” Both associations attest that the fee associated with each event is the true cost of the price to cover that event.

Association Photographer
A professional photographer will be on site at the Joint Annual Meeting taking photos which may be used in future promotional materials for AAEA. If you prefer that you are not included in these photos, please notify the photographer.
AAEA & NAREA Leadership

Agricultural & Applied Economics Association
Executive Board

President: Thomas W. Hertel, Purdue University
President-Elect: Robert P. King, University of Minnesota
Past President: Ron Mittelhammer, Washington State University

Directors:
Bruce A. Babcock, Iowa State University
Barry Goodwin, North Carolina State University
Scott Irwin, University of Illinois at Urbana-Champaign
Lori Lynch, University of Maryland
James M. MacDonald, USDA-Economic Research Service
GianCarlo Moschini, Iowa State University

American Journal of Agricultural Economics (AJAE)
Editors:
Jeffrey H. Dorfman, University of Georgia
David Hennessy, Iowa State University
Erik Lichtenberg, University of Maryland
J. Edward Taylor, University of California, Davis

Applied Economic Perspectives and Policy (AEPP)
Submitted Articles Editors:
Joan Costa-i-Font, London School of Economics and Political Science
Ashok Mishra, Louisiana State University
Timothy Park, USDA-Economic Research Service

Featured Articles Editor: Ian Sheldon, The Ohio State University

Choices Magazine
Editor: Walter J. Ambruster, Farm Foundation, President Emeritus
Associate Editor: James Novak, Auburn University
Technical Editor: Patricia Keough-Wilson, Plains Harvest Communications

Northeastern Agricultural and Resource Economics Association Executive Board
President: Robert J. Johnston, Clark University
President-Elect: Jill Caviglia-Harris, Salisbury University
Past President: Jacqueline Geoghegan, Clark University
Secretary-Treasurer: Doug Morris, University of New Hampshire

Directors:
Dana Bauer, Boston University
Rachel Bouvier, University of Southern Maine
Carolyn Dimetri, USDA-Economic Research Service
Jeff Hyde, Pennsylvania State University
Barrett Kirwan, University of Illinois at Urbana-Champaign
Kent Messer, University of Delaware
William Wheeler, U.S. Environmental Protection Agency

Agricultural and Resource Economics Review (ARER)
Editors:
Garrick Blalock, Cornell University
David R. Just, Cornell University

Sponsors

• AAEA Student & Young Professional Travel Grants
• Pathways: Mentoring In the Agricultural and Applied Economics Profession
• Pre-conference Workshop: Economics and Child Nutrition Programs
• SS-AAEA Academic Bowl

• China Section Reception
• Extension Section Reception
• China Section Reception
• Extension Section Reception
• Extension Section Reception

• Graduate Student Extension Competition
• COSBAE Reception
• Extension Section Reception
• AAEA Galbraith Forum
• AAEA Travel Grants for Economists from Least Developed Countries
Undergraduate Recruitment Fair

Sunday, 1:00 pm – 4:00 pm; Monday, 9:00 am – 4:00 pm
David L. Lawrence Convention Center, Rooms 312–314 Foyer

The Undergraduate Recruitment Fair gives undergraduate students who are in Pittsburgh to participate in SS-AAEA events the chance to meet and interact with academic departments from around the country that have graduate programs in agricultural and applied economics. Be sure to stop and visit with representatives from these universities in between rounds of the Academic Bowl.

Participating Organizations Include:
- Oklahoma State University
- Purdue University
- Texas Tech University, Division of Personal Financial Planning
- University of Georgia
Plenary Sessions, Luncheons, & Banquets

Keynote Address
Sunday, 7:00 pm–8:00 pm
David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC
Robert E. Hall
Stanford University
“Why is the U.S. Recovery from the Financial Crisis So Sluggish?”

COSBAE/CWAE Speaker Series & Luncheon
Monday, 12:00 pm–1:15 pm
Westin, Second Floor, Somerset Room
This is a ticketed event. The cost to attend is $45.*
Carmen M. Carter
Founder & Chief Diversity Officer, Multicultural Women’s Council, Inc
“Taking Charge”

Extension Section Speaker Series & Luncheon
Monday, 12:00 pm–1:15 pm
Westin, Second Floor, Cambria Room
This is a ticketed event. The cost to attend is $45.*
Steve Isaacs
University of Kentucky
“The Road was Mostly in the Creek: Extension in Appalachia”

AAEA Presidential Address
Monday, 8:45 am–10:00 am
David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC
Robert P. King
University of Minnesota
“The Science of Design”

NAREA Awards Luncheon
Monday, July 25, 12:00 pm – 1:15 pm
Westin, Second Floor, Westmoreland Room
This is a ticketed event. In order to attend, you must have registered in advance on your meeting registration form.
The NAREA Awards Luncheon includes recognition of winners of annual awards, followed by an invited lecture by the distinguished recipient of the NAREA Award for Outstanding Public Service through Economics. All NAREA members are encouraged to attend.

Industry Speaker Series & Banquet
Monday, 8:00 pm–9:30 pm
David L. Lawrence Convention Center, Rooms 317 & 318
This is a ticketed event. The cost to attend is $60.*
Karen Grabow
Senior VP for Business and Regulatory Affairs, Land O’Lakes, Inc.
“The Human Capital Calculus”

Robert E. Hall is the Robert and Carole McNeil Joint Professor of Economics at Stanford University and Senior Fellow at Stanford’s Hoover Institution. His research focuses on the overall performance of the U.S. economy, including unemployment, capital formation, financial activity, and inflation. He has served as President, Vice President, and Ely Lecturer of the American Economic Association and is a Distinguished Fellow of the Association. He is an elected member of the National Academy of Sciences and Fellow of the American Academy of Arts and Sciences, the Society of Labor Economists, and the Econometric Society. He is Director of the Research Program on Economic Fluctuations and Growth of the National Bureau of Economic Research. He was a member of the National Presidential Advisory Committee on Productivity.

Robert P. King is Professor of Applied Economics at the University of Minnesota. He is President-Elect of AAEA and in the past has served on the AAEA Executive Board and on the editorial councils of the American Journal of Agricultural Economics and the Review of Agricultural Economics. Earlier in his career King was on the faculty at Colorado State University, and he has been a visiting professor at Wageningen University and at Oregon State University. His wide-ranging research interests have included work on decision making under uncertainty, bioeconomic modeling, management information systems, agribusiness management, cooperatives, food retailing, food safety, and sustainable agriculture.
International Speaker Series & Banquet

Monday, 8:00 pm–9:30 pm
David L. Lawrence Convention Center, Rooms 320 & 321

This is a ticketed event. The cost to attend is $60.*

Robert O. Mendelsohn
Yale School of Forestry and Environmental Studies
“The Impact of Climate Change on Global Agriculture”

AAEA Fellows Address

Tuesday, 9:30 am–10:30 am
David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC

John Quiggin
University of Queensland
“Stabilizing the Global Climate: A Simple and Robust Benefit Cost Analysis”

John Quiggin is a Federation Fellow in Economics and Political Science at the University of Queensland. He is prominent both as a research economist and as a commentator on Australian economic policy. He has produced over 1,000 publications, including five books and over 300 journal articles and book chapters, in fields including environmental economics, risk analysis, production economics, and the theory of economic growth. He has also written on policy topics including climate change, micro-economic reform, privatization, employment policy, and the management of the Murray-Darling river system. His latest book, *Zombie Economics: How Dead Ideas Still Walk Among Us*, was released recently by Princeton University Press.

The Case for Agriculture for Development: Challenges for Impact Evaluation and Policy Design

Tuesday, July 26, 12:15 pm–1:15 pm
David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC

The 2008 World Development Report, *Agriculture for Development*, punctuated the return of agriculture to the economic development agenda. As a result, governments, donors, and multilateral agencies have been expanding funding in this area even though the reliable evaluation of agricultural programs has proven difficult. In this context, program evaluation can help define priorities for agricultural investment, identify effectiveness, and assist in improving implementation. This plenary discussion will focus on the means for which impact evaluation can meet these goals, and how theory, observational data, and randomized controlled trials contribute to answering related questions. The broader issue discussed will be how, and to what extent economic evaluation can characterize efficacy and outcomes for agriculture, development, and other public programs in the developing world.

Moderator: Martin Ravallion, World Bank

Panelists:
- Michael Carter, University of California, Davis
- Elisabeth Sadoulet, University of California, Berkeley

AAEA Galbraith Forum

Tuesday, 6:30 pm–7:30 pm
David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC

Martin Ravallion
World Bank
“Growth and Poverty Revisited”

Martin Ravallion is Director of the Development Research Group of the World Bank. He has held various positions in the Bank, since he joined as an Economist in 1988. He holds a PhD in economics from the London School of Economics, and has taught economics at LSE, Oxford University, the Australian National University, and Princeton University. His main research interests over the last 25 years have concerned poverty and policies for fighting it. He has advised numerous governments and international agencies on this topic, and he has written extensively on this and other subjects in economics, including three books and over 180 papers in scholarly journals and edited volumes. He currently serves on the Editorial Boards of ten economics journals, is a Senior Fellow of the Bureau for Research in Economic Analysis of Development, and a Founding Council Member of the Society for the Study of Economic Inequality.

*If available, tickets for these events will be sold at the registration desk until the day before the event. No tickets will be sold the day of the event.
The Economic Research Service

Celebrating 50 Years of Excellence

Since its inception in 1961, the Economic Research Service (ERS) has provided valuable information used by businesses, interest groups, and policymakers—information that helps them understand current economic issues, inform decisions, and look ahead to the future. ERS research helps policymakers and others make difficult decisions that change the lives of Americans and others around the globe.

ERS and AAEA

A 50-Year Partnership for Professional Excellence

- The ERS/AAEA partnership is an enduring one. ERS has been a professional home for many who have actively participated in AAEA activities over the past 50 years.

- ERS is a major employer of agricultural economists, who participate in AAEA meetings to share research findings and network with colleagues.

- Over the years, ERS has organized and sponsored many pre- and post-conference workshops and other AAEA sessions, including the Frederick J. Waugh lecture and the John Kenneth Galbraith Forum.

Join ERS Colleagues

To Celebrate 50 Years of Excellence

- Come to the ERS reunion event at the Westin Convention Center Hotel on Monday, July 25.

- Visit our booth and share your reminiscences about ERS as part of our oral history project.
AAEA Section Events & Activities

Agribusiness Economics and Management Section (AEM)

AEM Section Business Meeting
Sunday, 9:00 am–10:00 am
David L. Lawrence Convention Center, Room 403

Industry & International Reception
Monday, 7:30 pm–8:00 pm
David L. Lawrence Convention Center, South Terrace

Industry Speaker Series & Banquet
Monday, 8:00 pm–9:30 pm
David L. Lawrence Convention Center, Rooms 317 & 318

AEM Track Sessions
1001 Agri-Food Sustainability and Its Relationship to Firm Strategy and Performance
1030 The Scientific Pluralism of Agribusiness
2001 Expectations, Perceptions, and Requirements for Academic Tenure
2030 The Ethics and Economics of Agri-food Competition
2060 Human Capital: Competing on Capabilities in Agriculture
2093 Intellectual Property Rights, New Plant Varieties, and Innovation in Agricultural Markets

Applied Risk Analysis Section (ARA)

ARA Section Business Meeting
Sunday, 10:00 am–11:00 am
David L. Lawrence Convention Center, Room 403

ARA Section Track Sessions
2033 The Economics of Health Risks and Disasters
2063 Can Government Really Make Agriculture Less Risky?
2092 Economic Consequences of Risk for Participants in Beef Cattle Markets

China Section

China Section Business Meeting/CAER Reception
Monday, 5:00 pm–6:00 pm
Westin, Second Floor, Cambria Room East

China Section Track Sessions
1006 Rural China in the New Era: Subsidy, Credit, and Land
1059 The Changing Landscape of China's Agriculture and Consumer Behavior
2106 Food Safety Issues in China and Its Impact on U.S. Markets through Trade

Committee on the Opportunities and Status of Blacks in Agricultural Economics (COSBAE)

COSBAE Business Meeting
Sunday, 12:00 pm–1:30 pm
Westin, Second Floor, Cambria Room West

COSBAE Reception
Sunday, 5:00 pm–6:30 pm
Westin, Second Floor, Fayette Room

COSBAE/CWAE Speaker Series & Luncheon
Monday, 12:00 pm–1:15 pm
Westin, Second Floor, Somerset Room

COSBAE Track Sessions
1036 Globalization and Agriculture in African Economies
1062 The Role of Agricultural Economics in Food Safety Standard Development, Education, and Evaluation
2003 Strategies for Successful Student Recruitment in Applied Economics
2090 Crop Insurance and Farm Programs

Committee on Women in Agricultural Economics (CWAE)

CWAE Business Meeting
Sunday, 11:00 am–12:00 pm
David L. Lawrence Convention Center, Room 403

CWAE Reception
Sunday, 5:00 pm–6:30 pm
Westin, Second Floor, Somerset Room East

COSBAE/CWAE Speaker Series & Luncheon
Monday, 12:00 pm–1:15 pm
Westin, Second Floor, Somerset Room

CWAE Track Sessions
1003 Marketing Sustainability: Demand Side, Supply Side, and Welfare Aspects
1075 Standing on the Shoulders of a Giant: The Broad Reach of Professor Jean Kinsey
2036 Multidisciplinarity in Agricultural Economics: Practitioner Attitudes, Publishing, and the Job Market
2078 Annie's Project—Successful Agricultural Economics Programming

Community Economics Network (CENET)

CENET Business Meeting
Sunday, 2:30 pm–4:00 pm
David L. Lawrence Convention Center, Room 404

CENET Track Sessions
2004 Rural Development Policy in Perspective: An International Comparison of OECD Countries
2034 Economic Contributions from a More Localized Food System
### Econometrics Section
**Econometrics Section Business Meeting**
Sunday, 2:00 pm–3:00 pm  
*David L. Lawrence Convention Center, Room 405*

**Econometrics Section Track Sessions**
- **1058** The Structural Approach to High Dimensional Zeros Problems in Econometrics  
- **2005** A Session in Honor and Memory of Catherine Morrison Paul  
- **2064** The History, Practice, and Latest Advances in Unit Roots and Cointegration

### Extension Section
**Graduate Student Extension Competition**
Sunday, 8:00 am–3:00 pm  
*Westin, Second Floor, Armstrong Room*

**Extension Section Business Meeting**
Sunday, 3:00 pm–4:30 pm  
*David L. Lawrence Convention Center, Room 405*

**Extension Section Reception**
Sunday, 5:00 pm–6:30 pm  
*Westin, Second Floor, Cambria Room*

**Extension Section Speaker Series & Luncheon**
Monday, 12:00 pm–1:15 pm  
*Westin, Second Floor, Cambria Room*

**Post-conference Tour: Agricultural and Food Industry Tour**
Wednesday, 7:00 am–7:00 pm  
*Westin Lobby*

**Extension Section Track Sessions**
- **1005** Meeting Fuel Mandates with Red Hot Markets  
- **1019** Washington Policy Update by Chief Economists From the House and Senate Ag Committees  
- **1034** Risk Management and U.S. Farm Policy: Experience and Prospects  
- **1061** Extension Section Crops Outlook  
- **2019** Policy Options and Consequences for the 2012 Farm Bill  
- **2031** Graduate Student Competition in Extension—Winners’ Presentations  
- **2067** Livestock Outlook and Industry Issue Panel Discussion  
- **2078** Annie’s Project—Successful Agricultural Economics Programming  
- **2090** Crop Insurance and Farm Programs

### Food and Agricultural Marketing Policy Section (FAMPS)
**FAMPS Business Meeting**
Sunday, 10:00 am–11:00 am  
*David L. Lawrence Convention Center, Room 404*

**FAMPS Track Sessions**
- **1003** Marketing Sustainability: Demand Side, Supply Side, and Welfare Aspects  
- **1034** Risk Management and U.S. Farm Policy: Experience and Prospects  
- **1075** Standing on the Shoulders of a Giant: The Broad Reach of Professor Jean Kinsey  
- **2049** Moving Toward Risk-based Food Safety Systems: United States, Canada, and WHO Experience  
- **2093** Intellectual Property Rights, New Plant Varieties, and Innovation in Agricultural Markets

### Food Safety and Nutrition Section (FSN)
**Pre-conference Workshop: Economics and Child Nutrition Programs**
Saturday, 8:30 am–5:30 pm  
*Westin, Second Floor, Westmoreland Room*

**FSN Section Business Meeting**
Tuesday, 7:00 am–8:00 am  
*David L. Lawrence Convention Center, Room 310*

**FSN Section Track Sessions**
- **1007** Solving the Healthy Eating Puzzle  
- **1033** Recent and Upcoming Innovations in Food Assistance Programs  
- **1075** Standing on the Shoulders of a Giant: The Broad Reach of Professor Jean Kinsey  
- **2006** Food Consumption Challenges in the 21st Century: Trust, Technology, Food Safety, and the Demand for Food  
- **2049** Moving Toward Risk-based Food Safety Systems: United States, Canada, and WHO Experience  
- **2066** Front of Package Nutrition Labels—EU and U.S. Industry and Consumer Response  
- **2106** Food Safety Issues in China and Its Impact on U.S. Markets through Trade
### AAEA Section Events & Activities

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<th>Graduate Student Section (GSS)</th>
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<td><strong>Graduate Student Extension Competition</strong></td>
<td>Sunday, 8:00 am–3:00 pm</td>
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<td><strong>GSS Case Study Competition</strong></td>
<td>Sunday, 8:00 am–3:30 pm</td>
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<td><strong>GSS Business Meeting</strong></td>
<td>Sunday, 10:00 am–10:30 am</td>
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<td><strong>GSS Track Sessions</strong></td>
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<tr>
<td>1002</td>
<td>Navigating the Job Search Process</td>
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<td>1031</td>
<td>Navigating Journal Writing—Advice for New and Experienced Writers</td>
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<td>1059</td>
<td>Changing Landscape of China’s Agriculture and Consumer Behavior</td>
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<td>2001</td>
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<td>2031</td>
<td>Graduate Student Competition in Extension—Winners’ Presentations</td>
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<td>2061</td>
<td>Teaching Tips from Top Teachers: 2010 AAEA Award Recipients</td>
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<th>Institutional and Behavioral Economics Section (IBES)</th>
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<tr>
<td><strong>IBES Business Meeting</strong></td>
<td>Monday, 12:30 pm–1:30 pm</td>
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<td><strong>IBES Track Sessions</strong></td>
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<td>1018</td>
<td>Measuring WTP for Animal Welfare in Agricultural Production: The Role of Information and Preference Instruments</td>
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<td>1032</td>
<td>Changing Institutions and Behaviors for Reducing Emissions from Deforestation and Forest Degradation (REDD)</td>
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<td>1060</td>
<td>An Institutional Economics Approach to Understanding Heirs’ Property: Prevalence, Problems, and Recently Proposed Legal Reform</td>
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<td>2006</td>
<td>Food Consumption Challenges in the 21st Century: Trust, Technology, Food Safety, and the Demand for Food</td>
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<td>2030</td>
<td>The Ethics and Economics of Agri-food Competition</td>
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<td><strong>International Section Business Meeting</strong></td>
<td>Sunday, 2:30 pm–4:00 pm</td>
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<td><strong>Industry &amp; International Reception</strong></td>
<td>Monday, 7:30 pm–8:00 pm</td>
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<td><strong>International Speaker Series &amp; Banquet</strong></td>
<td>Monday, 8:00 pm–9:30 pm</td>
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<td><strong>International Section Track Sessions</strong></td>
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<tr>
<td>1004</td>
<td>Research and Diffusion of Tolerance Cultivars in Developing Countries: What Can We Learn from Projects to Develop Drought Tolerant Crops in Asia (Rice) and Sub-Saharan Africa (Maize)?</td>
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<td>1035</td>
<td>Systemic Risk, Index Insurance, and Credit Markets in Developing Countries</td>
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<td>2002</td>
<td>Tapping Buoyant Global Commodity Markets: Secrets of Success for Developing Competitive Commercial Agriculture</td>
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<td>2032</td>
<td>Global Agriculture Development: Changing Aid Architecture, New Players, and the Evolving Roles of the Traditional Donors</td>
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<td>2062</td>
<td>Factors Impacting Livestock and Meat Trade in the NAFTA Countries</td>
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<td>2091</td>
<td>One Price for Carbon? International Coordination of Climate Change Policies</td>
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<th>National Association of Agricultural Economics Administrators (NAAEA)</th>
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<td><strong>NAAEA Business Meeting</strong></td>
<td>Sunday, 10:00 am–11:00 am</td>
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<td><strong>NAAEA Track Session</strong></td>
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<td>1037</td>
<td>Keys to Successful Cross-institutional Collaboration</td>
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AAEA Section Events & Activities

**Senior Section**

**Senior Section Business Meeting**  
Sunday, 1:30 pm–3:00 pm  
*David L. Lawrence Convention Center, Room 403*

**Senior Section Track Sessions**

1005  Meeting Fuel Mandates with Red Hot Markets  
1033  Recent and Upcoming Innovations in Food Assistance Programs  
1075  Standing on the Shoulders of a Giant: The Broad Reach of Professor Jean Kinsey  
2019  Policy Options and Consequences for the 2012 Farm Bill  
2038  Policy Analysis and Education in an Era of Advocacy  
2060  Human Capital: Competing on Capabilities in Agriculture  
2107  The Federal Policy Role in Today’s Food and Agricultural Markets

**Teaching, Learning, and Communications Section (TLC)**

**TLC Section Business Meeting**  
Sunday, 1:00 pm–2:30 pm  
*David L. Lawrence Convention Center, Room 404*

**TLC Section Track Sessions**

2003  Strategies for Successful Student Recruitment in Applied Economics  
2037  Managing Academic Dishonesty  
2061  Teaching Tips from Top Teachers: 2010 AAEA Award Recipients  
2094  Agricultural and Resource Economics: Student Perceptions and Choice of Major

**Undergraduate Student Section (SS-AAEA)**

**Undergraduate Paper Competition**  
Sunday, 9:00 am–12:00 pm  
*Westin, Second Floor, Washington Room*

**SS-AAEA Academic Bowl**  
Sunday, 11:00 am–12:00 pm (orientation)  
*David L. Lawrence Convention Center, Room 406*

Sunday, 1:00 pm–4:00 pm  
*David L. Lawrence Convention Center, Rooms 312, 313, & 314*

Monday, 9:00 am–4:00 pm  
*David L. Lawrence Convention Center, Rooms 312, 313, & 314*

6:00 pm–6:30 pm (Finals)  
*David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC*

**Undergraduate Recruitment Fair**  
Sunday, 1:00 pm–4:00 pm  
Monday, 9:00 am–4:00 pm  
*David L. Lawrence Convention Center, Rooms 312-314 Foyer*

**Undergraduate Student Section Mixer**  
Sunday, 5:30 pm–7:00 pm  
*Westin, Second Floor, Butler Room*

**SS-AAEA Business Meeting**  
Monday, 7:30 pm–8:30 pm  
*David L. Lawrence Convention Center, Room 303*

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**Reunions & Receptions**

**Monday, 9:00 pm–11:00 pm**  
*Westin, Second Floor*

- Colorado State University, Arizona State University, & University of Wyoming  
  Washington Room
- Cornell University & Penn State University  
  Westmoreland Room West
- Kansas State University, University of Missouri, Oklahoma State University, & University of Nebraska  
  Cambria Room West
- Louisiana State University, Mississippi State University, University of Georgia, University of Florida, Auburn University, & University of Arkansas  
  Westmoreland Room East
- North American Branch AARES Reception  
  Pennsylvania Room
- North Carolina State University, University of Maryland, & Virginia Tech  
  Somerset Room West
- Purdue University, The Ohio State University, Michigan State University, & University of Illinois  
  Fayette Room
- Texas A&M University  
  Armstrong Room
- University of California, Berkeley, University of California, Davis, & Giannini Foundation of Agricultural Economics  
  Lawrence Room
- University of Minnesota, University of Wisconsin, & Iowa State University  
  Cambria Room East
- USDA-ERS  
  Westmoreland Room Central
- Washington State University, Oregon State University, & University of Idaho  
  Somerset Room East
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w w w . j o u r n a l s . u c h i c a g o . e d u
## Meeting Schedule

### Saturday, July 23

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am–5:00 pm</td>
<td>Pre-conference Workshop: Applied Computational Economics</td>
<td>Westin, Second Floor, Butler Room</td>
</tr>
<tr>
<td>8:30 am–5:30 pm</td>
<td>Pre-conference Workshop: Economics and Child Nutrition Programs</td>
<td>Westin, Second Floor, Westmoreland Room</td>
</tr>
<tr>
<td>4:00 pm–5:30 pm</td>
<td>Association Roundtable</td>
<td>Westin, Second Floor, Fayette Room</td>
</tr>
</tbody>
</table>

### Sunday, July 24

**Registration Desk Hours:** 8:00 am–7:00 pm  
**Employment Center Hours:** 9:30 am–3:00 pm (A short orientation will take place at 9:30 am)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am–9:00 am</td>
<td>AAEA Section Leader Meeting</td>
<td>Westin, Second Floor, Butler Room West</td>
</tr>
<tr>
<td>8:00 am–3:00 pm</td>
<td>Graduate Student Extension Competition</td>
<td>Westin, Second Floor, Armstrong Room</td>
</tr>
<tr>
<td>8:00 am–3:00 pm</td>
<td>GSS Case Study Competition</td>
<td>Westin, Second Floor, Somerset &amp; Fayette Rooms</td>
</tr>
<tr>
<td>8:00 am–3:00 pm</td>
<td>AJAE Editorial Meetings</td>
<td>Westin, Second Floor, Cambria Room East</td>
</tr>
<tr>
<td>9:00 am–10:00 am</td>
<td>AEM Section Business Meeting</td>
<td>David L. Lawrence Convention Center, Room 403</td>
</tr>
<tr>
<td>9:00 am–12:00 pm</td>
<td>Undergraduate Paper Competition</td>
<td>Westin, Second Floor, Washington Room</td>
</tr>
<tr>
<td>10:00 am–11:00 am</td>
<td>ARA Section Business Meeting</td>
<td>David L. Lawrence Convention Center, Room 403</td>
</tr>
<tr>
<td>10:00 am–11:00 am</td>
<td>FAMPS Business Meeting</td>
<td>David L. Lawrence Convention Center, Room 404</td>
</tr>
<tr>
<td>10:00 am–10:30 am</td>
<td>GSS Business Meeting</td>
<td>David L. Lawrence Convention Center, Room 310</td>
</tr>
<tr>
<td>10:00 am–11:00 am</td>
<td>NAAEA Business Meeting</td>
<td>David L. Lawrence Convention Center, Room 311</td>
</tr>
</tbody>
</table>
# Meeting Schedule

**Sunday, July 24**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 am–11:30 am</td>
<td><strong>Young Professionals Task Force Meeting</strong></td>
<td><strong>David L. Lawrence Convention Center, Room 405</strong></td>
</tr>
<tr>
<td>11:00 am–12:00 pm</td>
<td><strong>CWAE Business Meeting</strong></td>
<td><strong>David L. Lawrence Convention Center, Room 403</strong></td>
</tr>
<tr>
<td>11:00 am–12:00 pm</td>
<td><strong>Outreach Committee Meeting</strong></td>
<td><strong>David L. Lawrence Convention Center, Room 310</strong></td>
</tr>
<tr>
<td>11:00 am–12:00 pm</td>
<td><strong>SS-AAEA Academic Bowl Orientation</strong></td>
<td><strong>David L. Lawrence Convention Center, Room 406</strong></td>
</tr>
<tr>
<td>11:30 am–12:30 pm</td>
<td><strong>Economics, Statistics, and Information Resources Committee Meeting</strong></td>
<td><strong>David L. Lawrence Convention Center, Room 404</strong></td>
</tr>
<tr>
<td>12:00 pm–1:00 pm</td>
<td><strong>AAEA Trust Committee Meeting</strong></td>
<td><strong>Westin, Second Floor, Butler Room West</strong></td>
</tr>
<tr>
<td>12:00 pm–1:30 pm</td>
<td><strong>COSBAE Business Meeting</strong></td>
<td><strong>Westin, Second Floor, Cambria Room West</strong></td>
</tr>
<tr>
<td>1:30 pm–3:00 pm</td>
<td><strong>Senior Section Business Meeting</strong></td>
<td><strong>David L. Lawrence Convention Center, Room 403</strong></td>
</tr>
<tr>
<td>1:00 pm–4:30 pm</td>
<td><strong>Pre-conference Workshop: Early Career Development</strong></td>
<td><strong>Westin, Second Floor, Pennsylvania Room</strong></td>
</tr>
<tr>
<td>1:00 pm–2:30 pm</td>
<td><strong>TLC Section Business Meeting</strong></td>
<td><strong>David L. Lawrence Convention Center, Room 404</strong></td>
</tr>
<tr>
<td>1:00 pm–4:00 pm</td>
<td><strong>SS-AAEA Academic Bowl</strong></td>
<td><strong>David L. Lawrence Convention Center, Rooms 312, 313, &amp; 314</strong></td>
</tr>
<tr>
<td>1:00 pm–4:00 pm</td>
<td><strong>Undergraduate Recruitment Fair</strong></td>
<td><strong>David L. Lawrence Convention Center, Rooms 312–314 Foyer</strong></td>
</tr>
<tr>
<td>2:00 pm–3:00 pm</td>
<td><strong>Econometrics Section Business Meeting</strong></td>
<td><strong>David L. Lawrence Convention Center, Room 405</strong></td>
</tr>
<tr>
<td>2:30 pm–3:30 pm</td>
<td><strong>Related Journals Editors Meeting</strong></td>
<td><strong>David L. Lawrence Convention Center, Room 310</strong></td>
</tr>
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</table>
## Meeting Schedule

### Sunday, July 24

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30 pm–4:00 pm</td>
<td><strong>CENET Business Meeting</strong></td>
<td>David L. Lawrence Convention Center, Room 404</td>
</tr>
<tr>
<td>2:30 pm–4:00 pm</td>
<td><strong>International Section Business Meeting</strong></td>
<td>David L. Lawrence Convention Center, Room 311</td>
</tr>
<tr>
<td>3:00 pm–4:30 pm</td>
<td><strong>Extension Section Business Meeting</strong></td>
<td>David L. Lawrence Convention Center, Room 405</td>
</tr>
<tr>
<td>3:00 pm–4:00 pm</td>
<td><strong>Communications/Publications Committee Meeting</strong></td>
<td>David L. Lawrence Convention Center, Room 403</td>
</tr>
<tr>
<td>4:30 pm–6:00 pm</td>
<td><strong>Young Professional Networking Reception</strong></td>
<td>Westin, Second Floor, Westmoreland Room</td>
</tr>
<tr>
<td>5:00 pm–6:30 pm</td>
<td><strong>COSBAE Reception</strong></td>
<td>Westin, Second Floor, Fayette Room</td>
</tr>
<tr>
<td>5:00 pm–6:30 pm</td>
<td><strong>CWAE Reception</strong></td>
<td>Westin, Second Floor, Somerset Room East</td>
</tr>
<tr>
<td>5:00 pm–6:30 pm</td>
<td><strong>Extension Section Reception</strong></td>
<td>Westin, Second Floor, Cambria Room</td>
</tr>
<tr>
<td>5:30 pm–7:00 pm</td>
<td><strong>SS-AAEA Mixer</strong></td>
<td>Westin, Second Floor, Butler Room</td>
</tr>
<tr>
<td>7:00 pm–8:00 pm</td>
<td><strong>Keynote Address</strong></td>
<td>David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC</td>
</tr>
<tr>
<td>8:00 pm–10:00 pm</td>
<td><strong>Welcome Reception</strong></td>
<td>David L. Lawrence Convention Center, Fourth Floor, North Terrace</td>
</tr>
</tbody>
</table>

### Monday, July 25

- **Registration Desk Hours:** 7:00 am–5:00 pm
- **Employment Center Hours:** 9:30 am–5:00 pm
- **Grants Center Hours:** 3:00 pm–4:30 pm
- **Poster Hall Hours:** 12:00 pm–4:30 pm

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am–8:30 am</td>
<td><strong>AAEA Business Meeting</strong></td>
<td>David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC</td>
</tr>
<tr>
<td>8:45 am–10:00 am</td>
<td><strong>AAEA Presidential Address</strong></td>
<td>David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC</td>
</tr>
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</table>
## Meeting Schedule

### Monday, July 25

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 9:00 am–4:00 pm | SS-AAEA Academic Bowl  
*David L. Lawrence Convention Center, Rooms 312, 313, & 314* |
| 9:00 am–4:00 pm | Undergraduate Recruitment Fair  
*David L. Lawrence Convention Center, Rooms 312–314 Foyer* |
| 10:15 am–11:45 am | Concurrent Sessions  
**AAEA Sessions**  
1001 Agri-food Sustainability and Its Relationship to Firm Strategy and Performance  
*Room 303*  
1002 Navigating the Job Search Process  
*Room 304*  
1003 Marketing Sustainability: Demand Side, Supply Side, and Welfare Aspects  
*Room 305*  
1004 Research and Diffusion of Tolerance Cultivars in Developing Countries: What Can We Learn from Projects to Develop Drought Tolerant Crops in Asia (Rice) and Sub-Saharan Africa (Maize)?  
*Room 310*  
1005 Meeting Fuel Mandates with Red Hot Markets  
*Room 311*  
1006 Rural China in the New Era: Subsidy, Credit, and Land  
*Room 315*  
1007 Solving the Healthy Eating Puzzle  
*Room 316*  
1008 Agricultural Sustainability in Developing Countries: Prospects for Agricultural Productivity Growth in China, Brazil, and Sub-Saharan Africa  
*Room 317*  
1009 Natural Resources and Economic Growth—Beyond Extraction, Farming, and Good Weather  
*Room 318*  
1010 Opportunities and Constraints in Developing Renewable Energy Options  
*Room 319*  
1011 The Empirics of Economic Development in Agriculture  
*Room 329*  
1012 Water Management  
*Room 330*  
1013 Price Transmission and Market Integration  
*Room 401*  
1014 Grain Marketing Issues  
*Room 402*  
1015 U.S. Nutrition Support Programs  
*Room 403*  
1016 Renewable Energy  
*Room 404*  
1017 Economic Impacts of Climate and Policy  
*Room 405*  
1018 Measuring WTP for Animal Welfare in Agricultural Production: The Role of Information and Preference Instruments  
*Room 406*  
1019 Washington Policy Update by Chief Economists from the House and Senate Ag Committees  
*Room 407*  
1020 Innovation, Technology Adoption, and Entrepreneurship in Agricultural Markets  
*Room 408*  
1021 Productivity  
*Room 409*  
1022 Peers, Family, and Time Effects on Food Security, Dietary Quality, and Obesity  
*Room 410*  
1023 Climate Change and Trade  
*Room 411*  
1024 Methods for Modeling Crop Yields  
*Room 412*  
1025 Advances in Nonmarket Valuation Methodology  
*Room 413*  
1026 Retailer Behavior  
*Room 414*  
1027 The Economics of Coupons, Advertising, Information, and Regulation  
*Room 415*  
**NAREA Sessions**  
1028 Global and Developing Issues  
*Room 320*  
1029 Eco-marketing and Green Products  
*Room 321* |
### Meeting Schedule

**Monday, July 25**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
</table>
| 12:00 pm–1:15 pm | **COSBAE/CWAE Speaker Series & Luncheon**  
Westin, Second Floor, Somerset Room                                  |                                               |
| 12:00 pm–1:15 pm | **Extension Section Speaker Series & Luncheon**  
Westin, Second Floor, Cambria Room                       |                                               |
| 12:00 pm–1:15 pm | **NAREA Awards Luncheon**  
Westin, Second Floor, Westmoreland Room                  |                                               |
| 12:30 pm–1:30 pm | **IBES Business Meeting**  
David L. Lawrence Convention Center, Room 305                   |                                               |
| 1:30 pm–3:00 pm  | **GSS Case Study Finals**  
Westin, Second Floor, Butler Room                                |                                               |
| 1:30 pm–4:00 pm  | **Concurrent Sessions**                                                                         |                                               |
| AAEA Sessions    |                                                                                                 |                                               |
| 1030            | The Scientific Pluralism of Agribusiness  
*Room 303*                                                |                                               |
| 1031            | Navigating Journal Writing—Advice for New and Experienced Writers  
*Room 304*                                               |                                               |
| 1032            | Changing Institutions and Behaviors for Reducing Emissions from Deforestation and Forest Degradation (REDD)  
*Room 305*                                               |                                               |
| 1033            | Recent and Upcoming Innovations in Food Assistance Programs  
*Room 310*                                               |                                               |
| 1034            | Risk Management and U.S. Farm Policy: Experience and Prospects  
*Room 311*                                               |                                               |
| 1035            | Systemic Risk, Index Insurance, and Credit Markets in Developing Countries  
*Room 315*                                               |                                               |
| 1036            | Globalization and Agriculture in African Economies  
*Room 316*                                               |                                               |
| 1037            | Keys to Successful Cross-institutional Collaboration  
*Room 317*                                               |                                               |
| 1038            | Chinese Urban Food Consumption  
*Room 318*                                               |                                               |
| 1039            | Public Policies Influencing Local Foods Production  
*Room 329*                                               |                                               |
| 1040            | Shocks, Vulnerability, and Risk Coping  
*Room 330*                                               |                                               |
| 1041            | Applied Spatial Modeling  
*Room 401*                                               |                                               |
| 1042            | Climate, Weather, and Demand  
*Room 402*                                               |                                               |
| 1043            | Understanding Consumer Preference  
*Room 403*                                               |                                               |
| 1044            | Crop Insurance  
*Room 404*                                               |                                               |
| 1045            | Farmland Conservation Practices  
*Room 405*                                               |                                               |
| 1046            | What You Need to Know About the Budget and the Next Farm Bill: A Short Course  
*Room 406*                                               |                                               |
| 1047            | Farm Labor and Immigration in the United States  
*Room 407*                                               |                                               |
| 1048            | Forest Carbon Sequestration  
*Room 408*                                               |                                               |
| 1049            | Financial and Business Management Issues in the Livestock and Dairy Industries  
*Room 409*                                               |                                               |
| 1050            | Investigation of New Technology  
*Room 410*                                               |                                               |
| 1051            | Agricultural Trade Flows and Trade Agreements Issues  
*Room 411*                                               |                                               |
| 1052            | Contracting and Organization  
*Room 412*                                               |                                               |
## Meeting Schedule

### Monday, July 25

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<th>Session</th>
<th>Title</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>1053</td>
<td>Valuing Ecosystem Services</td>
<td>413</td>
</tr>
<tr>
<td>1054</td>
<td>Health and Investment</td>
<td>414</td>
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<tr>
<td></td>
<td><strong>NAREA Sessions</strong></td>
<td></td>
</tr>
<tr>
<td>1055</td>
<td>Food and Health Trends—Economic Conditions, Healthy Alternatives, Local Foods, and School Lunches</td>
<td>319</td>
</tr>
<tr>
<td>1056</td>
<td>Conservation and Consumer Behavior</td>
<td>320</td>
</tr>
<tr>
<td>1057</td>
<td>Local Food and Community Policy</td>
<td>321</td>
</tr>
</tbody>
</table>

3:00 pm–4:30 pm

### Attended Poster Session

*David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom A*

#### Tours of Selected Posters

- **M1–M5** Research on the Economics of Food Safety and Nutrition
- **M6–M10** Land Allocation
- **M11–M15** Efficiency, Productivity, and Technology Adoption
- **M16–M20** Aspects of Land Use
- **M21–M25** Carbon Emissions and Carbon Offsets

3:00 pm–4:30 pm

### Grants Center

*David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom A*

4:30 pm–6:00 pm

### Concurrent Sessions

#### AAEA Sessions

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>1058</td>
<td>The Structural Approach to High Dimensional Zeros Problems in Econometrics</td>
<td>303</td>
</tr>
<tr>
<td>1059</td>
<td>The Changing Landscape of China’s Agriculture and Consumer Behavior</td>
<td>304</td>
</tr>
<tr>
<td>1060</td>
<td>An Institutional Economics Approach to Understanding Heirs’ Property: Prevalence, Problems, and Recently Proposed Legal Reform</td>
<td>305</td>
</tr>
<tr>
<td>1061</td>
<td>Extension Section Crops Outlook</td>
<td>310</td>
</tr>
<tr>
<td>1062</td>
<td>The Role of Agricultural Economics in Food Safety Standard Development, Education, and Evaluation</td>
<td>311</td>
</tr>
<tr>
<td>1063</td>
<td>Can Agricultural Input Subsidies Foster an African Green Revolution? Insights from Malawi</td>
<td>315</td>
</tr>
<tr>
<td>1064</td>
<td>The Microdata Revolution</td>
<td>316</td>
</tr>
<tr>
<td>1065</td>
<td>Understanding Food Choice: Insights from Europe</td>
<td>317</td>
</tr>
<tr>
<td>1066</td>
<td>Applications of Multivariate Risk and Copulas and Food Security Issues</td>
<td>318</td>
</tr>
<tr>
<td>1067</td>
<td>Estimating the Food Demand Impact of Culture, Quality, and Convenience</td>
<td>329</td>
</tr>
<tr>
<td>1068</td>
<td>Crop Yields and Climate Change</td>
<td>330</td>
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<tr>
<td>1069</td>
<td>Health and Safety</td>
<td>401</td>
</tr>
<tr>
<td>1070</td>
<td>Water Quantity and Distribution</td>
<td>402</td>
</tr>
<tr>
<td>1071</td>
<td>Biofuel Trade and Economic Impacts</td>
<td>403</td>
</tr>
<tr>
<td>1072</td>
<td>Risk and Efficiency Issues in Agricultural Lending</td>
<td>404</td>
</tr>
<tr>
<td>1073</td>
<td>Biofuel</td>
<td>405</td>
</tr>
<tr>
<td>1074</td>
<td>Sensory Analysis in Economics: How Sensory Attributes Influence Consumer Willingness to Pay</td>
<td>406</td>
</tr>
<tr>
<td>1075</td>
<td>Standing on the Shoulders of a Giant: The Broad Reach of Professor Jean Kinsey</td>
<td>407</td>
</tr>
<tr>
<td>1076</td>
<td>Of Mice and Men and Women: Research on the Economics of Obesity, Dietary Quality, and Health</td>
<td>408</td>
</tr>
</tbody>
</table>
### Meeting Schedule

#### Monday, July 25

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00 pm–6:00 pm</td>
<td><strong>China Section Business Meeting &amp; CAER Reception</strong></td>
<td><em>Westin, Second Floor, Cambria Room East</em></td>
</tr>
<tr>
<td>6:00 pm–7:00 pm</td>
<td><strong>NAREA Business Meeting</strong></td>
<td><em>David L. Lawrence Convention Center, Room 303</em></td>
</tr>
<tr>
<td>6:00 pm–6:30 pm</td>
<td><strong>SS-AAEA Academic Bowl Finals</strong></td>
<td><em>David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC</em></td>
</tr>
<tr>
<td>6:30 pm–7:30 pm</td>
<td><strong>AAEA Awards &amp; Fellows Recognition Ceremony</strong></td>
<td><em>David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC</em></td>
</tr>
<tr>
<td>7:30 pm–8:30 pm</td>
<td><strong>SS-AAEA Business Meeting</strong></td>
<td><em>David L. Lawrence Convention Center, Room 303</em></td>
</tr>
<tr>
<td>7:30 pm–8:00 pm</td>
<td><strong>Industry &amp; International Reception</strong></td>
<td><em>David L. Lawrence Convention Center, South Terrace</em></td>
</tr>
<tr>
<td>8:00 pm–9:30 pm</td>
<td><strong>Industry Speaker Series &amp; Banquet</strong></td>
<td><em>David L. Lawrence Convention Center, Rooms 317 &amp; 318</em></td>
</tr>
<tr>
<td>8:00 pm–9:30 pm</td>
<td><strong>International Speaker Series &amp; Banquet</strong></td>
<td><em>David L. Lawrence Convention Center, Rooms 320 &amp; 321</em></td>
</tr>
<tr>
<td>9:00 pm–11:00 pm</td>
<td><strong>Reunions &amp; Receptions</strong></td>
<td><em>Westin, Second Floor</em> (see page 12)</td>
</tr>
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</table>

#### Cotton Trade Issues
- **Room 409**

#### Land Use, Land Practices, and Valuation
- **Room 410**

#### Econometric Methods in Household and Labor Economics
- **Room 411**

#### NAREA Sessions
- 1080 **Topics in Disasters and Waste Management**
  - **Room 319**
- 1081 **Water Resources**
  - **Room 320**
- 1082 **Benefits Transfer and Nonmarket Valuation**
  - **Room 321**
### Meeting Schedule

**Tuesday, July 26**

**Registration Desk Hours:** 7:00 am–4:00 pm  
**Employment Center Hours:** 9:30 am–5:00 pm  
**Grants Center Hours:** 3:00 pm–4:30 pm  
**Poster Hall Hours:** 12:00 pm–4:30 pm  

7:00 am–8:00 am  
**FSN Section Business Meeting**  
*David L. Lawrence Convention Center, Room 310*

8:00 am–9:30 am  
**Concurrent Sessions**

#### AAEA Sessions

<table>
<thead>
<tr>
<th>Session</th>
<th>Topic</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>Expectations, Perceptions, and Requirements for Academic Tenure</td>
<td>303</td>
</tr>
<tr>
<td>2002</td>
<td>Tapping Buoyant Global Commodity Markets: Secrets of Success for Developing Competitive Commercial Agriculture</td>
<td>304</td>
</tr>
<tr>
<td>2003</td>
<td>Strategies for Successful Student Recruitment in Applied Economics</td>
<td>305</td>
</tr>
<tr>
<td>2004</td>
<td>Rural Development Policy in Perspective: An International Comparison of OECD Countries</td>
<td>310</td>
</tr>
<tr>
<td>2005</td>
<td>A Session in Honor and Memory of Catherine Morrison Paul</td>
<td>311</td>
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<tr>
<td>2006</td>
<td>Food Consumption Challenges in the 21st Century: Trust, Technology, Food Safety, and the Demand for Food</td>
<td>315</td>
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<tr>
<td>2009</td>
<td>Private and Public Pollution Prevention Programs</td>
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<tr>
<td>2010</td>
<td>Pathways: Mentoring in the Agricultural and Applied Economics Profession (Part I)</td>
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<tr>
<td>2011</td>
<td>Understanding Factors Affecting Nutrition Status</td>
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<tr>
<td>2012</td>
<td>Invasives and Pests</td>
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<tr>
<td>2013</td>
<td>In Vino Veritas: Wine Consumers’ Preferences and Knowledge</td>
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<tr>
<td>2014</td>
<td>Organic Food Marketing and Traceability</td>
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#### NAREA Sessions

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<thead>
<tr>
<th>Session</th>
<th>Topic</th>
<th>Room</th>
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<tr>
<td>2015</td>
<td>High Calorie Food Policies</td>
<td>403</td>
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<tr>
<td>2016</td>
<td>Water and Air Quality Policy</td>
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<tr>
<td>2017</td>
<td>Farmland Conservation and CRP</td>
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<tr>
<td>2018</td>
<td>Experiments with Farmers: Risk, Ambiguity, and Discounting</td>
<td>406</td>
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<td>2019</td>
<td>Policy Options and Consequences for the 2012 Farm Bill</td>
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<tr>
<td>2020</td>
<td>Income Enhancement and Risk Management in Various Farm Businesses</td>
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<td>2021</td>
<td>Production Function Estimation</td>
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<tr>
<td>2022</td>
<td>Farm-level Food Safety and Food Taxes</td>
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<tr>
<td>2023</td>
<td>Agricultural Technology and Trade</td>
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<tr>
<td>2024</td>
<td>Weather Risk and Index Insurance</td>
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<td>2025</td>
<td>Nonmarket Valuation: Water Resource Management</td>
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<td>2026</td>
<td>Invited Paper Session Featuring Selected Case Studies</td>
<td>414</td>
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<td>2027</td>
<td>Agricultural R&amp;D, Innovation, and Productivity</td>
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<td>2028</td>
<td>International Trade and Energy</td>
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<tr>
<td>2029</td>
<td>Analysis of Property Values: Theory and Applications</td>
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# Meeting Schedule

**Tuesday, July 26**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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</thead>
</table>
| 9:30 am–10:30 am | **AAEA Fellows Address**  
*David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC* |            |
| 10:30 am–12:00 pm | **Concurrent Sessions**                                                                |            |

## AAEA Sessions

- **2030** The Ethics and Economics of Agri-food Competition  
  *Room 303*
- **2031** Graduate Student Competition in Extension—Winners’ Presentations  
  *Room 304*
- **2032** Global Agriculture Development: Changing Aid Architecture, New Players, and the Evolving Roles of the Traditional Donors  
  *Room 305*
- **2033** The Economics of Health Risks and Disasters  
  *Room 310*
- **2034** Economic Contributions from a More Localized Food System  
  *Room 311*
- **2035** Labor Issues of Young Adults  
  *Room 312*
- **2036** Multidisciplinarity in Agricultural Economics: Practitioner Attitudes, Publishing, and the Job Market  
  *Room 315*
- **2037** Managing Academic Dishonesty  
  *Room 316*
- **2038** Policy Analysis and Education in an Era of Advocacy  
  *Room 317*
- **2039** Climate Policy  
  *Room 318*
- **2040** Pathways: Mentoring in the Agricultural and Applied Economics Profession (Part II)  
  *Room 319*
- **2041** Future Role of Food Aid: Can It Be an Effective Tool for Food Security?  
  *Room 329*
- **2042** Intrahousehold Resource Allocation  
  *Room 330*
- **2043** Alternative Energy  
  *Room 401*
- **2044** Advances in Demand Modeling  
  *Room 402*
- **2045** Advertising and Other Marketing Challenges  
  *Room 403*

## Biofuel Policy

- **2046** Biofuel Policy  
  *Room 404*
- **2047** Land Use Change  
  *Room 405*
- **2048** Regional, Commodity, and Budget Driven Interests in Agricultural Policy Reform for the 2012 Farm Bill  
  *Room 406*
- **2049** Moving Toward Risk-based Food Safety Systems: United States, Canada, and WHO Experience  
  *Room 407*
- **2050** Climate Change Policy  
  *Room 408*

## Food and Wine: Safety and Policy

- **2051** The Economics of Food Insecurity and Food Assistance Programs  
  *Room 409*
- **2052** SPS and Other Technical Barrier to Trade  
  *Room 410*
- **2053** Issues in Empirical Industrial Organization  
  *Room 411*
- **2054** Getting the Most Out of Data: Sample Size, Imputation, and Recall Bias  
  *Room 412*
- **2055** Rural Development and Suburbanization  
  *Room 413*
- **2056** Commodity Price Determinants and Relationships in Agribusiness Markets  
  *Room 414*
- **2057** Experiments in Ag and Resource Policy: The Roles of Trust, Fairness, and Other Emotions  
  *Room 415*

## NAREA Sessions

- **2058** Climate Change: Effects and Sequestration Opportunities  
  *Room 320*
- **2059** Food and Wine: Safety and Policy  
  *Room 321*
Meeting Schedule

Tuesday, July 26

12:15 pm–1:15 pm
The Case for Agriculture for Development: Challenges for Impact Evaluation and Policy Design
David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC

12:15 pm–1:15 pm
Membership Committee Meeting
David L. Lawrence Convention Center, Room 310

1:30 pm–3:00 pm
Concurrent Sessions

<table>
<thead>
<tr>
<th>AAEA Sessions</th>
<th>NAREA Sessions</th>
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</thead>
<tbody>
<tr>
<td>2060 Human Capital: Competing on Capabilities in Agriculture</td>
<td>2087 Biofuels: Production and Consumption</td>
</tr>
<tr>
<td>Room 303</td>
<td>Room 319</td>
</tr>
<tr>
<td>2061 Teaching Tips from Top Teachers: 2010 AAEA Award Recipients</td>
<td>2075 Climate Change and Biofuels</td>
</tr>
<tr>
<td>Room 304</td>
<td>Room 404</td>
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<tr>
<td>2062 Factors Impacting Livestock and Meat Trade in the NAFTA Countries</td>
<td>2076 Production Economics in Developing Countries</td>
</tr>
<tr>
<td>Room 305</td>
<td>Room 405</td>
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<tr>
<td>2063 Can Government Really Make Agriculture Less Risky?</td>
<td>2077 Rural Wealth Creation</td>
</tr>
<tr>
<td>Room 310</td>
<td>Room 406</td>
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<tr>
<td>2064 The History, Practice, and Latest Advances in Unit Roots and Cointegration</td>
<td>2078 Annie’s Project—Successful Agricultural Economics Programming</td>
</tr>
<tr>
<td>Room 311</td>
<td>Room 407</td>
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<tr>
<td>2065 Crop Insurance: Incentives, Choices, and Spillovers</td>
<td>2079 Food Safety and Food Demand in East Asia</td>
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<tr>
<td>Room 312</td>
<td>Room 408</td>
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<tr>
<td>Room 315</td>
<td>Room 409</td>
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<tr>
<td>2067 Livestock Outlook and Industry Issue Panel Discussion</td>
<td>2081 New Frontiers for Quantitative Research in Agricultural Economics</td>
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<tr>
<td>Room 316</td>
<td>Room 410</td>
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<tr>
<td>2068 Methodological Issues Encountered in Working with the Nielsen Homescan Panel and with the IRI Consumer Network Data</td>
<td>2082 Social Networks and Economic Development</td>
</tr>
<tr>
<td>Room 317</td>
<td>Room 411</td>
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<tr>
<td>2069 Water Management Issues</td>
<td>2083 Financial Implications of Ownership, Funding, and Business Management Arrangements</td>
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<tr>
<td>Room 318</td>
<td>Room 412</td>
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<tr>
<td>2070 Understanding the Causes and Consequences of Migration</td>
<td>2084 Experiments on Auctions</td>
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<tr>
<td>Room 329</td>
<td>Room 413</td>
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<tr>
<td>2071 Climate Change and Production</td>
<td>2085 Successful Education: Source, Delivery, and Evaluation</td>
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<tr>
<td>Room 330</td>
<td>Room 414</td>
</tr>
<tr>
<td>2072 Topics in Demand Modeling</td>
<td>2086 The Role of Dynamics and Risk in Technology Adoption</td>
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<tr>
<td>Room 401</td>
<td>Room 415</td>
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<tr>
<td>2073 Producer and Consumer Marketing Issues with Local Foods</td>
<td>2087 Biofuels: Production and Consumption</td>
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<tr>
<td>Room 402</td>
<td>Room 319</td>
</tr>
<tr>
<td>2074 Global Food Security</td>
<td>2075 Climate Change and Biofuels</td>
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<tr>
<td>Room 403</td>
<td>Room 404</td>
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<tr>
<td>2076 Production Economics in Developing Countries</td>
<td>2077 Rural Wealth Creation</td>
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<td>Room 407</td>
<td>Room 408</td>
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<tr>
<td>2080 Asia Agricultural Policies and Trade</td>
<td>2081 New Frontiers for Quantitative Research in Agricultural Economics</td>
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<tr>
<td>2088 Land Use Policy and Preservation</td>
<td>2076 Production Economics in Developing Countries</td>
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<td>Room 320</td>
<td>Room 405</td>
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<tr>
<td>2089 Impact Evaluation in Practice</td>
<td>2077 Rural Wealth Creation</td>
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<tr>
<td>Room 321</td>
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Meeting Schedule

Tuesday, July 26

3:00 pm–4:30 pm

**Attended Poster Session**
David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom A

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<thead>
<tr>
<th>Tours of Selected Posters</th>
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<tbody>
<tr>
<td>T1–T5</td>
<td>Spatial Models of Demand</td>
</tr>
<tr>
<td>T6–T10</td>
<td>The Benefits and Costs of Land Use and Agricultural Policies</td>
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<tr>
<td>T11–T15</td>
<td>U.S. Seafood Imports—Agricultural Trade Agreements</td>
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</table>

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<thead>
<tr>
<th></th>
<th>T16–T20</th>
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</thead>
<tbody>
<tr>
<td>Production Economics: Empirical Modeling and Estimation</td>
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<tr>
<td>Risk Preferences and Attitudes on U.S. Farms</td>
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</tbody>
</table>

3:00 pm–4:30 pm

**Grants Center**
David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom A

4:45 pm–6:15 pm

**Concurrent Sessions**

### AAEA Sessions

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<th>2090</th>
<th>Crop Insurance and Farm Programs Room 303</th>
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<tbody>
<tr>
<td>2091</td>
<td>One Price for Carbon? International Coordination of Climate Change Policies Room 304</td>
</tr>
<tr>
<td>2092</td>
<td>Economic Consequences of Risk for Participants in Beef Cattle Markets Room 305</td>
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<tr>
<td>2093</td>
<td>Intellectual Property Rights, New Plant Varieties, and Innovation in Agricultural Markets Room 310</td>
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<tr>
<td>2094</td>
<td>Agricultural and Resource Economics: Student Perceptions and Choice of Major Room 311</td>
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<td>2095</td>
<td>Adolescent Girls and Agriculture Room 315</td>
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<td>2096</td>
<td>Ecosystem Service Payments Room 316</td>
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<td>2097</td>
<td>Land in Economic Development Room 317</td>
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<td>2098</td>
<td>Ecosystems and Environmental Kuznets Curve Room 318</td>
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<td>2099</td>
<td>Models of Commodity Price Level and Volatility Room 329</td>
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<td>2100</td>
<td>Farm Payments Room 330</td>
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<td>2101</td>
<td>Land Use and Biofuels Room 401</td>
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<td>2102</td>
<td>Impacts of Climate Changes on Agricultural Production Room 402</td>
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<td>2103</td>
<td>The Role of Entrepreneurship in Regional Economic Growth Room 403</td>
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<tr>
<td>2104</td>
<td>Value and Impacts of New Crop Technologies Room 404</td>
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<tr>
<td>2105</td>
<td>Price Risk and Volatility Room 405</td>
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<tr>
<td>2106</td>
<td>Food Safety Issues in China and Its Impact on U.S. Markets through Trade Room 406</td>
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<tr>
<td>2107</td>
<td>The Federal Policy Role in Today’s Food and Agricultural Markets Room 407</td>
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<tr>
<td>2108</td>
<td>Experimental Evidence on Market Behavior and Investments Room 408</td>
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<tr>
<td>2109</td>
<td>Food Security and Consumption Room 409</td>
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<tr>
<td>2110</td>
<td>Informational Impacts on Beef and Pork Purchases Room 410</td>
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### NAREA Sessions

| 2111                      | Agricultural Productivity Analysis and the Dairy Industry Room 319 |
| 2112                      | Pest Control and Pesticide Resistance Room 320 |
| 2113                      | Uncertainty and Risk Management Room 321 |
**Meeting Schedule**

### Tuesday, July 26

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<tr>
<td>6:30 pm–7:30 pm</td>
<td><strong>AAEA Galbraith Forum</strong></td>
<td>David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC</td>
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<tr>
<td>7:30 pm–9:00 pm</td>
<td><strong>Closing Reception</strong></td>
<td>David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC</td>
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### Wednesday, July 27

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<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am–7:00 pm</td>
<td><strong>Post-conference Tour: Agricultural and Food Industry Tour</strong></td>
<td>Westin Lobby</td>
</tr>
<tr>
<td>8:00 am–12:00 pm</td>
<td><strong>Post-conference Workshop: Research and Extension Data Needs for Addressing Local Food and Farm Recreational Issues</strong></td>
<td>Westin, Second Floor, Westmoreland Room</td>
</tr>
</tbody>
</table>
AAEA Posters: Monday, 3:00 pm–4:30 pm

**Poster Tour: M1–M5**

Research on the Economics of Food Safety and Nutrition
See how food safety, nutrition, and diet information are affecting consumer preferences and food choices.

**Presentations:**

“Order This, Not That”: Does Nutrition Information on Restaurant Menus Influence Food Choice?
Brenna Ellison and Jayson Lusk, Oklahoma State University

The Role of Advertising and Program Modernization in the Growth of the SNAP Caseload
Stacy Dickert-Conlin, Michigan State University; Katie Fitzpatrick and Laura Tiehen, USDA-Economic Research Service

The Impact of the 2006 E.Coli Spinach Outbreak on Acreage Decisions under Uncertainty
Belinda Acuna Mohr, FDA-Center for Food Safety and Applied Nutrition

Point-of-Sale Nutrition Information and the Demand for Ready-to-Eat Cereals
Chung-Tung Jordan Lin, U.S. Food and Drug Administration; Zhifeng Gao and Jong-Ying Lee, University of Florida

Weight Control Strategies and Diet Quality
Chung-Tung Jordan Lin, U.S. Food and Drug Administration; Zhifeng Gao and Jong-Ying Lee, University of Florida

**Poster Tour: M6–M10**

Land Allocation
The posters in this tour deal with land allocation decisions including effects of CRP, biofuel production mandates, local land use policies, and potential impacts of the ACRE program on small farms.

**Presentations:**

The Implications of Binding Farm Program Payment Limits Associated with Income Means Testing
Feng Qiu and Barry Goodwin, North Carolina State University

Does the Limited Base Acre Provision in the 2008 Farm Act Affect Small Farms?
Christine Arriola, Barry Krissoff, and Edwin Young, USDA-Economic Research Service

Evaluation of the Conservation Reserve Program: Farmland Reallocation and Slippage
Shinsuke Uchida, University of Maryland

Farmer Participation to the Conservation Reserve Program and Biofuel Production under Uncertainty and Irreversibility
Luca Di Corato, Maitreyi Mandal, and Carl Lagerkvist, Swedish University of Agricultural Sciences

Modeling Acreage Response and U.S. Farm Policy in a New Market Environment
Joseph Cooper, USDA-Economic Research Service; Barry Goodwin and Nicholas Piggott, North Carolina State University

**Poster Tour: M11–M15**

Efficiency, Productivity, and Technology Adoption
Agriculture remains a very dynamic industry, with constantly evolving technology and inputs. In developing countries, small farmers face additional constraints when considering the adoption of new technologies and more efficient production processes. The posters in this tour examine technical efficiency in agriculture, as well as productivity and technical change.

**Presentations:**

Assessing Domestic Demand for Organic and ‘Locally Grown’ Produce on an ‘Organic Island’: Dominica’s Dilemma
Kathryn Boys, David B. Willis, and Seraphine George, Clemson University

Agricultural Efficiency, Malaria Incidence and Health Expenses
Ousmane Badiane and John Ulimwengu, International Food Policy Research Institute

Assessing Complementarities among Farm Machineries through Farmers’ Investment Behaviors under an External Capital Injection—Implications on Agricultural Mechanization and Tractorization in Sub-Saharan Africa
Hiroyuki Takeshima and Sheu Salau, International Food Policy Research Institute

Technical Efficiency of Resource Conserving Technologies in Rice Wheat Systems: Case of Bihar and Eastern Uttar Pradesh in India
Khong Tien Dung, University of the Philippines; Valerien Pede, International Rice Research Institute; Samarendu Mohanty, International Rice Research Institute

Supermarkets, Farm Capital, and Technology Choices: A Duration Analysis of Horticultural Growers in Nicaragua
Ricardo Hernandez and Thomas Reardon, Michigan State University

**Poster Tour: M16–M20**

Aspects of Land Use
The posters in this tour discuss land use, productivity, technology, and externalities.

**Presentations:**

Biofuels, Climate Policy, and Water Management: Assessing Policy-induced Shifts on Agriculture’s Intensive and Extensive Margins
Justin Baker and Brian C. Murray, Duke University; Bruce McCarl, Texas A&M University
Modeling the Effects of Open Space on Private Land
Katherine Zipp, University of Wisconsin; David Lewis, University of Puget Sound; Robert Provencher, University of Wisconsin

Modeling Land Use Allocation with Mixed-level Data: An Econometric Analysis for the Democratic Republic of the Congo
Man Li, Alessandro De Pinto, Liangzhi You, John Ulmewengu, and Ricky Robertson, International Food Policy Research Institute

An Economic Analysis of Water Infrastructure Investments, Agricultural Productivity, and Climate Change in the Mekong Delta: Adapting to Increased Salinity and Sea Level Rise
David Corderi Novoa, Jeffrey Williams, Richard Howitt, and Jay Lund, University of California, Davis

Input Price Risk and the Adoption of Conservation Technology
Karina Schoengold, University of Nebraska

**Poster Tour: M21–M25**

**Carbon Emissions and Carbon Offsets**
This group of posters focuses on the economics and policy relating to carbon emissions and carbon offsets in relation to agriculture and natural resources.

**Presentations:**
The Trade-off between Bioenergy and Emissions When Land Is Scarce
Nathan Kauffman and Dermot J. Hayes, Iowa State University

Global Land Use Changes and Consequent CO₂ Emissions Due to U.S. Cellulosic Biofuel Program
Wallace Tyner and Farzad Taheripour, Purdue University

Carbon Offset Revenue Potential from Adopting Biotechnology: The Case of Sweet Corn
Lawton Nalley, Michael Popp, Jada Thompson, and Zara Niederman, University of Arkansas

Funding Agricultural Carbon Offset Retirements with Carbon Tax Revenue to Reduce State Level Carbon Footprint
Michael Popp and Lawton Nalley, University of Arkansas

Impacts of CO₂ Emission Policies on Food Supply Chains: An Application to the U.S. Apple Sector
Jun Lee and Miguel Gomez, Cornell University

**Agricultural Finance & Farm Management**

Comparison of Alternative Sources of Farmland Values
Christopher Zakrewicz and B. Wade Brorsen, Oklahoma State University; Brian Briggeman, Federal Reserve Bank of Kansas City

M27 Estimating the Change in Total Production Expenses for the Major Row Crops as Fuel Prices Change
Gregory Ibendahl, Mississippi State University

M28 Agricultural Bank Failures during the Financial Crisis
Sangjeong Nam, Nicholas Paulson, and Paul El linger, University of Illinois at Urbana-Champaign

Jordan Shockley, Carl Dillon, and Timothy Woods, University of Kentucky

M30 Assessing the Rationality of Farmland Price Movements
Cody P. Dahl, Michael Gunderson, and Charles Moss, University of Florida

M31 Economic Feasibility of Converting Cow Manure to Electricity: A Case Study of the Cow Power Program in Vermont
Qingbin Wang, Ethan Thompson, Robert Parsons, and Glenn Rogers, University of Vermont; David Dunn, Central Vermont Public Service

M32 Too Connected to Fail: The Effect of Social Networks on Farm Survival
Andrea Martens and Barrett Kirwan, University of Illinois at Urbana-Champaign

M33 Parental Motivation in Family Farm Intergenerational Transfers
Kelly Lange, Jeffrey Johnson, Phillip Johnson, Darren Hudson, and Eric J. Belasco, Texas Tech University

M34 Comparison of Survey Results from Land Value and Rental Surveys: Differences and Synthesis
Ward Nefstead, University of Minnesota

**Behavioral Economics**

M35 Modeling Agricultural Risk, Risk Preferences, and Perceptions
Zhengfei Guan and Feng Wu, Michigan State University

M36 The Impact of Different Political Schemes on the Willingness-to-Invest, Firm Profitability, and Economic Efficiency in the Dairy Sector—An Analysis under Consideration of Competition and Real Options Effects
Jan-Henning Feil and Oliver Mußhoff, Georg-August-Universität Göttingen; Alfons Balmann, Leibniz Institute of Agricultural Development in Central and Eastern Europe
AAEA Posters: Monday, 3:00 pm–4:30 pm

M37 Factors Influencing Job Choice among Agricultural Economics Professionals
Katherine McGraw, Jennie Popp, and Bruce Dixon, University of Arkansas; Doris Newton, USDA-Economic Research Service

M38 Trust and Trustworthiness in Post-disaster Environments: Evidence from Experiments in Chile
David A. Fleming and Hernan D. Bejarano, Pennsylvania State University

M39 Transcending the Limitations of Environmental Economic Framing: Toward a Metaeconomics of Environmental Choice
Natalia V. Czap and Hans J. Czap, University of Michigan at Dearborn; Marianna Khachaturyan, Gary D. Lynne, and Mark Burbach, University of Nebraska

Environmental & Nonmarket Valuation

M40 A Spatiotemporal Fixed Effects Estimation of U.S. State-level Carbon Dioxide Emissions
J. Wesley Burnett and John C. Bergstrom, University of Georgia

M41 First in Class? Relative Performance of Latent Class, Conditional Logit, and Nested Logit RUM
Min Chen and Frank Lupi, Michigan State University

M42 Rider Preferences and Values of Equestrian Trail Characteristics in Kentucky
Marie Pelton, Wuyang Hu, and Angelos Pagoulatos, University of Kentucky

Experimental Economics

M43 Credible Food Safety Certification: Results of Poultry Market Field Experiments
Jennifer Ifft, David Roland-Holst, and David Zilberman, University of California, Berkeley

M44 Initial Endowment Effects in Multi-unit Auctions
Faical Akaichi and Rodolfo M. Nayga Jr., University of Arkansas; Jose Gil, Centre de Recerca en Economia i Desenvolupament Agroalimentari

M45 A Non-hypothetical and Incentive Compatible Method for Estimating Consumer Willingness-to-Pay for a Novel Functional Food: The Case of Pomegranates
Callie P. McAdams, Marco A. Palma, Ariun Ishdorj, and Charles R. Hall, Texas A&M University

Food & Agricultural Marketing

M46 Does Price Asymmetry Exist in Commodity and Energy Markets?
Sarah E. Wixson and Ani L. Katchova, University of Kentucky

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M49 Fresh Produce Imports Affect U.S. Consumption and Prices
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M50 The Impact of Country of Origin Label on Consumers’ Willingness-to-Pay for Organic Food
Jing Xie, Zhifeng Gao, Xin Zhao, and Marilyn E. Swisher, University of Florida

M51 Broiler Consumption in a Transition Economy: An Application of Quantile Regression to Household Expenditure Analysis in Poland
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M52 The Economic Impact of New Technology Use in the U.S. Apple Industry
Nichole L. Busdieker, Lia Nogueira, Hayri Onal, and David S. Bullock, University of Illinois at Urbana-Champaign

M53 The Value of Genetic Information to Bull Buyers: A Combined Revealed, Stated Preference Approach
Mallory K. Vestal and Jayson Lusk, Oklahoma State University

Food Safety & Nutrition

M54 The Relationship of Supermarket Access to the Price and Nutritional Quality of Household Purchases
Adam N. Rabinowitz, University of Connecticut

M55 Academic Performance and Childhood Misl nourishment: A Quantile Approach
Kristen Capogrossi and Wen You, Virginia Tech

M56 Factors Affecting School Meal Participation
Lindsey Turner and Lisa M. Powell, University of Illinois at Chicago; Katherine Ralston, USDA-Economic Research Service

M57 Can Conventional Crop Producers Also Benefit from Bt Technology?
Zhe Dun and Paul Mitchell, University of Wisconsin
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**Poster Tour: T1–T5**

**Spatial Models of Demand**
The posters in this tour explicitly incorporate the spatial dimension of prices in their analysis.

**Presentations:**
Spatial Pricing Patterns of Cellulosic Biomass under Oligopsony—A Multi-agent Simulation Model
Subbu Kumarappan, The Ohio State University

What Does Market Tell Us about Basis?
Olga Isengildina-Massa, Matthew Fisher, Charles E. Curtis, and Kathryn Boys, Clemson University

Estimation of Asymmetric Price Adjustment in the U.S. Soybean Trade Using Rolling TAR: The Relation with Market Structure
Toru Nakajima, University of Tokyo

Basis Effects of Ethanol Plants in Illinois
Elizabeth Miller, Mindy L. Mallory, and Kathy Baylis, University of Illinois at Urbana-Champaign

Relationship between Spatial Price Transmission and Geographical Distance in Brazil
Karla Hernandez-Villafuerte, Georg-August-Universität Göttingen

**Poster Tour: T6–T10**

**The Benefits and Costs of Land Use and Agricultural Policies**
Land use and agricultural policies affect the private returns to the landowner as well as having off-site benefits and costs. The posters in this tour present benefit and costs studies from a diverse group of realized and proposed land use and agricultural policies. The policies investigated range from highly localized to national to international programs, and include research in both the United States and the EU.

**Presentations:**
Matthew H. Chadourne, Seong-Hoon Cho, and Roland K. Roberts, University of Tennessee

Assessment of Environment Impact of CAP Reforms on European Agricultural Production Efficiency
Amilcar Serrao, Evora University

Does the Adoption of Green Technologies Alter Farmer Profitability?
Jayson Beckman and Allison Borchers, USDA-Economic Research Service

Consumers’ Willingness-to-Pay for Perennial Grass Conversion to Renewable Energy in South Central Minnesota
Matthew V. Pham, The Ohio State University

Energy Efficiency and Shadow Costs of Energy Saving in Conventional Crop Production: The Case of Czech Wheat Production
Jarmila Curtiss, Leibniz Institute of Agricultural Development in Central and Eastern Europe; Ladislav Jelinek, Institute of Agricultural Economics and Information

**Poster Tour: T11–T15**

**U.S. Seafood Imports—Agricultural Trade Agreements**
This tour includes posters that focus on two topics: three posters on U.S. imports of seafood and two posters on agricultural trade agreements.

**Presentations:**
Sensitive Product Treatment in Agricultural Trade Negotiations: Western Hemisphere Bilateral Trade Agreements
Alvaro Durand-Morat, Eric J. Wailes, and Misti Sharp, University of Arkansas

Asymmetries in the Log-linear Gravity Model: Implications for the Estimation of the Gains from Bilateral Trade Agreements
Rachidi Kotchoni and Bruno Larue, Université Laval

Short- and Long-run Effects of Seafood Imports on Domestic Price
Youngjae Lee, P. Lynn Kennedy, and Brian Hilbun, Louisiana State University

U.S. Seafood Exports and HACCP Regulatory System
Xiaoqian Li and Sayed Saghaian, University of Kentucky

Food Import Refusals: Effects and Implications for Seafood Trade
Kathy Baylis, Lia Nogueira, and Kathryn Pace, University of Illinois at Urbana-Champaign

**Poster Tour: T16–T20**

**Production Economics: Empirical Modeling and Estimation**
This poster tour includes works that reflects current state-of-art research in the area of production economics.

**Presentations:**
Local Geography of Row-crop Quality Land and Cropland Cash Rental Rates
Xiaodong Du, University of Wisconsin; David Hennessy, Iowa State University

Globally Flexible Modeling of County Level Acreage Response for Primary U.S. Field Crops
Joseph Cooper and Carlos Arnade, USDA-Economic Research Service

Impact of Adoption of Improved Groundnut Varieties on Factor Demand and Productivity in Uganda
Gracious M. Diiro and Abdoul Sam, The Ohio State University
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Effects on Milk Supply of Different Systems of Livestock Feeding
Valero L. Casasnovas and Ana M. Aldanondo, Public University of Navarre

Impact of a Corn Stover Market on Corn and Soybean Production: Empirical Estimation
Lyubov Kurkalova, North Carolina A&T State University

Poster Tour: T21–T25

Risk Preferences and Attitudes on U.S. Farms
The posters in this tour evaluate risk preferences and attitudes on U.S. farms through the evaluation of survey and field data, as well as estimating farm choices under uncertainty.

Presentations:
An Estimable Model of Farmer Choice with Observed Price, Weather, and Pest Expectations
Brian Dillon, Cornell University

Risk Attitude and the Structure of Decision Making: Evidence from the Hog Industry
Jason Franken, University of Missouri; Joost Pennings, Universiteit Maastricht; Philip Garcia, University of Illinois at Urbana-Champaign

Consumer Risk Reactions to Food Product-harm Crises over Time: Evidence from Cross-cultural Field Studies
Nikos Kalogeras, Maastricht University; Joost Pennings, Universiteit Maastricht; Koert van Ittersum, Georgia Tech

Do Farmers Choose the Number of Landlords As a Way to Deal with Risks? Evidence from U.S. Household Level Data
Feng Qiu, North Carolina State University

The Risk Attitudes of U.S. Farmers
Brian E. Roe, The Ohio State University

Agribusiness Economics & Management

T26 Content Analysis of Food Advertising and Marketing Techniques during Children’s Television Programming on the Internet
Daniel Staley, Jerrod Penn, and Sayed Saghaian, University of Kentucky

T27 A Study on the International Marketing and Branding Strategies of Taiwan’s Phalaenopsis Orchid Industry
Chia-Hsun Wu, Chun-Hua Institute of Economic Research; Ching-Cheng Chang, Academia Sinica

T28 Multi-stakeholder Alliances on Agri-food Chain Sustainability: A Framework for Future Research
Domenico Dentoni, Wageningen University; Christopher Peterson and Thomas Reardon, Michigan State University

T29 The Price of Disclosure in the Thoroughbred Yearling Market
C. Jill Stowe, University of Kentucky; Emily J. Plant, University of Montana

T30 Protection of Intellectual Property While Outsourcing
Rajarshi Sen Gupta and H. Alan Love, Texas A&M University

T31 Household Grocery Shopping Destination Allocations: Have Local Stores Caught on with the Rise of Local Foods?
Guzhen Zhou and Wuyang Hu, University of Kentucky; Marvin Batte, The Ohio State University; Timothy Woods, University of Kentucky; Stanley Ernst, The Ohio State University

Demand & Price Analysis

T32 Measuring an Inverse Demand System and Consumer Welfare
Kuo S. Huang, USDA-Economic Research Service

T33 Demand for Food of Indonesian Households: Evidence from Longitudinal Data
Evita H. Pangaribowo, University of Bonn

T34 The Market AIDS and the Decline in Farm Value Shares
Albert Reed, USDA-Economic Research Service

T35 Imperfect Information and the Reserve Price Dynamics in Auctions
Jafar Olimov, The Ohio State University

T36 How Do Smoking Bans in Bars/Restaurants Affect Alcohol Consumption?
Aycan Koksal and Michael Wohlgenant, North Carolina State University

T37 Price Elasticities of Demand for Food Away from Home
J. William Levedahl, USDA-Economic Research Service

T38 Consumer Preferences for Attributes of Organic Processed Foods: The Case of Soymilk in the United States
Yue Zheng, Hikaru Peterson, Xianghong Li, and Robert Burton, Kansas State University

T39 Alcohol Consumption: Tax Instrumental Variables in Quadratic Almost Ideal Demand System (QUAIDS)
Theepakorn Jithitikulchai, Texas A&M University

T40 On the Feasibility of Fortifying American Processed Cheese with Omega-3 Fatty Acids
Yasser Bouhial and Oral Capps Jr., Texas A&M University

T41 Sino-U.S. Price Transmission in Agricultural Commodities: How Important Are Exchange Rate Movements?
Maria Erlinda Mutuc, Suwen Pan, and Darren Hudson, Texas Tech University
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T42 Food Demand Analysis: A New Perspective—The Case of Paraguay
Stefania Di Giuseppe, University of Rome

T43 Revisiting the Palm Oil Boom: An Examination of Consumption in the Edible Oils Complex
Daniel J. Sanders and Joseph V. Balagtas, Purdue University; Guillaume Gruere, International Food Policy Research Institute

T44 Inside the Black Box: The Price Linkage and Transmission between Energy and Agricultural Markets
Xiaodong Du, University of Wisconsin; Lihong McPhail, USDA-Economic Research Service

T45 Produce Sourcing and Transportation Cost Effects on Wholesale Fresh Fruits and Vegetable Prices
Edward Roeger and Ephraim Leibtag, USDA-Economic Research Service

Food & Agricultural Policy Analysis

T46 Where Are the Veterinarian Shortage Areas Anyway?
Tong Wang, David Hennessy, and Annette M. O'Connor, Iowa State University

T47 Preparedness for Bioterrorism Events in the Grains and Oilseeds Sector
Eric J. Wailes, Rita Carreira, Diana Danforth, and Vivek Nemane, University of Arkansas

T48 Bias and Scale Effects of Decoupled Farm Payments
Samiul Haque and Roman Keeney, Purdue University

T49 A Misguided Tobacco Policy? Public Policy and Consumption Substitutability between Cigarettes and an Important Smokeless Tobacco Alternative
Jennifer A. Maki, North Carolina State University

T50 Media Advertising and Ballot Initiatives: An Experimental Analysis
Timothy Richards, William Allender, and Di Fang, Arizona State University

T51 How Did External Pressures Change Japan’s Protectionist Farm Policies, from the Uruguay Round to TPP?: A Surplus Transformation Curve (STC) Analysis
Katsumi Arahata, Gifu University

T52 Improved Seed, Genetic Diversity, and Risk Exposure in Maize-based Systems: The Case of Two Drought-prone Districts in Ethiopia
Brian Chiputwa, Genti Kostandini, and Cesar Escalante, University of Georgia

T53 Commercial Citrus or a Really Big Backyard? Small Citrus Growers and Their Effect on Citrus Pest Populations in California
Kelly A. Grogan, University of Florida

T54 Disaggregation of Food Demand Elasticities for Global Policy Modeling
Nicholas Magnan and Daniel Mason D’Croz, International Food Policy Research Institute

T55 Effects of Amendments to H-2A Rules on Use of H-2A Program in Tobacco Growing States
Shiferaw T. Feleke, Jane H. Starnes, and Kelly J. Tiller, University of Tennessee

T56 Measuring the Impact of Immigration Reform on U.S. Agriculture
Amber Remble and Roman Keeney, Purdue University

T57 Biomass Supply from Alternative Cellulosic Crops and Crop Residues: A Spatial Bioeconomic Modeling Approach
Aklesso Egbendewe-Mondzozo and Scott M. Swinton, Michigan State University; César R. Izurralde, University of Maryland; David H. Manowitz and Zhang Xuesong, Joint Global Change Research Institute

T58 The Effect of the State Retail Milk Price Control on the Performance of Fluid Milk Industry in the Northeastern United States
Yuliya Bolotova and Andrew Novakovic, Cornell University

T59 Up in Smoke? Tobacco Production’s Effect on Stunting in Malawi
Benjamin Wood, University of Illinois at Urbana-Champaign

Household & Labor Economics

T60 Anatomy of Stigma Behavior: Social Influence and Relative Concern
Xi Chen, Cornell University; Xiaobo Zhang, International Food Policy Research Institute; David Sahn, Cornell University

T61 Threshold Effects on Inter-sectoral Migration of U.S. Farm Labor
Gulcan Onel and Barry Goodwin, North Carolina State University

T62 Gender Gap of Homeownership in Ecuador
Jennifer Twyman and Carmen Diana Deere, University of Florida

International Trade

T63 Habit Effects and Producer Welfare in the Fresh Vegetable Trade
Peyton Ferrier, USDA-Economic Research Service; Chen Zhen, RTI International

T64 Should the United States Amend Its Restrictions on Exporting High-tech Products to China?
Hailong Jin and Tong Wang, Iowa State University
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Myriah Johnson, David P. Anderson, and Henry Bryant, Texas A&M University |
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| T66 | World Markets of Vertically Differentiated Agricultural Commodities: A Case of Soybean Markets  
Koichi Yamaura and Tian Xia, Kansas State University |
| T67 | Has Exchange Rate Volatility Affected Broiler Trade Flows?  
Andrew Muhammad, USDA-Economic Research Service; David Karemera, South Carolina State University; David Harvey and Christopher Davis, USDA-Economic Research Service |
| T68 | The Impact of Regulating Greenhouse Gas Emissions on U.S. Cattle Industry and Trade Competitiveness  
Man-Keun Kim, Utah State University; Arwin Pang, University of Nevada, Reno |
| T69 | Recent U.S. and China Trade Issues  
Stephen Devadoss and Xiaoxue Du, University of Idaho |
| T70 | Effect of Trade Liberalization on Price Transmission to Ugandan Coffee Growers  
Mark Musumba and Rajorshi Sen Gupta, Texas A&M University |
| T71 | Trade Costs in U.S. Food Manufacturing Industries  
Qian Wu and Munisamy Gopinath, Oregon State University |
| T72 | Brazilian Biofuels Policies and Impacts on World Agricultural Trade  
Silvânia Helena Galvão de Miranda, University of São Paulo; David Blandford and Dave Abler, Pennsylvania State University |
| T73 | Constructing a Regulatory Heterogeneity Index to Analyze Standards and Regulation in International Agri-Food Trade—The Case of Maximum Residue Levels  
Rosane Nunes de Faria, Federal University of São Carlos; Heloisa Lee Burnquist, University of São Paulo; Marie-Luise Rau and Karl Shutes, Wageningen University; Maurício Jorge Pinto de Souza, University of São Paulo |
| T74 | An Ex-ante Economic Impact Analysis of Marker Assisted Selection (MAS) Breeding in Canola  
Rohit Singla and Anwar Naseem, McGill University |
| T75 | Do Organizational and Leader’s Characteristics Affect Scientist’s Productivity? A Multilevel Analysis of Nigerian Agricultural Research System  
Catherine Ragasa, International Food Policy Research Institute |
| T76 | Climate Impact on Agricultural Efficiency  
Federico J. Trindade, University of Nebraska |
| T77 | An Analysis of the Impact of World Crude Oil Price Fluctuations on “Farm Energy Input Prices” in Nebraska—A Vector Error Correction Model Time Series Approach  
Kepifri Lakoh, University of Nebraska |
| T78 | Brazilian Agricultural Productivity and Policy  
Nicholas Rada, USDA-Economic Research Service; Steven Buccola, Oregon State University |

### Resource & Environmental Policy Analysis

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Michael Delgado and Neha Khanna, Binghamton University |
| T80 | Read the Label! Energy Star Appliance Awareness and Uptake among U.S. Consumers  
Anthony G. Murray and Bradford Mills, Virginia Tech |
| T81 | Dynamic Interaction between Income and SO₂ Emission in United States  
Man-Keun Kim, Utah State University; Tun-Hsiang Yu, University of Tennessee |
| T82 | Adoption of Pollution Prevention Technology: The Role of Information Spillover and Voluntary Program Participation  
Xiang Bi, George Deltas, and Madhu Khanna, University of Illinois at Urbana-Champaign |
| T83 | The Determinants of the Municipality’s Decision to Implement Recycling in Japan: Socio-economic and Technological Factors  
Takehiro Usui and Mitsuko Chikasada, Soka University |
| T84 | Solving the Problem of Sustainable Use of Bt Crops  
Zhe Dun and Paul Mitchell, University of Wisconsin |
| T85 | The Economic Growth Impacts of Sugarcane Expansion in Brazil: An Inter-regional Analysis  
Annelies Deuss, Carnegie Mellon University |
| T86 | The Impact of Gasoline Prices on Internet Purchases  
Andrea Martens, University of Illinois at Urbana-Champaign |
| T87 | Spatially Explicit Estimates of Crop Rotation Responses  
Nathan P. Hendricks and Daniel Sumner, University of California, Davis |
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<td>Economic, Transportation, and Environmental Benefits of Living Snow Fences</td>
<td>David Smith, University of Minnesota</td>
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<tr>
<td>T90</td>
<td>Combining Supply and Demand Estimates for Ecosystem Services from Cropland</td>
<td>Shan Ma, Scott M. Swinton, and Frank Lupi, Michigan State University</td>
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<td>T91</td>
<td>Can Voluntary Programs Resolve China’s Environmental Crisis?</td>
<td>William McGuire, The Ohio State University</td>
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<td>T92</td>
<td>Feedlots, Air Quality, and Dust Control-benefit Estimation</td>
<td>Chin-Hsien Yu, Texas A&amp;M University; Seong Park, Texas AgriLife Research; Bruce McCarl and Stephen Amosson, Texas A&amp;M University</td>
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<td>T93</td>
<td>Efficiency and Market Power in ITQ Fisheries</td>
<td>Rebecca Cleary and Katherine Zipp, University of Wisconsin</td>
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<td>T94</td>
<td>An Economic Analysis of Water Quality in the Raccoon River Watershed in Iowa</td>
<td>Sampath Jayasinghe, Iowa State University; David Miller, Iowa Farm Bureau Federation</td>
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<td>T95</td>
<td>Measuring Technical Efficiency in a Small-scale Fishery</td>
<td>Sergio Colin-Castillo, Texas A&amp;M University</td>
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<td>T98</td>
<td>Analysis of Elderly In-migrants in Tennessee</td>
<td>Xia Zhou, Christopher Clark, and Dayton M. Lambert, University of Tennessee</td>
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<td>T99</td>
<td>The Case of the Tasmanian Southern Rock Lobster Fishery</td>
<td>Domenico Dentoni, Wageningen University</td>
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<td>T100</td>
<td>POET—The Economics of Biomass Procurement</td>
<td>Kevin Kimle, Iowa State University; Georgeanne Artz, University of Missouri</td>
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<tr>
<td>T101</td>
<td>Cost of Reducing Conflict and Increasing Food Security: A Case Study on Sudan</td>
<td>Rajorshi Sen Gupta, Shahrir Kibriya, and Edwin Price, Texas A&amp;M University</td>
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Concurrent Sessions, Monday, 10:15 am–11:45 am

1001  **Agri-food Sustainability and Its Relationship to Firm Strategy and Performance**  
*David L. Lawrence Convention Center, Room 303*

**AEM Section Track Session**
Sustainability initiatives are now commonplace within the value chains of many agri-food companies. Although considerable research has been conducted to describe these initiatives and the motivation for their implementation, less attention has been paid to evaluate their effect on firm performance. This session examines this important issue. In particular, this session examines the role that sustainability initiatives play in large public agri-food companies, new entrepreneurial startups and at companies at particular stages of the agri-food supply chain. Furthermore, the economic impact of sustainability initiatives is evaluated for each of these firm categories.

**Organizer:** R. Brent Ross, Michigan State University  
**Discussants:** Fabio Chaddad, University of Missouri; Thasanee Satimanon, Michigan State University  
**Presentations:**  
Does Sustainability Pay? Sustainability As a Source of Competitive Advantage for Public Agri-food Companies  
Vincent Amanor-Boadu, Kansas State University  
Sustainability As a Source of Economic Development: The Case of Transform  
R. Brent Ross and Christopher Peterson, Michigan State University  
Sustainability Strategies in Agribusiness: Understanding Key Drivers, Objectives, and Actions  
Allan Gray, Amber Rankin, Michael Boehlje, and Corinne Alexander, Purdue University

1002  **Navigating the Job Search Process**  
*David L. Lawrence Convention Center, Room 304*

**GSS Track Session**
A panel of representatives will discuss the various angles of the job search process. Particularly, two representatives on our panel are on the interviewing side of the process, with one representing academia and the other representing government/industry. These panelists will walk the audience through the process from “behind the curtain,” so that audience members gain an understanding of the interview process works from the inside. The panelists are expected to share what they look for when sitting down to interview potential employees. Our last panelist has recently completed the interviewing process, will provide their perspective on the process.

**Organizer:** Patrick Ward, Purdue University  
**Moderator:** Patrick Ward, Purdue University  
**Panelists:** Elizabeth A. Yeager, Kansas State University; Marca Weinberg, USDA-Economic Research Service; Gregory Perry, Oregon State University

1003  **Marketing Sustainability: Demand Side, Supply Side, and Welfare Aspects**  
*David L. Lawrence Convention Center, Room 305*

**CWAE and FAMPS Track Session**
The objective of this session is to provide insights into determinants of consumer behavior and their possible impact on sustainability. Presenters will report whether consumers wish to have groceries labeled with carbon and water footprints, on the effectiveness of cause-related marketing is a tool to arrive at the different pillars of sustainability (e.g., product campaigns to reduce soil degradation in lesser developed countries), and methodologies to construct decision rules for food manufactures regarding whether they should launch a new sustainable product or not.

**Organizer:** Carola Grebitus, University of Bonn  
**Moderator:** Gregory Colson, University of Georgia  
**Discussant:** Gregory Colson, University of Georgia  
**Presentations:**  
Assessing the Impact of Consumer Choices on Fresh Produce to Sustainability  
Yuko Onozaka, University of Stavanger; Dawn Thilmany McFadden, Colorado State University  
Cause-related Marketing: A Tool to Arrive at Sustainability?  
Nina Langen and Carola Grebitus, University of Bonn  
Consumer Attitudes towards Environmental Footprints—Evidence from Canada  
Carola Grebitus, University of Bonn; Bodo Steiner and Michele Veeman, University of Alberta  
Game Theory for Decision Making in Launching a New Sustainable Product  
Thasanee Satimanon, Thomas Jeitschko, and Dave Weatherspoon, Michigan State University
1004 Research and Diffusion of Tolerance Cultivars in Developing Countries: What Can We Learn from Projects to Develop Drought Tolerant Crops in Asia (Rice) and Sub-Saharan Africa (Maize)?
David L. Lawrence Convention Center, Room 310
International Section Track Session
Most of the world's poorest live in rural areas, characterized by uncertain rainfall, low levels of input use, and low returns to yield and labor. Farmers in these risky production environments often face drought that interacts with variety of other agronomic stresses to reduce yields and push them deeper into poverty and hunger. This session covers topics related to adoption, dissemination, and returns to specific risk-mitigating cultivars in Asia and Africa.

Organizer: Carl E. Pray, Rutgers, The State University of New Jersey
Moderator: Travis Lybbert, University of California, Davis
Presentations:
Adoption of Drought Tolerant Rice Cultivars in Asia in China, India, and Thailand: Potential Impact and Constraints
Carl E. Pray and Latha Nagarajan, Rutgers, The State University of New Jersey; Luping Li, Jikun Huang, and Ruifa Hu, Center for Chinese Agricultural Policy; Orachos Napasintuwong and K.M. Selvaraj, Tamil Nadu Agricultural University
Evaluating the Potential for the Dissemination and Adoption of Water-efficient Maize Cultivars in Africa
Timothy Dalton, Kansas State University
The Roll Out Strategies for Marketing and Dissemination of Stress Tolerance Cultivars in Asia and Africa
David Zilberman, University of California, Berkeley

1005 Meeting Fuel Mandates with Red Hot Markets
David L. Lawrence Convention Center, Room 311
Extension Section and Senior Section Track Session
The recent hiccups in global grain production and growing mandates for renewable fuels require further balancing supplies and demands. When stocks-to-use ratios indicate tight inventories and increasing demands from market-oriented and legislated uses continue to spur grain prices, there is a strong need for considering the policies and market forces that are triggering signals for global production and utilization. Examining current and projected utilization, supplies, and productive capacity in light of a changing global setting is the purpose of this symposium.

Organizer: Samuel M. Funk, Doane Advisory Services
Moderator: Samuel M. Funk, Doane Advisory Services
Presentations:
Short and Long Run Market Implications of the Renewable Fuel Standard
Samuel M. Funk, Doane Advisory Services
Feed Gold Nuggets to Cattle: The Case of $6.50 Corn
Nevil Speer, Western Kentucky University
Corn Producers, Ethanol Markets, and By-products: When 92 Million Acres of Corn Are Not Enough
Jamey Cline, National Corn Growers Association

1006 Rural China in the New Era: Subsidy, Credit, and Land
David L. Lawrence Convention Center, Room 315
China Section Track Session
This session examines the effect of recent policies on China’s rural sector. The first paper examines whether there are distorting subsidies in China’s agriculture. The second paper examines how rural subsidies are spent by farmers, utilizing a unique set of data on long-term household gift exchange records. The third paper uses a set of household data collected by People’s Bank of China to examine farmers’ credit choice between formal and informal credit market. The last paper investigates farmers’ willingness to buy or willingness to sell land use rights.

Organizer: Qiuqiong Huang, University of Minnesota
Moderator: Qiuqiong Huang, University of Minnesota
Presentations:
Search for Weapons of Mass Destruction, Two: Are There Distorting Subsidies in China’s Agriculture?
Scott Rozelle, Stanford University; Jikun Huang, Center for Chinese Agricultural Policy
Risk Rationing in China Rural Credit Markets
Calum Turvey and Sivlal Vararith Khantachavana, Cornell University; Rong Kong, Northwest A&F University
Why Does Household Social Spending Inflate So Much? Network Engagement and Market Access in Rural China
Xi Chen, Cornell University; Xiaobo Zhang, International Food Policy Research Institute
Farmers’ Choice and Informal Credit Markets in China
Yan Yuan and Ping Gao, Southwest University of Finance and Economics; Chaoming Wu, People’s Bank of China

1007 Solving the Healthy Eating Puzzle
David L. Lawrence Convention Center, Room 316
FSN Section Track Session
Health status and economic choice are interrelated, such that food intake depends on a wide set of socioeconomic and other external influencing factors that include personal and exogenous factors. This session includes three papers that estimate the impact of various influences on healthy eating. All studies utilize data from the National Health and Nutrition Examination Survey (NHANES). The empirical results of consumers’ food behavior and preferences affecting healthy eating are important to develop market forecasts and recommendations to research, industry and policy stakeholders.

Organizer: Christiane Schroeter, California Polytechnic State University, San Luis Obispo
Presentations:
The Impact of the Food Cost on Diet Quality
Andrea Carlson, Diansheng Dong, and Mark Lino, USDA-Economic Research Service
Food Culture and Healthy Eating
Christiane Schroeter, California Polytechnic State University, San Luis Obispo; Sven Anders, University of Alberta; Andrea Carlson, USDA-Economic Research Service
Weighting the Health Outcome of Eating Out
Biing-Hwan Lin and Jayachandran Varyiam, USDA-Economic Research Service
Concurrent Sessions, Monday, 10:15 am–11:45 am

**1008 Agricultural Sustainability in Developing Countries: Prospects for Agricultural Productivity Growth in China, Brazil, and Sub-Saharan Africa**
*David L. Lawrence Convention Center, Room 317*

**AAEA Organized Symposium**
The session features three papers that will examine agricultural productivity growth in three developing countries/regions—China, Brazil, and Sub-Saharan Africa, and will offer new perspectives on the prospects for sustainable growth in agricultural production in those regions.

**Organizer:** Sun Ling Wang, USDA-Economic Research Service  
**Moderator:** Virgil Ball, USDA-Economic Research Service  
**Discussants:** Lilyan Fulginiti, University of Nebraska; Andrew Toole, USDA-Economic Research Service; Eduardo Magalhaes, Datalyze Consulting Corp

**Presentations:**
- Recent Trend in China’s Agricultural Productivity Growth at Province Level  
  *Sun Ling Wang, Fred Gale, Lihong McPhail, and Agapi Somwaru, USDA-Economic Research Service*
- Productivity Growth and Structural Transformations of Brazilian Agriculture  
  *José Garcia Gasqués and Eliana Teles Bastos, AGE/Mapa; Mirian R. P. Bacchi, Cepeal USP; Constanza Valdes, USDA-Economic Research Service*
- Agricultural Productivity Growth in Sub-Saharan Africa: Policy and Government Investment  
  *Binxin Yu and Alejandro Nin Pratt, International Food Policy Research Institute*

**1009 Natural Resources and Economic Growth—Beyond Extraction, Farming, and Good Weather**
*David L. Lawrence Convention Center, Room 318*

**AAEA Organized Symposium**
Economic restructuring through the implementation of labor-saving technologies in agriculture and extraction-based industries and increased global competition in manufacturing has led to declining economic prospects related to natural resources for many U.S. regions, with the recession highlighting the permanence of these changes. The areas hardest hit are those without the advantage of good weather and where the natural amenities may no longer be pristine. This session explores how natural resources have supported and hindered growth in some of the United States’ most economically-distressed regions and how communities and individuals can adapt in order to generate sustainable, future growth.

**Organizer:** Heather Stephens, The Ohio State University  
**Moderator:** Maureen Kilkenny, University of Nevada, Reno  
**Discussants:** Maureen Kilkenny, University of Nevada, Reno; James M. Fannin, Louisiana State University

**Presentations:**
- Natural Resources and Economic Growth in the Great Lakes Region  
  *Heather Stephens and Mark Partridge, The Ohio State University*
- Examining the Effect of Natural-resource Dependent Economies on Dispersion Patterns of Out-migrants  
  *Stephan Goetz, Pennsylvania State University; Brady Deaton, University of Guelph; Lucas Schaeffer, Pennsylvania State University; Yicheol Han, Seoul National University*

**1010 Opportunities and Constraints in Developing Renewable Energy Options**
*David L. Lawrence Convention Center, Room 319*

**AARES Organized Symposium**
This session will present a series of papers describing some innovative opportunities for alternative energy production in a carbon-constrained economy as well as discussing some of the serious constraints associated with the introduction of new technology in energy production.

**Organizer:** Malcolm Wegener, University of Queensland  
**Moderator:** Malcolm Wegener, University of Queensland

**Presentations:**
- The Australian Sugar Industry’s Experience in Contributing to Renewable Energy Production  
  *Malcolm Wegener, University of Queensland*
- Economics of Biofuel Production from Genetically Modified Algae  
  *Liam Wagner, University of Queensland*
- The ZEROS Process for Converting Low-quality Carbon Material to Liquid Fuels  
  *Allan Jones, Texas Water Resources Research Institute; Steve Clark, ZEROS Technologies; M. Edward Rister and Ronald D. Lacewell, Texas A&M University*
- Low Carbon Innovations and New Growth Theory: Lessons for Policy Economists  
  *Sigmund Fritschy, Australian National University*
Concurrent Sessions, Monday, 10:15 am–11:45 am

1011 The Empirics of Economic Development in Agriculture
David L. Lawrence Convention Center, Room 329

AAEA Selected Paper Session
The papers in this session employ rigorous impact evaluation techniques to measure the casual impact in agricultural development. Topics include evaluation of agricultural extension services, of information (cell phone) access, of access to credit and training, and of formal savings as risk coping mechanisms.

Moderator: Jeffrey A. Flory, University of Maryland

Presentations:
The Impact of the Access to the Credit and Training on Technological Adoptions: A Case of the Rice Sector in Tanzania
Nakano Yuko, International Rice Research Institute; Kajisa Kei, International Rice Research Institute
Information and Firms’ Search Behavior
Jenny Aker, Tufts University; Jesse Tack, Mississippi State University
Development Effectiveness in the Midst of Drought: Evaluating Impacts of an Agricultural Extension Project in Nicaragua
Conner C. Mullally, University of California, Davis
What Really Happens to the ‘Poorest of the Poor’? A Field Experiment on Spillover Effects of Microfinance on Informal Safety Nets of the Ultra-vulnerable
Jeffrey A. Flory, University of Maryland

1012 Water Management
David L. Lawrence Convention Center, Room 330

AAEA Selected Paper Session
This session discusses the management aspects of surface and groundwater, including demand, institutions, hydrologic connectivity, and intertemporal dimensions.

Moderator: Kelly Cobourn, Boise State University

Presentations:
The Trade-off between Ecological and Agricultural Water Demand: Timing Is Everything
Tony Simpson, Jennifer Dripple, Marissa Watson, Ben Benson, and Jeffrey D. Mullen, University of Georgia
Multi-sector Trading for Cooperative Resource Management: An Application to Water Pollution and Fisheries
Richard D. Horan, Michigan State University; James S. Shortle, Pennsylvania State University
Economic and Groundwater Use Implications of Climate Change and Bioenergy Feedstock Production in the Southern Ogallala Aquifer Region
Weiwei Wang, Texas A&M University; Seong Park, Texas AgriLife Research; Bruce McCarl and Stephen Amosson, Texas A&M University
Dynamic Feedback between Surface and Groundwater Systems: Implications for Conjunctive Management
Kelly Cobourn, Boise State University

1013 Price Transmission and Market Integration
David L. Lawrence Convention Center, Room 401

AAEA Selected Paper Session
This session contains research on the transmission of prices from one market to another, whether those markets are spatially connected or connected via a supply chain.

Moderator: Jun Lee, Cornell University

Presentations:
Market Price Transmission for Rice in the Philippines: Test for Market Power and Government Program Effectiveness in Times of Food Crisis
Maria Christina Jolejole and Mindy L. Mallory, University of Illinois at Urbana-Champaign
A Pass-through Analysis of the Cotton Supply Chain
Jon Devine, Cotton Incorporated; Alejandro Plastina, International Cotton Advisory Committee
Ukraine’s Market Integration with International Wheat Markets: Some Evidence from Co-integration Analysis
Kateryna Goychuk and William Meyers, University of Missouri
Price Transmission Asymmetries and Nonlinearities in the International Coffee Supply Chain
Miguel Gomez and Jun Lee, Cornell University

1014 Grain Marketing Issues
David L. Lawrence Convention Center, Room 402

AAEA Selected Paper Session
This session will focus on grain marketing issues: storage backwardation, futures bid/ask spreads, and farmers disposition effect. A paper will also evaluate the impact of El Niño on food prices.

Moderator: Fabio Mattos, University of Manitoba

Presentations:
Commodity Storage under Backwardation: Does the Working Curve Still Work?
Kishore Joseph, Scott Irvin, and Philip Garcia, University of Illinois at Urbana-Champaign
Impact of El Niño on Staple Food Prices in East and Southern Africa
Fabien Tondel, Michigan State University; Tim Essam, University of Maryland
Do Farmers Exhibit Disposition Effect? Evidence from Grain Marketing
Fabio Mattos, University of Manitoba
Concurrent Sessions, Monday, 10:15 am–11:45 am

1015  U.S. Nutrition Support Programs  
David L. Lawrence Convention Center, Room 403

AAEA Selected Paper Session
These papers examine impacts of food prices and income on food insecurity and consumption patterns.

Moderator: David Davis, South Dakota State University

Presentations:
Should SNAP Benefits Be Indexed? Food Prices and Food Insecurity 2002–2006  
Christian A. Gregory, USDA-Economic Research Service
Impact of Income on Calorie and Nutrient Intakes: A Cross-country Analysis  
Matthew Salois, Richard Tiffin, and Kelvin Balcombe, University of Reading
The Effect of the Food Stamp Program on Energy Balance and Obesity  
Joanna C. Parks, Aaron Smith, and Julian Alston, University of California, Davis
Bidding for WIC Infant Formula Contracts: Do Non-WIC Customers Subsidize WIC Customers?  
David Davis, South Dakota State University

1016  Renewable Energy  
David L. Lawrence Convention Center, Room 404

AAEA Selected Paper Session
This session focuses on the economics and policy for renewable energy sources such as wind, bio-electricity, and anaerobic digestion.

Moderator: Karen Maguire, University of Colorado at Boulder

Presentations:
Which Biofuel Market Does the Ethanol Tariff Protect? Implications for Social Welfare and Biofuel Policy Objectives  
Christine L. Crago and Madhu Khanna, University of Illinois at Urbana-Champaign
Alternative Policies to Encourage the Adoption of Anaerobic Digesters on Livestock Operations  
Nigel Key and Stacy Sneeringer, USDA-Economic Research Service
Karen Maguire, University of Colorado at Boulder

1017  Economic Impacts of Climate and Policy  
David L. Lawrence Convention Center, Room 405

AAEA Selected Paper Session
This session examines the economic impacts of climate change and climate policies, including income effects and economic competitiveness.

Moderator: Xiaobing Zhao, Northern Arizona University

Presentations:
Modeling Agricultural Climate Policy in New Zealand: Estimating Co-benefits for Two Key Regional Catchments  
Adam Daigneault, Landcare
GHG Mitigation Policies in Livestock Sectors: Competitiveness, Emission Leakage, and Food Security  
Alla Golub, Purdue University; Benjamin Henderson, Food and Agriculture Organization of the United Nations; Thomas W. Hertel, Purdue University
Impact of Climate Change on Poverty in Laos  
Phouphet Kyophilavong, National University of Laos; Shinya Takamatsu, University of Minnesota
The Impact of CO₂ Emission Cuts on Income  
Xiaobing Zhao, Northern Arizona University

1018  Measuring WTP for Animal Welfare in Agricultural Production: The Role of Information and Preference Instruments  
David L. Lawrence Convention Center, Room 406

Invited Paper Session/IBES Track Session
The session will present and synthesize ongoing research efforts in evaluating public perceptions about and willingness to pay for “humane animal care” in agricultural production. The session is designed to address valuation methodologies pertinent to estimation of WTP in such public good contexts as animal welfare, biodiversity preservation, environmental quality, etc. Specifically, the roles of direct information treatments as well as implied information effects will be examined in the context of proper design and interpretation of results from survey based instruments and non-hypothetical experimental studies.

Organizer: Levan Elbakidze, University of Idaho
Moderator: Rodolfo M. Nayga Jr., University of Arkansas
Discussant: Ted Schroeder, Kansas State University

Presentations:
Effect of Video Information on Consumer Demand for Milk Production Attributes  
Glynn Tonsor, Kansas State University
The Effect of Information about Credence Attributes on Consumers’ Willingness-to-Pay for Animal Welfare: Evidence from Non-hypothetical Valuation Mechanisms  
Levan Elbakidze, University of Idaho; Rodolfo M. Nayga Jr., University of Arkansas
Preference Formation and Measurement in the Farm Animal Welfare Debate  
Franklin Norwood and Jayson Lusk, Oklahoma State University
Concurrent Sessions, Monday, 10:15 am–11:45 am

1019 Washington Policy Update by Chief Economists From the House and Senate Ag Committees
David L. Lawrence Convention Center, Room 407

Extension Session Track Session
Congress deals with a broad range of agricultural policy matters, ranging from long-standing, agriculture-specific issues such as commodity, conservation, and trade programs, to newer, cross-cutting issues such as energy and environmental regulation. The presenters will provide their perspectives on policy issues affecting agriculture based on their work for Congress, as well as perspectives on the development of the next farm bill. They also will seek comments and insights on issues from session attendees.

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

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

1020 Innovation, Technology Adoption, and Entrepreneurship in Agricultural Markets
David L. Lawrence Convention Center, Room 408

AAEA Selected Paper Session
Innovation and adoption of technology have played a critical role in increasing agricultural output. The papers in this session use a variety of unique data sets and methodological approaches to better understand the development of innovation, the adoption of technology, and entrepreneurial behavior.

Organizer: Kota Minegishi, University of Maryland
Moderator: Kelly A. Grogan, University of Florida

Presentations:
- Evaluating the Impact of Entrepreneurial Assistance Programs on Michigan Food Processor’s Behavior
  Adam Lovgren, Christopher Peterson, R. Brent Ross, and Roger Calantone, Michigan State University
- Livelihood Disruption and Venture Creation: Entrepreneurship as Technology Adoption, a Comparison between Kentucky and Shaanxi Farmers
  Sivalai Varathur Khantachavana and David R. Just, Cornell University; Helen Pushkarskaya, University of Kentucky
- Why Don’t Farmers Adopt Precision Farming Technologies in Cotton Production?
  Krishna Paudel, Ashok Mishra, and Mahesh Pandit, Louisiana State University; Eduardo Segarra, Texas Tech University
- Economics of Intensive Grazing in Dairy Production in the Mid-Atlantic
  James Hanson, Erik Lichtenberg, Kota Minegishi, and Dale Johnson, University of Maryland

1021 Productivity
David L. Lawrence Convention Center, Room 409

AAEA Selected Paper Session
This session includes papers that investigate various aspects of agricultural productivity.

Organizer: Kelly A. Grogan, University of Florida

Moderator: Joy Harwood, USDA-Farm Service Agency

Presentations:
- Are Organic Farmers Really Better Off Than Conventional Farmers?
  Hiroki Uematsu and Ashok Mishra, Louisiana State University
- How Market Power Changes in Monopoly: Using Lau’s Hessian Identities
  Koichi Yamaura and Allen Featherstone, Kansas State University
- Regulation and Efficiency of Dairy Farms: A Comparison of Ontario and New York State
  Peter J. Slade, University of Guelph
  Kelly A. Grogan, University of Florida

1022 Peers, Family, and Time Effects on Food Security, Dietary Quality, and Obesity
David L. Lawrence Convention Center, Room 410

AAEA Selected Paper Session
How is food demand or food-related health outcomes impacted by peers and others in close social contact with an individual? This session presents papers that examine the link between peers and family members on food choices and health outcomes.

Organizer: Helen Jensen, Iowa State University
Moderator: Kelly A. Grogan, University of Florida

Presentations:
- Media Impact of Nutrition Information on Food Choice
  Sakiko Shiratori, University of Minnesota
- Childhood Obesity Risk and the Role of Primary Caregivers: A Triangular Semi-parametric Simultaneous Equations Approach
  Hong Xue and Wen You, Virginia Tech; Rodolfo M. Nayga Jr., University of Arkansas
- Food Secure in 30 Minutes or Less: The Relationship between Time Use and Food Security
  Charlotte Tuttle, University of Minnesota
- Effects of Family, Friends, and Relative Prices on Fruit and Vegetable Consumption by African American Youths
  Helen Jensen, Oleksandr Zhlyevskyy, and Steven Garasky, Iowa State University

2011 AAEA & NAREA Joint Annual Meeting July 24–26, 2011 PITTSBURGH
Concurrent Sessions, Monday, 10:15 am–11:45 am

**1023 Climate Change and Trade**
*David L. Lawrence Convention Center, Room 411*

**AAEA Selected Paper Session**
These four presentations address the role of trade policies in climate change and the effect of climate change on agricultural trade.

**Moderator:** Ian Sheldon, The Ohio State University

**Presentations:**
- *Climate Change and Agriculture in South Asia: Looking for an Optimal Trade Policy*
  *David Laborde, International Food Policy Research Institute*
- *Biophysical vs. Economic Uncertainty in the Analysis of Climate Change Impacts on World Agriculture*
  *Thomas W. Hertel and Monika Verma, Purdue University; David B. Lobell, Stanford University*
- *Assessing the Impact of Climate Change on China’s Crop Sector and International Trade*
  *James Hansen, Agapi Somwaru, Francis Tuan, and Christine Ariola, USDA-Economic Research Service*
- *Climate Policy, Carbon Leakage, and Competitiveness: How Might Border Tax Adjustments Help?*
  *Steven McCorriston, University of Exeter; Ian Sheldon, The Ohio State University*

**1024 Methods for Modeling Crop Yields**
*David L. Lawrence Convention Center, Room 412*

**AAEA Selected Paper Session**
The papers in this session focus on the methods used to model crop yields. Techniques include regression and distributional modeling that incorporate the effects of weather, time, and technological change on crop yields.

**Moderator:** Shyam Adhikari, Texas Tech University

**Presentations:**
- *Impacts of Weather and Time Horizon Selection on Crop Insurance Ratemaking: A Conditional Distribution Approach*
  *Joshua Woodard, Texas A&M University*
- *Modeling Yield Risk under Technological Change: Dynamic Yield Distributions and the U.S. Crop Insurance Program*
  *Ying Zhu, Barry Goodwin, and Sujit Ghosh, North Carolina State University*
- *Measurement of Yield Distributions: Time-varying Mixture Distribution Models*
  *Tsung Yu Yang, North Carolina State University*
- *The Impact of Weather Cycles and Crop Yield Autocorrelation on Crop Insurance Yield Guarantees*
  *Shyam Adhikari, Thomas Knight, and Eric J. Belasco, Texas Tech University*

**1025 Advances in Nonmarket Valuation Methodology**
*David L. Lawrence Convention Center, Room 413*

**AAEA Selected Paper Session**
Although nonmarket valuation techniques are well established in the environmental and resource economics literature, continued development and validity testing are needed. This session brings together a group of papers that focus on developing or testing nonmarket valuation methods. The methods addressed include hypothetical bias in choice experiments, hospital visits/cost of illness methods in valuing human health effects of wildfires, and topics in recreations modeling. Although the focus is on methodological issues, each paper provides value estimates for the private or public good being investigated.

**Moderator:** Lianfan Su, Oklahoma State University

**Presentations:**
- *Modeling Site Specific Heterogeneity in an On-site Stratified Random Sample of Recreational Demand*
  *Kavita Sardana, Iowa State University; John C. Bergstrom, University of Georgia*
- *Wildfires and Respiratory Illness: Linking Fire Events and Attributes to Health Outcomes*
  *Man-Keun Kim, Utah State University; Klaus Moeltner, Virginia Tech; Wei Yang and Erqian Zhu, University of Nevada, Reno*
- *A Comparison of Auctions and Choice Experiment: The Case of Consumers’ Willingness-to-Pay for Rice with Different Quality Levels and Storage Methods*
  *Lianfan Su and Brian Adam, Oklahoma State University; Frank Arthur, USDA-Agricultural Research Service; Jayson Lusk, Oklahoma State University*

**1026 Retailer Behavior**
*David L. Lawrence Convention Center, Room 414*

**AAEA Selected Paper Session**
This session focuses on current issues in retail and retailer behavior. Presentations cover topics such as product variety, pricing strategies, and market power.

**Moderator:** Richard Volpe, USDA-Economic Research Service

**Presentations:**
- *Study of Market Conduct of Milk Manufacturers and Retailers*
  *Vårdges Hovhannisyan and Kyle Stieger, University of Wisconsin*
- *Structural Model of Retail Market Power: The U.S. Milk Industry*
  *Vårdges Hovhannisyan and Brian Gould, University of Wisconsin*
- *The Effect of Retailer Concentration and Store Format on Consumers’ Food Purchasing Decisions*
  *Richard Volpe, Abigail Okrent, and Ephraim Leibtag, USDA-Economic Research Service*
Concurrent Sessions, Monday, 10:15 am–11:45 am

1027  The Economics of Coupons, Advertising, Information, and Regulation  
David L. Lawrence Convention Center, Room 415

**AAEA Selected Paper Session**

Papers on the impact of coupons, advertising, information, and food safety regulation on the demand and supply of food are presented in this session.

**Moderator:** Joshua Berning, University of Connecticut

**Presentations:**

- Analysis of the Economic Effects of Requiring Post-harvest Processing for Raw Oysters  
  *Mary Muth, Catherine Viator, and Shawn Karns, RTI International*
  *Rafael Bakhtavoryan, Oral Capps Jr., and Victoria Salin, Texas A&M University*
- The Asymmetric Effect of Dietary Knowledge on Nutrient Intake in China: Implications for Dietary Education in Developing Countries  
  *Satoru Shimokawa, Hong Kong University of Science and Technology*
- The Effect of Retail Grocery Coupons for Breakfast Cereals on Household Purchasing Behavior  
  *Joshua Berning and Hualu Zheng, University of Connecticut*

1028  Global and Developing Issues  
David L. Lawrence Convention Center, Room 320

**NAREA Selected Paper Session**

The efficacy and implementation of environmental policies in developing nations is an area of increasing attention. This session includes papers that address natural resource and environmental problems as they relate to issues that are prominent in the developing world. These include tools for fishery management, pollination services, tropical deforestation, and sustainable development.

**Moderator:** Jill Caviglia-Harris, Salisbury University

**Presentations:**

- The Environmental Impacts of Advancing Infrastructure in Forest Frontiers  
  *Elaine Frey, California State University, Long Beach; Jill Caviglia-Harris, Salisbury University*
- The Optimal Environmental Tax Scheme under the Influence of Corruption: Theoretical and Experimental Support for Indonesia  
  *Deden Dinar Iskandar, University of Bonn*
- Agricultural and Economy-wide Effects of Global Pollinator Declines  
  *Dana Bauer and Ian Sue Wing, Boston University*

1029  Eco-marketing and Green Products  
David L. Lawrence Convention Center, Room 321

**NAREA Selected Paper Session**

In many regions across the United States, small and medium-sized farmers and property owners have the desire to diversify products and supplement their income through value added and environmentally friendly products. Participation in voluntary conservation programs, agritourism, the impact of eco-friendly labels, and the demand for eco-friendly wine are among the issues investigated in this session.

**Moderator:** Kent Messer, University of Delaware

**Presentations:**

- Agritourism Consumer’s Participation in Wine Tasting Events: An Econometric Analysis  
  *Venkata S. Puduri and Ramu Govindasamy, Rutgers, The State University of New Jersey; Kathleen M. Kelley, Pennsylvania State University*
- Agglomeration Bonuses and Social Networks in Environmental Markets  
  *Nathaniel Higgins, USDA-Economic Research Service; Kent Messer and Joshua Duke, University of Delaware; Daniel Hellerstein, USDA-Economic Research Service; Loretta Lynch, University of Maryland*
- The Impact of Environmentally Friendly Production Practices on Wine Purchase Decisions  
  *Todd Schmit, Bradley Rickard, John Taber, and Richard Boisvert, Cornell University*
- Effectiveness of Eco-Marketing on Green Vehicle Purchase Behavior in Maine: A Nested-logit Model Approach  
  *Shyamani Siriwardena, Gary Hunt, Mario Teisl, and Caroline Noblet, University of Maine*
**Concurrent Sessions, Monday, 1:30 pm–3:00 pm**

1030  **The Scientific Pluralism of Agribusiness**  
*David L. Lawrence Convention Center, Room 303*

**AEM Section Track Session**

The term “agribusiness” first appeared in Davis and Goldberg’s seminal book titled “A Concept of Agribusiness.” Fundamental to the “concept of agribusiness” is that many problems related to agricultural production are interrelated and dependent upon political and economic issues affecting the entire agri-food supply chain. Despite the interest in the “concept of agribusiness,” a definitive consensus as to what constitutes the “field of agribusiness” remains a point of contention and confusion among academics and university administrators, as well as practitioners in the agribusiness system. This session discusses the “field of agribusiness” and explores the “scientific pluralism” of agribusiness scholarship.

**Organizers:** R. Wes Harrison, Louisiana State University; Desmond Ng, Texas A&M University  
**Moderator:** R. Wes Harrison, Louisiana State University  
**Discussants:** R. Wes Harrison, Louisiana State University  
**Panelists:** Michael Boehlje, Purdue University; Randall Westgren, University of Missouri; Allen Wysocki, University of Florida

**Presentations:**
- Future Agribusiness Challenges: Strategic Uncertainty, Innovation, and Structural Change  
  *Michael Boehlje, Purdue University*
- An Epistemology for Agribusiness: Peers, Methods, and Engagement in the Agri-food-bio System  
  *Christopher Peterson, Michigan State University*
- Agribusiness Extension: The Past, Present, and Future?  
  *Ruby Ward, Utah State University; Timothy Woods, University of Kentucky; Allen Wysocki, University of Florida*

1031  **Navigating Journal Writing—Advice for New and Experienced Writers**  
*David L. Lawrence Convention Center, Room 304*

**GSS Track Session**

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

**Organizer:** Alicia English, Purdue University  
**Moderator:** Alicia English, Purdue University  
**Panelists:** J. Edward Taylor, University of California, Davis; Jeffrey Dorfman, University of Georgia; Erik Lichtenberg, University of Maryland; David Hennessy, Iowa State University

1032  **Changing Institutions and Behaviors for Reducing Emissions from Deforestation and Forest Degradation (REDD)**  
*David L. Lawrence Convention Center, Room 305*

**IBES Track Session**

Agriculture, forestry and other land use (AFOLU) are responsible for about 30 percent of anthropogenic greenhouse gas emissions. Large reductions in emissions from AFOLU can be achieved through actions that are practical, cost effective, consistent with climate change adaptation, and generate positive co-benefits for other environmental services. However, effective implementation of strategies to reduce emissions from the AFOLU sector requires the right mix of incentives, regulations, and institutional arrangements to affect land use behavior at the farm level, connected to viable sources of emission offset finance. This session considers institutions and behaviors for reducing emissions from agriculture, forestry and other land use in case studies in Canada, Tanzania and Cameroon.

**Organizer:** Brent Swallow, University of Alberta  
**Moderator:** Brady Deaton, University of Guelph

**Presentations:**
- Payment for Ecosystem Services Scheme Design in Rural Tanzania: Farmers’ Preferences for Enforcement and Payment Options  
  *David Kaczan, Brent Swallow, and Wiktor Adamowicz, University of Alberta*
- Development of Policies and Institutions for Agricultural Offsets within the Alberta Greenhouse Gas Offset System  
  *Caitlin Schmidt, Brent Swallow, and Tom Goddard, University of Alberta*
- Smallholders’ Willingness-to-Accept (WTA) Compensation for Reduced Emissions for Avoided Deforestation and Forest Degradation (REDD) in Cameroon  
  *Dara Thompson, Brent Swallow, and Marty Luckert, University of Alberta*
FSN Section and Senior Section Track Session

Food assistance programs today need to address the simultaneous challenges of food insecurity and obesity. Efforts to improve the programs require information on how households acquire food, make food decisions, and use food assistance in meeting their needs. Current data sources are often inadequate to document the context of food and dietary choices. USDA has made new investments to address these information needs. This session provides an overview of current consumption patterns, findings related to the effect of food assistance program on diet (especially on SNAP and childhood outcomes), and efforts underway to better design programs and measure program effects.

Organizers: Helen Jensen, Iowa State University; Katherine Ralston, USDA-Economic Research Service; Walter J. Armbruster, Farm Foundation (retired)

Discussant: Helen Jensen, Iowa State University

Presentations:
- Changing Food and Eating Trends and Implications for Food Assistance Programs (Low Income Households)
  Jean Kinsey, University of Minnesota
- Food Insecurity and Childhood Obesity: What Is the Role of Food Assistance Programs?
  Craig Gundersen, University of Illinois at Urbana-Champaign
- Design for Healthier Foods in the Supplemental Nutrition Assistance Program (SNAP): Fruit and Vegetable Incentives
  Parke Wilde, Tufts University
- FoodAPS (National Household Food Acquisition and Purchase Survey)
  Mark Denbaly, USDA-Economic Research Service

Extension Section and FAMPS Track Session

The recent boom and bust in global agricultural markets dramatically illustrated the importance of risk management for U.S. farmers, and put risk management policy at the forefront of the debate surrounding the 2012 Farm Bill. These events have increased of a gradual re-shaping of U.S. farm policy towards insurance, countercyclical payments, and other risk management-type policy mechanisms.

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

Moderator: Daniel Sumner, University of California, Davis

Presentations:
- Alternatives for Managing Price and Revenue Risk in U.S. Dairy Markets
  Brian Gould, University of Wisconsin
- Crop Insurance and Disaster Payments: What We’ve Learned and Lessons for Future Policy
  Joseph Glauber, USDA-Office of the Chief Economist
- Performance of the Average Crop Revenue Elections (ACRE) Program
  Carl Zulauf, The Ohio State University

International Section Track Session

This session explores how savings, credit, and insurance can enhance the economic welfare of poor agricultural producers exposed to systemic risk in developing countries. Topical coverage includes linkages between credit and insurance markets, index insurance in the context of microfinance institutions and El Niño risk, government supported catastrophic insurance and private sector crop insurance markets, and bank deposit services to enhance the welfare of both depositors and non-depositors in village economies exposed to systemic risk in which wealth is traditionally held in illiquid assets such as livestock.

Organizer: Mario Miranda, The Ohio State University

Moderator: Jerry Skees, University of Kentucky

Presentations:
- The Impact of Interlinked Index Insurance and Credit Contracts on Financial Market Deepening and Small Farm Productivity
  Michael Carter, University of California, Davis
- Enhancing the Performance of Microfinance Institutions through Portfolio-level Index Insurance
  Benjamin Collier, University of Kentucky
- Risk in the Andes: Evaluating the Role of the State vs. Markets in Providing Index-based Insurance for Catastrophic and Commercial Risk
  Stephen Boucher and Michael Carter, University of California, Davis
- Asset Liquidity, Savings, and Consumption Smoothing in a Village Economy Exposed to Systemic Income Risk
  Mario Miranda and Claudio Gonzalez-Vega, The Ohio State University
Concurrent Sessions, Monday, 1:30 pm–3:00 pm

1036 Globalization and Agriculture in African Economies
David L. Lawrence Convention Center, Room 316

COSBAE Track Session
In this session we focus on the global factors affecting agriculture in African countries. Topics include the following: 1) the relationship between political instability and agricultural trade; 2) analysis of historical trends in agricultural production, trade, food aid, and consumption; 3) examination of the factors determining the status of agriculture in the economy, with particular attention to the effects of trade; and 4) the impact of EU trade policy reforms on the import composition of beef imports from Namibia to the EU market.

Organizer: Andrew Muhammad, USDA-Economic Research Service
Moderator: Christopher Davis, USDA-Economic Research Service

Presentations:
Conflict, Instability and International Trade: A Focus On the Floriculture Sector in East Africa
Andrew Muhammad and Anna D’Souza, USDA-Economic Research Service; William Amponsah, Georgia Southern University
Impact of Local and Global Forces Affecting Food Security in Selected West African Countries
Dovi Alipoe and Jennifer Dumevi, Alcorn State University; John Kuwornu, University of Ghana
International Trade and the Status of Agriculture in African Economies
Carlisle Pemberton, Hazel Patterson-Andrews, and Afifa de Sormeaux, University of the West Indies
Import Composition Effects of the EU Trade Policy Reforms: The Case for Beef Imports from Namibia
Kikuepi B. Katjuongua, Dave Weatherspoon, and David Schweikhardt, Michigan State University

1037 Keys to Successful Cross-institutional Collaboration
David L. Lawrence Convention Center, Room 317

NAAEA Track Session
Budgets are shrinking at nearly all institutions of higher learning, and there is substantially increased emphasis on multidisciplinary and multi-institutional projects from federal funding sources. These combined forces are acting to enhance incentives, and thus opportunities, to collaborate across institutions to meet the broad range of programmatic needs faced by departments represented in AAEA membership. This session will bring together knowledgeable ag and applied economists and Land Grant administrators to share strategies that lead to successful collaborations across institutions and to brainstorm on novel ideas for expanding such collaborations.

Organizers: Kenneth Foster, Purdue University; Steven Hanson, Michigan State University; Octavio Ramirez, University of Georgia
Moderator: Steven Hanson, Michigan State University

Presentations:
Cross-institutional Collaborations through the Eyes of a Senior Administrator
Bruce A. McPheron, Pennsylvania State University
Keys to Successful Cross-institutional Research Collaboration
Thomas W. Hertel, Purdue University
Keys to Successful Joint Research and Outreach Projects
John Nichols, Texas A&M University; Eduardo Segarra, Texas Tech University
Keys to Successful Cross-institutional Extension Collaboration
Trent Teegerstrom, University of Arizona
Concurrent Sessions, Monday, 1:30 pm–3:00 pm

**1038 Chinese Urban Food Consumption**  
*David L. Lawrence Convention Center, Room 318*

**AAEA Organized Symposium**
Food consumption patterns in China are rapidly changing in response to growing incomes and perceptions about food safety, food quality, and nutrition. This session examines changes in food consumption patterns using recent data from unique surveys of Chinese urban households. The papers in this session discuss consumption expenditure patterns by processing degrees; how consumer knowledge about safety- and quality-related certifications affects demand for meat, milk, and vegetables; adolescent food consumption and the nutritional content by type and amount of food consumed; and consumers’ beverage-purchasing behavior in Nanjing, China.

**Organizers:** Thomas Wahl, North Dakota State University; Jill McCluskey, Washington State University  
**Moderator:** Bryan Lohmar, USDA-Economic Research Service  
**Discussant:** Fred Gale, USDA-Economic Research Service

**Presentations:**  
- Food Processing Degrees: Evidence from Beijing Household Survey  
  Hainan Wang and Jill McCluskey, Washington State University  
- Effects of Consumer Knowledge of Safety- and Quality-related Certifications on Food Consumption  
  Junfei Bai Sr., Institute of Geographical Sciences and Natural Resource Research; Thomas Wahl, North Dakota State University  
- Adolescent Food Consumption and Nutrition in Urban China  
  Thomas Wahl, North Dakota State University  
- Consumer Demand for Beverages in Nanjing China  
  James Seale, University of Florida

**1039 Public Policies Influencing Local Foods Production**  
*David L. Lawrence Convention Center, Room 329*

**AAEA Organized Symposium**
This session examines how acreage subsidies, energy policies, and proximity to slaughter affect local production and marketing of fruits, vegetables, and meats.

**Organizers:** Julie A. Hogeland, USDA-Rural Development; Lu-anne Lohr, USDA-Economic Research Service  
**Moderator:** Julie A. Hogeland, USDA-Rural Development

**Presentations:**  
- Local Consequences of National Food Safety Exemptions  
  Lu-anne Lohr, USDA-Economic Research Service  
- Where Do Farmer-packers and Mobile Slaughterhouses Fit into the Local Food System?  
  Richard Stillman, USDA-Economic Research Service  
- Policy Environment and Horticultural Production: Competing Objectives, Limited Resources  
  Mesbah Motamed, USDA-Economic Research Service  
- Where Will Future Slaughter Plants Locate?  
  Peter Mitchell and Raymond Florax, Purdue University

**1040 Shocks, Vulnerability, and Risk Coping**  
*David L. Lawrence Convention Center, Room 330*

**AAEA Selected Paper Session**
The papers in this session contribute to our understanding of households coping strategies to mitigate negative impacts of various types of shocks (idiosyncratic shocks, local and national weather shocks, and global climatic changes). Policy implications are drawn to guide effective future coping mechanisms.

**Moderator:** Patrick Ward, Purdue University

**Presentations:**
- Household Risk, Asset Management, and Consumption Outcomes in Rural China  
  *Patrick Ward and Gerald Shively, Purdue University*  
- The Macroeconomic Impacts of Natural Disasters: New Evidence from Floods  
  *Juncal Cunado, Universidad de Navarra; Susana Ferreira, University of Georgia*  
- Idiosyncratic Shocks, Risk Management, and Welfare Dynamics in Rural Ghana  
  *Felix Naschold, Thomas Walker, and Christopher B. Barrett, Cornell University; Robert Osei, University of Ghana*  
- Disaster Risk, Social Vulnerability, and Climate Change  
  *Patrick Ward and Gerald Shively, Purdue University*

**1041 Applied Spatial Modeling**  
*David L. Lawrence Convention Center, Room 401*

**AAEA Selected Paper Session**
The papers in this session discuss the spatial dynamics of water, production, and disease.

**Moderator:** Shiliang Zhao, Texas Tech University

**Presentations:**
- Integrating Models over Spatial and Temporal Scales: The Joint Production of Crops, Conjunctive Water Use, and Wildlife Habitat  
  *Cloe Garnache and Richard Howitt, University of California, Davis*  
- Spatial Externalities and Vector-borne Plant Diseases: Pierce’s Disease and the Blue-Green Sharpshooter in the Napa Valley  
  *Kate B. Fuller, Julian Alston, and James Sanchirico, University of California, Davis*  
- Estimating the Spatial Distribution of Groundwater Demand in the Texas High Plains  
  *Shiliang Zhao and Chenggang Wang, Texas Tech University; James P. Bordovsky, Zhuping Sheng, and Jesus R. Gastelum, Texas AgriLife Research*
Concurrent Sessions, Monday, 1:30 pm–3:00 pm

**1042 Climate, Weather, and Demand**  
*David L. Lawrence Convention Center, Room 402*

**AAEA Selected Paper Session**  
This session examines the effects of weather and climate changes on demand, as well as French farmers’ pesticide usage.  
**Moderator:** Witsanu Attavanich, Texas A&M University  
**Presentations:**  
- Pesticides Uses in Crop Production: What Can We Learn from French Farmers’ Practices?  
  *Adelaide Fadhuile and Alain Pirotte, Université Panthéon-Assas Paris II; Stephane Lemanie, Institut National de la Recherche Agronomique*  
- The ENSO Impact on Predicting World Cocoa Prices  
  *David Ublava, Mississippi State University; C. Gustav Helmers, Murray State University*  
- The Effect of Climate Change on Transportation Flows and Inland Waterways Due to Climate-induced Shifts in Crop Production Patterns  
  *Witsanu Attavanich, Bruce McCarl, and Stephen W. Fuller, Texas A&M University*

**1043 Understanding Consumer Preference**  
*David L. Lawrence Convention Center, Room 403*

**AAEA Selected Paper Session**  
This session features two papers that explore the blueberry market and two papers that evaluate alternative approaches to determine consumer preferences.  
**Moderator:** Marco Costanigro, Colorado State University  
**Presentations:**  
- The Consumer Structure of Blueberry Market: A Double Hurdle Model Approach  
  *Lijia Shi, Lisa House, and Zhifeng Gao, University of Florida*  
- Consumer WTP for Blueberry Attributes: A Hierarchical Bayesian Approach in the WTP Space  
  *Lijia Shi, Zhifeng Gao, and Lisa House, University of Florida*  
- A Two-stage Choice Experiment Approach to Elicit Consumer Preferences  
  *Zhifeng Gao, University of Florida; Xiaohua Yu, Georg-August-Universität Göttingen*  
- What Determines the Success of a Geographical Indication? A Meta-analysis of Price Premia and WTP Studies for GIs in Food Products  
  *Oana Deseñnicu and Marco Costanigro, Colorado State University; Diogo M. Souza Monteiro, University of Kent; Dawn Thilmany McFadden, Colorado State University*

**1044 Crop Insurance**  
*David L. Lawrence Convention Center, Room 404*

**AAEA Selected Paper Session**  
Topics include premium estimation and actuarial performance, impacts of the ACRE program on efficiency and productivity, and how loss ratios may be related to agent size.  
**Moderator:** Jesse Tack, Mississippi State University  
**Presentations:**  
- Premium Estimation Inaccuracy and the Actuarial Performance of the U.S. Crop Insurance Program  
  *Octavio Ramirez, University of Georgia; Carlos Carpio, Clemson University*  
- A Mixed Effects Model of Crop Yields for Purposes of Premium Determination  
  *Michael Roberts, North Carolina State University; Jesse Tack, Mississippi State University*

**1045 Farmland Conservation Practices**  
*David L. Lawrence Convention Center, Room 405*

**AAEA Selected Paper Session**  
This session examines the effectiveness of the various farmland conservation programs, including CRP, conservation easements, and the conservation movement in general.  
**Moderator:** Scott Templeton, Clemson University  
**Presentations:**  
- Additionality and the Adoption of Farm Conservation Practices  
  *Mariano Mezzatesta, David Newburn, and Richard Woodward, Texas A&M University*  
- Ridge, Slope, and Hillside Protection Taskforce Projects in Knox County, Tennessee: Costs and Benefits of Reforestation of Target Areas  
  *Matthew H. Chadourne, Seong-Hoon Cho, and Roland K. Roberts, University of Tennessee*  
- An Economic Analysis of Installation and Maintenance of Sediment Controls at Construction Sites: The Case of Greenville County, South Carolina  
  *Scott Templeton, Clemson University; Jamey Lowdermilk, USDA-Forest Service; Charles V. Privette III and John C. Hayes, Clemson University*
Concurrent Sessions, Monday, 1:30 pm–3:00 pm

1046 What You Need to Know About the Budget and the Next Farm Bill: A Short Course  
David L. Lawrence Convention Center, Room 406

AAEA Organized Symposium  
The budget and policy environments for the next farm bill will be among the toughest ever. How do the pieces of the budget, legislative, and policy puzzles fit together when developing legislation? In this short course, Craig Jagger connects the dots among budget and legislative rules and processes and agricultural policies. The session will include both an in-depth presentation and an extended discussion with attendees.

Organizers: Craig Jagger, House Agriculture Committee; Joy Harwood, USDA-Farm Service Agency  
Discussants: Patrick Westhoff, University of Missouri; Joy Harwood, USDA-Farm Service Agency

Presentation:  
What You Need to Know About the Budget and the Next Farm Bill: A Short Course  
Craig Jagger, House Agriculture Committee

1047 Farm Labor and Immigration in the United States  
David L. Lawrence Convention Center, Room 407

Invited Paper Session  
Congress and the White House are signaling that they will soon address longstanding problems in U.S. immigration law, which is likely to have implications for farm labor. Proposals range from amnesties to minimum-wage reforms to improved methods of immigration enforcement. Agricultural technology, in the meantime, is changing in ways that alter the demand for labor and the market effects of such immigration controls. This Invited Paper Session employs a variety of analytical approaches to examine the likely ramifications of these developments for U.S. agriculture.

Organizer: Steven S. Zahniser, USDA-Economic Research Service  
Moderator: Daniel Pick, USDA-Economic Research Service  
Discussant: Stephen Devados, University of Idaho

Presentations:  
Immigration Control and Minimum Wage Effects on Agricultural Labor Supply and Demand: A Simultaneous Analysis  
Steven Buccola and Cheng Li, Oregon State University  
Labor Use in the U.S. Produce Industry  
Linda Calvin, USDA-Economic Research Service; Philip Martin, University of California, Davis  
Economic Effects of Allowing More Foreign-born Persons to Work in U.S. Agriculture: A Simulation Analysis  
Steven S. Zahniser and Thomas Hertz, USDA-Economic Research Service; Peter Dixon and Maureen Rimmer, Monash University

1048 Forest Carbon Sequestration  
David L. Lawrence Convention Center, Room 408

AAEA Selected Paper Session  
The papers in this session focus on forest carbon sequestration and related policies.

Moderator: Do-il Yoo, University of Wisconsin

Presentations:  
The Value and Applicability of Bargaining in an Intergenerational Setting  
Gregory E. Howard, The Ohio State University  
Carbon Leakage with Forestation Policies  
Harry de Gorter, Dusan Drabik, and David R. Just, Cornell University  
Permanence of Carbon Sequestered in Forests  
C. S. Kim and Ronald Sands, USDA-Economic Research Service; Jan Lewandrowski, USDA-Office of the Chief Economist; Robert Johansson, Congressional Budget Office  
Forest Carbon Sequestration under the U.S. Biofuel Energy Policies  
Do-il Yoo, University of Wisconsin

1049 Financial and Business Management Issues in the Livestock and Dairy Industries  
David L. Lawrence Convention Center, Room 409

AAEA Selected Paper Session  
The papers in this session consider economic models of a variety of issues related to the dairy industry such as participation in the Milk Income Loss Contract Program, equitable income allocation, political affiliations and exit intentions, and controlling infectious diseases.

Moderator: Jonathan Dressler, Cornell University

Presentations:  
Assessing the Participation and Impact of the Milk Income Loss Contract Program for Dairy Farmers  
Jeremy D’Antoni and Ashok Mishra, Louisiana State University  
Compartment Model for Controlling Infectious Livestock Disease: Cost-effective Control Strategies for Johne’s Disease in Dairy Herds  
Jaesung Cho, Loren Tauer, Ynte Schukken, Rebecca Smith, Zhao Lu, and Yrjo Grohn, Cornell University  
Political Affiliation and Exit Intentions of U.S. Dairy Farms  
Rafael Costa, Dwi Susanto, and C. Parr Rosson, Texas A&M University  
Revealing an Equitable Income Allocation among Dairy Farm Partnerships  
Loren Tauer and Jonathan Dressler, Cornell University
Concurrent Sessions, Monday, 1:30 pm–3:00 pm

1050 Investigation of New Technology
David L. Lawrence Convention Center, Room 410

AAEA Selected Paper Session
This session includes papers exploring the roles of new technology in agricultural production.

Moderator: Richard Nehring, USDA-Economic Research Service

Presentations:
Revisiting the Impact of Bt Corn Adoption by U.S. Farmers
Jorge Fernandez-Cornejo and Seth Wechsler, USDA-Economic Research Service

Sub-Therapeutic Antibiotics and Impacts on U.S. Hog Farms
William McBride, Nigel Key, and Kenneth Mathews, USDA-Economic Research Service

Impact of GE Crop Adoption on Quality-adjusted Pesticide Use
Richard Nehring, Andrew Martin, Jorge Fernandez-Cornejo, and Charlie Hallahan, USDA-Economic Research Service; Alexandre Vialou, University of Maryland; Seth Wechsler, USDA-Economic Research Service; Arthur Grube, U.S. Environmental Protection Agency

1051 Agricultural Trade Flows and Trade Agreements Issues
David L. Lawrence Convention Center, Room 411

AAEA Selected Paper Session
These four presentations discuss the factors that affect trade flows and recent issues with trade agreements and their application.

Moderator: William Martin, World Bank

Presentations:
Financial Development and International Trade: Regional and Sectoral Analysis
Dwi Susanto, C. Parr Rosson, and Rafael Costa, Texas A&M University

Preference Erosion and the Developing Countries Exports to the EU: A Dynamic Panel Gravity Approach
Valentina Raimondi, Universita Degli Studi di Milano; Margherita Scoppola, University of Macerata; Alessandro Olper, University of Milano

Assessing the Price of Flexibilities in the Doha Round Agricultural Negotiations: The Role of an Optimal Tariff Aggregator
David Laborde, International Food Policy Research Institute; William Martin, World Bank

A Need for Caution in Applying the Volume-based Special Safeguard Mechanism
William Martin and Maros Ivanic, World Bank

1052 Contracting and Organization
David L. Lawrence Convention Center, Room 412

AAEA Selected Paper Session
This session focuses on current issues in contracting and organization.

Moderator: Brian E. Roe, The Ohio State University

Presentations:
How Entry/Exit Cost and Policy Affect Switchgrass Contract Duration
Chenguang Wang, Michigan State University

Endogenous Matching and Contractual Choice between Agricultural Processors and Farmers in China
Xiaohua Yu, Georg-August-Universitat Gottingen; Dave Abler and Danhong Chen, Pennsylvania State University

Pigs in Cyberspace: A Natural Experiment Testing Differences between Online and Offline Club-pig Auctions
Brian E. Roe and Timothy Wyszynski, The Ohio State University

1053 Valuing Ecosystem Services
David L. Lawrence Convention Center, Room 413

AAEA Selected Paper Session
Ecosystems provide many valuable services, but the allocation of these resources is often inefficient. Economists are striving to understand the value of the services that we enjoy from complex ecosystems. This session considers four presentations on the methods of valuing ecosystem services, accounting for spatial heterogeneity of willingness-to-pay, and modeling certainty-adjusted willingness-to-pay using stated preference data. Specific applications include the valuation of ecosystem services on timberland and an evaluation of household welfare losses due to increases in salinity in arid and semi-arid landscapes.

Moderator: David M. Kling, University of California, Davis

Presentations:
Characterizing Spatial Pattern in Ecosystem Service Values When Distance Decay Doesn’t Apply: Choice Experiments and Local Indicators of Spatial Association
Robert Johnston, George Perkins Marsh Institute; Mahesh Ramachandran, Clark University; Eric Schultz and Kathleen Segerson, University of Connecticut; Elena Besedin, Abt Associates

Modeling Certainty-adjusted Willingness-to-Pay for Ecosystem Service Improvements from Agriculture
Shan Ma, Frank Lupi, Scott M. Swinton, and Huilan Chen, Michigan State University

Valuing Ecosystem Services from Private Forests
Rebecca Moore, University of Georgia

Public Economic Benefits of Reducing Salinity Discharges: Evidence from California’s San Joaquin Valley
David M. Kling and Douglas Larson, University of California, Davis
Concurrent Sessions, Monday, 1:30 pm–3:00 pm

**1054 Health and Investment**
David L. Lawrence Convention Center, Room 414

**AAEA Selected Paper Session**
This session deals with choices regarding health and investments. Countries included in the analyses are Taiwan, the United States, and Russia.

**Moderator:** Jeffrey Jordan, University of Georgia

**Presentations:**
- Does Health Insurance Coverage Affect Resource Allocation among Farm Households? Evidence of the National Farmers’ Health Insurance Program in Taiwan
  
  Hung-Hao Chang, National Taiwan University; David R. Just, Cornell University; Chad Meyerhoefer, Lehigh University

- Spousal Risk Preferences and Household Investment Decisions
  
  Michael Brady and Bidisha Mandal, Washington State University

- The Determinants of Rural Urban Migration; Evidence from NLSY Data
  
  Jeffrey Jordan, University of Georgia; Elton Mykerezi, University of Minnesota; Genti Kostandini, University of Georgia

**1055 Food and Health Trends—Economic Conditions, Healthy Alternatives, Local Foods, and School Lunches**
David L. Lawrence Convention Center, Room 319

**NAREA Symposium**
The purpose of this symposium is to ensure a comprehensive examination of the different aspects characterizing the relationships between food and health trends in the United States: the impact of the recession on the market of organic foods, the diffusion of different healthy alternatives inside one category, the relationship between local foods and obesity, and the use of commodity foods in the school meals program.

**Organizer:** Alessandro Bonanno, Pennsylvania State University

**Moderator:** Alessandro Bonanno, Pennsylvania State University

**Presentations:**
- Recessional Economic Conditions and the Market for Packaged Organic Foods
  
  Edward Jaenicke, Pennsylvania State University

- Diffusion and Performance of Healthy Alternatives in the U.S. Yogurt Market
  
  Alessandro Bonanno, Yingxian Wu, and Jeffery Hyde, Pennsylvania State University

- Access to Local Agriculture and Obesity
  
  Joshua Berning, University of Connecticut

- USDA Commodities Processing: Impact on School Meal Nutritional Quality and Cost
  
  Kristin Kiesel, California State University, Sacramento; Markell Lewis, California Food Policy Advocates; Lisa Craypo, Samuels and Associates; Ellen Braff-Guajardo, California Food Policy Advocates; Gail Woodward-Lopez, University of California, Berkeley


**1056 Conservation and Consumer Behavior**
David L. Lawrence Convention Center, Room 320

**NAREA Selected Paper Session**
Studies of pro-environmental behavior are advancing theoretical and empirical models of household decision-making. Thus, the study of how consumers respond to different environmental approaches is important to advance this literature. Understanding how the consumers evaluate the economic and environmental tradeoffs related to different forms of energy production, conservation policies, environmental taxes, and demand for new products are the focus of this session.

**Moderator:** Kathleen Bell, University of Maine

**Presentations:**
- Tradeoffs, Social Norms, Status, and Pro-environmental Behavior: Adoption of Conservation Practices by Lakefront Households
  
  Ann E. Speers, Kathleen Bell, Mario Teisl, and Jessica E. Leahy, University of Maine

- The Political Economy of a Natural Gas Severance Tax in Pennsylvania
  
  Will Delavan, Lebanon Valley College

- Are Mainers Blown Away by Wind?
  
  Mario Teisl, Caroline Noblet, Shannon K. McCoy, Mark Anderson, Megan R. Wibberly, Brandon Cosley, Joseph Wellman, Stacia Dreyer, Sarah Marrinan, Karen Hutchins, and Kevin A. Price, University of Maine

- How Will the Availability of Wind Energy Effect Electricity Consumption Behavior?
  
  Megan R. Wibberly, Mario Teisl, Caroline Noblet, and Shannon K. McCoy, University of Maine

**1057 Local Food and Community Policy**
David L. Lawrence Convention Center, Room 321

**NAREA Selected Paper Session**
Increasing physical activity and eating a greater amount of fresh (non-processed) food have been identified as two potential ways for reducing obesity. The promotion of local foods to meet the fresh food requirement has become an issue of study. The papers in this session address issues of local foods in school lunches, links between local food availability and obesity, willingness-to-pay for local foods. The session concludes with an investigation of labor and fiscal impacts on community policy.

**Moderator:** Arun Adhikari, Louisiana State University

**Presentations:**
- Obesity and Diabetes, the Built Environment, and the ‘Local’ Food Economy
  
  Matthew Salaos, University of Reading

- Explaining Consumers’ Willingness-to-Pay for Organic and Local Food Using Extended Theory of Planned Behavior Model
  
  Tong Wu and John Bernard, University of Delaware; Gwendolyn Hustvedt, Texas State University at San Marcos

  
  Arun Adhikari and James M. Fannin, Louisiana State University

- Concerns about Childhood Obesity, School Transportation Mode, and WTP for Local Food: Evidence from a Vermont Survey
  
  Qingbin Wang and Ethan Thompson, University of Vermont
Concurrent Sessions, Monday, 4:30 pm–6:00 pm

1058 The Structural Approach to High Dimensional Zeros Problems in Econometrics
David L. Lawrence Convention Center, Room 303

Econometrics Section Track Session
The structural (primal and/or dual Kuhn Tucker) approach to high dimensional zeros problems in econometrics can recover the primal from the dual, and conversely, by coherently endogenizing the conditional choke prices for the goods that are not consumed or produced. This is in contrast to the nested multinomial logit with random parameters model, which implies that each consumer buys at most one unit of one option, typically uses a generalized linear indirect utility function in own-price and income, and has no substitution between goods other than via the variance-covariance matrix of the random parameters on price and income. The structural model also is not the same as the reduced form multivariate Tobit model. An MV Tobit model includes all prices rather than only the prices of the goods consumed in positive quantity and the parameters included in the positive-quantity demand equations do not depend on the consumption regime. Theory tells us otherwise on both counts. A strict adherence to economic and econometric theory is quite complex in this problem, especially in the multivariate RUM framework, where the errors are part of the preference function and play an active role in the qualitative/quantitative choices, and when the number of equations is large. Modern simulated estimation methods (Bayesian, Monte Carlo Markov Chian, Simulated Maximum Likelihood, Generalized Maximum Entropy, etc.) can be quite helpful in this context.

Organizer: Jeffrey LaFrance, Washington State University
Moderator: Jeffrey LaFrance, Washington State University

Presentations:
Zeroing in on Micro Data
J. Scott Shonkwiler, University of Nevada, Reno

Accounting for Preference Heterogeneity and Unobserved Quality Characteristics in a Count Data Demand System Framework
Roger Von Haefen, North Carolina State University

1059 The Changing Landscape of China’s Agriculture and Consumer Behavior
David L. Lawrence Convention Center, Room 304

China Section and GSS Track Session
This session features papers by graduate students on China-related topics. The first paper examines how access to roads affects agricultural production in terms of crop choice and input use. The second paper identifies factors influencing insurance choices, in particular, to explain low participation rate of livestock insurance in China combining farm level survey and insurance data. The third paper explores implications of agribusiness development patterns in other countries and their impact on China’s fast-growing economy and agricultural policies. The final paper uses a modified payment card survey to estimate the willing to pay of Chinese consumers for coffee bearing the fair trade logo.

Organizers: Alicia English, Purdue University; Qiuqiong Huang, University of Minnesota
Moderator: Alicia English, Purdue University

Presentations:
Impact of Road Access on Agricultural Production in China: Specialization vs. Input Use
Yu Qin, Cornell University; Xiaobo Zhang, International Food Policy Research Institute

Hog Insurance Choices with Supply and Demand: A Bivariate Probit Model with Partial Observability
Yuehua Zhang, Zhejiang University; Ying Cao, Cornell University

The International Pattern of Agribusiness Development and Its Implication for China
Binjian Yan, Yingheng Zhou, and Jin Fan, Nanjing Agricultural University

Using a Modified Payment Card Survey on Chinese Consumers’ Willingness-to-Pay for Fair Trade Coffee: Would Starting Point Matter
Shang-Ho Yang and Wuyang Hu, University of Kentucky
Concurrent Sessions, Monday, 4:30 pm–6:00 pm

1060  **An Institutional Economics Approach to Understanding Heirs’ Property: Prevalence, Problems, and Recently Proposed Legal Reform**  
David L. Lawrence Convention Center, Room 305

**IBES Track Session**  
This session examines the issue of heirs’ property from an economic, social, and legal standpoint. Heirs’ property is a colloquial term that is widely used to describe a legal form of joint ownership (i.e., tenancy in common) that has resulted from the application of state intestacy laws. Three issues are discussed: the prevalence of heirs’ property, the economic implications, and the 2010 Uniform Partition of Heirs Property Act.

**Organizer:** Brady Deaton, University of Guelph  
**Moderator:** James Sterns, University of Florida

**Presentations:**  
- An Institutional Economic Approach to Assessing Heirs’ Property and the Heirs Property Act  
  **Brady Deaton, University of Guelph**  
- A Legal Analysis of the 2010 Uniform Partition of Heirs Property Act  
  **Jesse Richardson, Virginia Tech**

1061  **Extension Section Crops Outlook**  
David L. Lawrence Convention Center, Room 310

**Extension Section Track Session**  
This session continues the long history of AAEA Extension Section Outlook Track Session, and will focus on grain and oilseed market situation and outlook. A diverse group of presenters will analyze current corn, wheat, soybean, and bioenergy-related supply and demand factors that are likely to have major influences on crop market prices in 2011 and 2012. This year’s session will also provide insights on how recent U.S. bioenergy policy changes and other important factors in agricultural markets may affect the crop mix in the United States and perhaps elsewhere in the future.

**Organizer:** Daniel M. O’Brien, Kansas State University  
**Moderator:** Daniel M. O’Brien, Kansas State University

**Presentations:**  
- Biofuels and Corn Market Outlook  
  **Robert Wisner, Iowa State University; Daniel M. O’Brien, Kansas State University**  
- Soybean Market Outlook  
  **Cory Walters, University of Kentucky**  
- Wheat Market Outlook  
  **Edward Usset, University of Minnesota**  
- Consensus Forecasts  
  **Ronald Plain, University of Missouri**

1062  **The Role of Agricultural Economics in Food Safety Standard Development, Education, and Evaluation**  
David L. Lawrence Convention Center, Room 311

**COSBAE Track Session**  
A number of high profile food safety events in recent years have resulted in increased concerns and attention throughout the entire food system. Consumers have placed higher demands for safe food and food retailers are responding by developing standards and requirements for their suppliers. Agricultural Economists must play a more pivotal role in crafting the message to increase consumer confidence and controls that will not cause severe negative economic consequences to producers. The breadth of food safety issues provides an overwhelming opportunity for agricultural economists to help develop economically sound standards and educational curricula for the entire food system.

**Organizers:** Ronald Rainey, University of Arkansas; Deacue Fields, Ill, Auburn University  
**Moderator:** Ronald Rainey, University of Arkansas

**Presentations:**  
- Food Safety—Retailers’ Perspective  
  **Jamie Vosejpka and Paul Cruikshank, CH Robinson**  
- Food Safety—Curriculum and Outreach  
  **Timothy Woods, University of Kentucky**  
- Food Safety—Policy Perspective  
  **Luis Ribera, Texas A&M University**
1063  Can Agricultural Input Subsidies Foster an African Green Revolution? Insights from Malawi
David L. Lawrence Convention Center, Room 315

AAEA Organized Symposium
Input subsidies are regaining support as a policy tool to increase inorganic fertilizer and hybrid seed use among smallholders in Africa. Malawi has implemented a large scale fertilizer subsidy program since the 2005–2006 growing season, in which small farmers receive vouchers for fertilizer and seed at a greatly reduced price. The Malawi subsidy program is being viewed as a test case for broader implementation of similar efforts elsewhere. However, to date little quantitative evaluation has been conducted to measure impacts of the program. This symposium brings together researchers from three separate teams who have been evaluating the Malawi subsidy program.

Organizers: Jacob Ricker-Gilbert, Michigan State University; Thom Jayne, Michigan State University
Moderator: Eric Crawford, Michigan State University
Discussants: Gerald Shively, Purdue University; Chris Chibwana, USAID Malawi; Monica Fisher, International Food Policy Research Institute; Stein Holden, Norwegian University of Life Sciences; Rodney Lunduka, Bunda College of Agriculture; Jacob Ricker-Gilbert, Michigan State University

1064  The Microdata Revolution
David L. Lawrence Convention Center, Room 316

AAEA Organized Symposium
This session, organized by the Economics, Statistics, and Information Resources Committee, highlights administrative and survey microdata from government agencies that are available to researchers. Agency representatives discuss the available data and access policies. The discussion will also highlight the benefits agencies receive from the research that is done with their data. Following brief presentations by each agency, the panel will discuss future developments in data collection and researcher access.

Organizer: Barrett Kirwan, University of Illinois at Urbana-Champaign
Moderator: T. Kirk White, USDA-Economic Research Service

1065  Understanding Food Choice: Insights from Europe
David L. Lawrence Convention Center, Room 317

EAAE Organized Symposium
Consumer food choices are determined by a multitude of aspects, including how the food is produced, processed, and distributed. In this respect animal welfare, environmental aspects as well as social issues matter for consumers. Although ‘ego’ is more prevalent than ‘eco’, survey data suggest that consumers with quite different social backgrounds show a willingness-to-pay for those concerns. Nevertheless, the practical evidence regarding ethical and psychological determinants versus more traditional ones such as price is less readily available. This inconsistency can to some extent be attributed to the fact that survey data overstate the true sustainability commitment of consumers. It might, however, be also owed to the fact that the social environment and product options do not stimulate consumers enough to influence their buying decisions. The latter can be due to a lack of trust in food enterprises and their labeling policies as well as to a discrepancy between the ‘sustainability’ areas enterprises focus on and the once of greatest relevance for consumers. This session will take up some of those issues thereby providing insights into food choices of European consumers from different perspectives.

Organizer: Jutta Roosen, Technische Universität München
Moderator: Monika Hartmann, University of Bonn
Discussant: Helen Jensen, Iowa State University

Presentations:
Imbalances in Supply and Consumption of Sustainable Food Products—Recent Dutch Findings
Ge Backus, Wageningen University
Choosing Local Food—How Important Is the Environmental Aspect?
Carola Grebitus, University of Bonn; Jayson Lusk, Oklahoma State University; Rodolfo M. Nayga Jr., University of Arkansas

The Role of Information Search and Involvement for Traffic Light Label Usage and Food Choices
Larissa Drescher, Technische Universität München; Stephan Marette, Institut National de la Recherche Agronomique; Jutta Roosen, Technische Universität München

The Self Selection of Complexity in Choice Experiments: Novels Food and Cognitive Efficiency
Dan Rigby, University of Manchester; Michael Burton, University of Western Australia
Concurrent Sessions, Monday, 4:30 pm–6:00 pm

1066 Applications of Multivariate Risk and Copulas and Food Security Issues
David L. Lawrence Convention Center, Room 318

AAEA Selected Paper Session
This is a two-topic session. The first two papers utilize different copula-based approaches to characterize multivariate risks. Applications include the design of insurance products with multi-year contracts, weather-based derivatives, and revenue safeguards in timber contracts. The last two papers deal with food security issues. Topics include linking food security to vegetable gardening, food prices and geographic remoteness, trade liberalization, and fertilizer subsidy.

Moderator: Anwar Naseem, McGill University

Presentations:
Applications of Copulas to Analysis of Efficiency of Weather Derivatives as Primary Crop Insurance Instruments
Vitaly Filonov and Dmitry Vedenov Sr., Texas A&M University
Efficient Estimation of Copula Mixture Models: An Application to the Rating of Crop Revenue Insurance
Somali Ghosh and Joshua Woodard, Texas A&M University
Trade Liberalization and Food Security: Evidence from India
Sharad Tandon, USDA-Economic Research Service
Benefit-Cost Assessment of Different Homestead Vegetable Gardening on Improving Household Food and Nutrition Security in Rural Bangladesh
Anwar Naseem and Mohammad Asaduzzaman, McGill University

1067 Estimating the Food Demand Impact of Culture, Quality, and Convenience
David L. Lawrence Convention Center, Room 329

AAEA Selected Paper Session
This session explores how characteristics of household preferences and characteristics (organic preference, BSE tested beef, Chinese consumers) affect demand.

Moderator: Abigail Okrent, USDA-Economic Research Service

Presentations:
Consumer Acceptance and Valuation of Beef That Has Been Tested for BSE
John Cranfield, University of Guelph
Household Level Welfare Effect of Organic Milk Introduction
Hee-Jung Choi, Xiaoyong Zheng, and Michael Wohlgenant, North Carolina State University
The Demand for Disaggregated Food-away-from-Home Products
Abigail Okrent, USDA-Economic Research Service; Julian Alston, University of California, Davis

1068 Crop Yields and Climate Change
David L. Lawrence Convention Center, Room 330

AAEA Selected Paper Session
This session considers alternative methods for the estimation, specification, and testing of crop yield distribution models. Implications of the procedures for the empirical analysis of risk and climate change are stressed.

Moderator: Hector O. Zapata, Louisiana State University

Presentations:
A Globally Flexible Model for Crop Yields under Weather Risk
Steven Wallander and Joseph Cooper, USDA-Economic Research Service
Calendar Weather Variables in Reduced Form Assessments of Climate Change Impacts: Jack of All Trades, Master of None
Ariel Ortiz-Bobea, University of Maryland
Recent Developments in Unit Root Tests and Historical Crop Yields
Hector O. Zapata, David Maradiaga, and Aude Liliana Pujula, Louisiana State University; Michael R. Dicks, Oklahoma State University

1069 Health and Safety
David L. Lawrence Convention Center, Room 401

AAEA Selected Paper Session
The papers in this session consider the health impacts of locally produced food, the regulation of health claims, and the effects of different domestic and import inspection schemes.

Moderator: Sven Anders, University of Alberta

Presentations:
Local Food Impacts on Health and Nutrition
Myra Clarisse Ferrer, Esendugue Greg Fonsah, Octavio Ramirez, and Cesar Escalante, University of Georgia
Health Claims Regulation and Welfare
Rui Huang, University of Connecticut; Alessandro Bonanno, Pennsylvania State University
Supply of Food Safety under Competing Inspection Schemes (Risk Mitigation Strategies)
Eliza M. Mojduszka and James Schaub, USDA-Office of the Chief Economist
Sven Anders and Sabrina Westra, University of Alberta
Concurrent Sessions, Monday, 4:30 pm–6:00 pm

1070 Water Quantity and Distribution
David L. Lawrence Convention Center, Room 402

AAEA Selected Paper Session
The papers in this session focus on water quantity and availability in various settings and sectors.
Moderator: James Roumasset, University of Hawaii

Presentations:
Measuring the Impact of EQIP on Irrigation Efficiency
Steven Wallander, USDA-Economic Research Service; Michael S. Hand, USDA-Forest Service
Investigations on the Impacts of China's Rural Water Policies: From Efficiency and Equity Perspectives
Lan Fang, Shaanxi Normal University
The Role of Irrigation in Determining the Global Land Use Impacts of Biofuels
Farzad Taheripour, Thomas W. Hertel, and Jing Liu, Purdue University
Sequencing Renewables: Groundwater, Recycled Water, and Desalination
James Roumasset and Christopher Wada, University of Hawaii

1071 Biofuel Trade and Economic Impacts
David L. Lawrence Convention Center, Room 403

AAEA Selected Paper Session
This session includes four papers that examine both interregional and intersectoral effects of biofuel markets and related policy.
Moderator: Dileep K. Birur, RTI International

Presentations:
Food vs. Fuel
Cheng Qiu and Michael E. Wetzstein, University of Georgia
International Interlinkages among Biofuel Prices: The Role of Biofuel Policies
Mirolav Rajcaniova, Slovak Agricultural University; Dusan Drabik, Cornell University; Pavel Ciaian, European Commission
Assessing Global Impacts of Expanded U.S. Biofuels Production within a Dynamic General Equilibrium Model
Robert H. Beach, Dileep K. Birur, Lauren Davis, and Martin T. Ross, RTI International
Analyzing Trade Implications of U.S. Biofuels Policies in a General Equilibrium Framework
Dileep K. Birur and Robert H. Beach, RTI International

1072 Risk and Efficiency Issues in Agricultural Lending
David L. Lawrence Convention Center, Room 404

AAEA Selected Paper Session
The papers in this session address issues related to farm financial stress, financial risk and collaterals, debt maturity structure, and efficiency of the agricultural sector.
Moderator: J. Michael Harris, USDA-Economic Research Service

Presentations:
Measuring the Efficiency of the Farm Credit System
Trang Dang and David J. Leatham, Texas A&M University
Collaterals and Financial Risks: Disciplinary or “Lazy Bank” Effect? The Case of Newly Established Wine Farmers
Julien Cadot, Institut Supérieur de Gestion
The Changing Debt Maturity Structure of U.S. Farms
J. Michael Harris and Robert Williams, USDA-Economic Research Service

1073 Biofuel
David L. Lawrence Convention Center, Room 405

AAEA Selected Paper Session
This session includes papers assessing the feasibility and plausible impacts of biofuel on the agricultural sector.
Moderator: Tun-Hsiang Yu, University of Tennessee

Presentations:
Farmers' Willingness-to-Grow Sweet Sorghum as a Cellulosic Bioenergy Crop: A Stated Choice Approach
Jason E. Fewell, Jason Bergtold, and Jeffrey Williams, Kansas State University
Advanced Biofuel Production in Louisiana Sugar Mills: An Application of Real Options Valuation
Paul M. Darby, Louisiana State University; Tyler Mark, Morehead State University; Michael Salassi, Louisiana State University
Analyzing the Economics Values of Alternative Preprocessing Facilities in the Biomass Feedstocks—Biorefinery Supply Chain
Tun-Hsiang Yu, James Larson, Yuan Gao, and Burton English, University of Tennessee
Concurrent Sessions, Monday, 4:30 pm–6:00 pm

1074 Sensory Analysis in Economics: How Sensory Attributes Influence Consumer Willingness-to-Pay
David L. Lawrence Convention Center, Room 406

Invited Paper Session
Researchers attempting to explain consumer willingness-to-pay for food products are increasingly interested in how flavor and other sensory characteristics influence behavior. This session investigates the relationship between sensory analysis and willingness-to-pay experiments used to elicit consumer willingness-to-pay.

Organizer: Lisa House, University of Florida
Moderator: Christiane Schroeter, California Polytechnic State University, San Luis Obispo
Discussant: Dawn Thilmany McFadden, Colorado State University

Presentations:
- Consumer Preference and Willingness-to-Pay for Oak Attributes in Washington Chardonnay
  Jill McCluskey, Washington State University
- Application of Choice Experiments to Elicit Economic Values for Targeted Pear Quality Traits
  R. Karina Gallardo, Washington State University
- Sensory Evaluation and Experimental Auctions: Measuring Willingness-to-Pay for Specific Sensory Attributes
  Lisa House and Zhifeng Gao, University of Florida

1075 Standing on the Shoulders of a Giant: The Broad Reach of Professor Jean Kinsey
David L. Lawrence Convention Center, Room 407

CWAEE, FAMPS, FSN Section, and Senior Section Track Session
Professor Jean Kinsey laid the ground work in a number of areas that we are still puzzling over, including the economics of nutrition, consumer choice, the food industry, and food marketing. Kinsey considered the consumer as more than a simple rational creature who made irrational decisions when it came to choosing foods that “should” have been desirable. This idea is vital to many important topics we address in AAEA. Her influence extended even more widely through her mentoring and extraordinary leadership of AAEA.

Organizer: Andrea Carlson, USDA-Economic Research Service
Moderator: Brian Buhr, University of Minnesota

Presentations:
The Importance of a Leader and Mentor
Laurian Unnevehr, USDA-Economic Research Service
Consumers Are People Who Need to Eat, Sleep, Work, Run a Household, and Pay the Bills
Parke Wilde, Tufts University
Consumers and Their Choices Matter in the Food Industry
Victoria Salin, Texas A&M University
Why Should a Great Researcher and Leader Spend Time on Mentoring and Teaching?
Paul McNamara, University of Illinois at Urbana-Champaign

1076 Of Mice and Men and Women: Research on the Economics of Obesity, Dietary Quality, and Health
David L. Lawrence Convention Center, Room 408

AAEA Selected Paper Session
Empirical research, including experimental economics research on mice, is presented in these papers that examine the economics of obesity and the economics of diet and health.

Moderator: George Davis, Virginia Tech

Presentations:
Food Prices and Blood Cholesterol
Ilya Rahkovsky and Christian A. Gregory, USDA-Economic Research Service
Will Eating More Fruits and Vegetables Trim Our Body Weight?
Minh Wendt and Biing-Hwan Lin, USDA-Economic Research Service
Using Self-reported Dietary Behavior to Explain Health Care Cost for University of Kentucky Employees
Michelle L. Kibler, University of Kentucky
The Interaction of Obesity Related Genotypes, Phenotypes, and Economics: An Experimental Economics Approach with Mice
George Davis, Johanna Jacob, and Deborah Good, Virginia Tech

1077 Cotton Trade Issues
David L. Lawrence Convention Center, Room 409

AAEA Selected Paper Session
The presentations in this session explore different issues related to the trade of cotton: U.S. exports, U.S.-Brazil dispute, tariff escalation, and U.S.-Africa competition.

Moderator: Stephen MacDonald, USDA-Economic Research Service

Presentations:
Competition between the United States and Africa in Agricultural Trade: A Focus on Cotton Import Demand in China
Andrew Muhammad, Lihong McPhail, and James Kiawu, USDA-Economic Research Service
Cross-retaliation at the WTO: Impacts of a No Deal in the U.S.-Brazil Cotton Dispute
Csilla Lakatos, Purdue University
Does Tariff Escalation Affect the Export Shares: Evidence from the Global Trade of Cotton and Coffee?
Badri Narayanan Gopalakrishnan, Purdue University; Sangeeta Khorana, Aberystwyth University
Toward a Consumer Economy in China: Implications for U.S. Cotton Exports of Changing Wage Policies
Stephen MacDonald, USDA-Economic Research Service; Suwen Pan and Darren Hudson, Texas Tech University; Francis Tuan, USDA-Economic Research Service
Concurrent Sessions, Monday, 4:30 pm–6:00 pm

1078  Land Use, Land Practices, and Valuation
David L. Lawrence Convention Center, Room 410

AAEA Selected Paper Session
Land use choices have a profound impact on households. Given growing population pressures and a changing climate, understanding the welfare impact of land use decisions is more important than ever. An active area of research considers the dynamics of land use changes, the value of changes in land use, and the importance of agricultural land use on consumer welfare. These papers contribute to our understanding of land use decisions and how these decisions impact human welfare.

Moderator: Pavel Ciaian, European Commission

Presentations:
Consumer Perceptions of Sustainable Farming Practices: A Best-Worst Scenario
Hillary Sackett, Michigan State University

A Dynamic Spatial Model of Exurban Land Development
Yong Chen, Oregon State University; Elena Irwin and Ciriyan Jayaprakash, The Ohio State University

Measuring the Welfare Loss to Landowners of Future Geographic Shifts in the Suitable Habitat for Vegetation Due to Climate Change
Peter Howard, University of California, Davis

The Value of EU Agricultural Landscape
Pavel Ciaian and Sergio Gomez y Paloma, European Commission

1079  Econometric Methods in Household and Labor Economics
David L. Lawrence Convention Center, Room 411

AAEA Selected Paper Session
This session addresses a wide array of econometric issues. Among other topics, IV methods, shocks, income inequality, and CGE methods are considered.

Moderator: Jason P. Brown, USDA-Economic Research Service

Presentations:
The Integration of Palestinian-Israeli Labour Markets: A CGE Approach
Dorothee Flaig, Khalid H. A. Siddig, Harald Grethe, and Jonas Luckmann, Universität Hohenheim; Scott McDonald, Oxford Brookes University

Comparison of Approaches to Measuring the Causes of Income Inequality
Monthien Satimanon, Michigan State University

The Impacts of Change in Local Industrial Composition on Off-farm Labor Supply and Wage Earnings
Jason P. Brown, USDA-Economic Research Service

1080  Topics in Disasters and Waste Management
David L. Lawrence Convention Center, Room 319

NAREA Selected Paper Session
Disasters and waste have the potential to severely and negatively impact regional ecosystems if not managed appropriately. This session includes papers that address the measurement of toxic waste and investigation of best practices for managing household solid waste. To address disaster management, papers on responses to natural disasters and oil spills are also included in this session.

Moderator: William Wheeler, U.S. Environmental Protection Agency

Presentations:
Using Matching Estimators to Evaluate the Impact of Unit Based Pricing on Household Solid Waste Disposal
John Halstead and Christopher Wright, University of New Hampshire

Oil Spills: Does Commercial Fishing Always Lose?
Beverly Fernandez and Farhed Shah, University of Connecticut

Application of a Network Science Approach to Post-conflict/Post-disaster Food System Reconstruction
Lynndee A. Kemmet, U.S. Military Academy at West Point

The Effect of Estimation Basis on Reported TRI Releases
William Wheeler, U.S. Environmental Protection Agency

1081  Water Resources
David L. Lawrence Convention Center, Room 320

NAREA Selected Paper Session
This session focuses on our collective water resources. These studies use a variety of perspectives and methodologies to examine both household and economy-wide use of water.

Moderator: Jordan Suter, Oberlin College

Presentations:
An Experimental Investigation of Groundwater Resource Dynamics
Jordan Suter, Oberlin College; Holly Michael, Kent Messer, and Joshua Duke, University of Delaware

The Rising Cost of Groundwater Depletion: Poverty and Policy Implications
Christopher Jeffords and Farhed Shah, University of Connecticut

How Do Households Choose Water Sources? Assessing the Tradeoffs Between Time, Money, and Water Quality in Rural Ethiopia
Lea K. Fortmann, The Ohio State University; Joseph Cook, University of Washington

U.S. Agriculture Water Conservation in the Face of Emerging Demands and Climate Change
Glenn D. Schaible and Marcel Aillery, USDA-Economic Research Service
Concurrent Sessions, Monday, 4:30 pm–6:00 pm

**Benefits Transfer and Nonmarket Valuation**

*David L. Lawrence Convention Center, Room 321*

**NAREA Selected Paper Session**

Benefit transfer researchers are increasingly exploring meta-analysis as a means to estimate welfare measures that may be adjusted for the attributes of the policy under consideration. This session includes papers that address methods for which current data on spatial value patterns, recreational hunting, and coral reefs can be used to inform policy in cases where primary data are unavailable. The session concludes with an application on how simulation models can be used to develop an intuitive understanding of natural resource economics.

**Moderator:** Robert Johnston, George Perkins Marsh Institute

**Presentations:**

Spatially Augmented Meta-regression Analysis: Implications for Benefit Transfer  
*Mahesh Ramachandran, Clark University; Robert Johnston, George Perkins Marsh Institute*

Evaluating Benefit Transfers with Heterogeneous Resources and Primary Study Methods: A Meta-analysis of International Coral Reef Values  
*Robert Johnston, George Perkins Marsh Institute; Luz Londono-Diaz, Instituto de Investigaciones Marinas y Costeras-INVEMAR*

Using STELLA Simulation Models to Teach Natural Resource Economics  
*Sahan Dissanayake, University of Illinois at Urbana-Champaign*

No Income, No Trip, No Problem? Using Existing Wildlife Harvest Data to Estimate Recreation Demand Models  
*Scott D. Knoche and Frank Lupi, Michigan State University*
Concurrent Sessions, Tuesday, 8:00 am–9:30 am

2001  Expectations, Perceptions, and Requirements for Academic Tenure
David L. Lawrence Convention Center, Room 303

AEM Section and GSS Track Session
Tenure requirements are important to all professional academics, although they are of eminent concern to graduates that will be entering the academic job market. This session will describe the state of agricultural economics and agribusiness programs and demands placed on their faculty. A presentation will include results from data on the expectations, perceptions, and requirements for tenure among agribusiness programs, based on a forthcoming article in International Food and Agribusiness Management Review. A panel of department heads and junior faculty will discuss their perceptions of the survey's findings and their own experiences. A moderated discussion will follow as time allows.

Organizers: Michelle Mullins Santiago, Sam Houston State University; Shannon Sand, Oklahoma State University
Moderator: Michelle Mullins Santiago, Sam Houston State University
Panelists: Kathleen Brooks, West Texas A&M University; Tyler Mark, Morehead State University; Loren Tauer, Cornell University; GianCarlo Moschini, Iowa State University

Presentations:
Assistant to Associate: What Is Required to Get Promoted, an International Survey
Joshua Detre, Louisiana State University; Frank J. Dooley, Purdue University; Michael Gunderson, University of Florida; Whitney Peake, Murray State University

2002  Tapping Buoyant Global Commodity Markets: Secrets of Success for Developing Competitive Commercial Agriculture
David L. Lawrence Convention Center, Room 304

International Section Track Session
The commodity market boom experienced for the past decade has to a large extent been provisioned by a select group of middle income countries from South America, Southeast Asia, and Eastern Europe. Sub-Saharan Africa has been losing market share but governments and private investors have recently been gearing up to tap its potential, as witnessed by recent headlines on land grabs in that region. This session will review recent experiences, with particular attention to lessons for Africa from countries such as Brazil, Uruguay, Thailand, Malaysia, and Indonesia, all of which have captured increasing shares of world markets in recent years.

Organizer: Derek Byerlee, Independent Scholar
Discussant: John Staatz, Michigan State University

Presentations:
Growing Market Share and the Role of Policy Incentives for Competitive Industries in Latin America and Southeast Asia: The Good, the Bad, and the Ugly
Derek Byerlee, Independent Scholar
Role of Public and Private R&D and Spill-ins in Developing Competitive Commercial Agriculture
Carl E. Pray, Rutgers, The State University of New Jersey
Africa’s Sleeping Giant: Developing Competitive Commercial Agriculture in the Guinea Savanna and Beyond
Michael Morris, World Bank

2003  Strategies for Successful Student Recruitment in Applied Economics
David L. Lawrence Convention Center, Room 305

COSBAE and TLC Section Track Session
Agricultural and applied economics programs have significantly underperformed in terms of producing college graduates in comparison to colleges of agriculture and natural resources. Yet, the USDA recently reported fewer qualified graduates than employment opportunities in agribusiness management, with colleges of agriculture and natural resources providing just over half of those students. Clearly there is demand for more qualified graduates in applied economics, yet many programs struggle to attract students. This symposium will examine recruitment efforts at a diverse set of institutions, highlighting successful college-level recruitment strategies, as well as more targeted efforts directed at particular programs and minority populations.

Organizers: Molly Espey and Kathryn Boys, Clemson University
Moderator: Penelope Diebel, Oregon State University

Presentations:
The Recruitment Benefits of Being "Hip, Young, and Relevant"
Audrey Denney and Jacob Brimlow, California State University, Chico
Testing the Efficacy of Traditional (and Less Traditional) Recruiting Strategies
Cheryl Wachenheim, North Dakota State University
Lessons Learned in Recruiting Millennials into Food and Agribusiness Industries
Kenrett Jefferson-Moore, North Carolina A&T State University
Variation in College of Agriculture Recruitment Strategies across the Country
Kathryn Boys, Molly Espey, Hannah Bagby, and Michelle Gottfried, Clemson University
Concurrent Sessions, Tuesday, 8:00 am–9:30 am

2004  Rural Development Policy in Perspective: An International Comparison of OECD Countries
David L. Lawrence Convention Center, Room 310

CENET Track Session
The purpose of this session is to provide insights into the mechanisms from which rural policies are established across OECD countries and to identify lessons learned from multiple policy arenas. In the United States, rural policy, while nominally under the direction of USDA, is really a loose collection of independent policies that address specific objectives in rural places and is largely unconnected to agricultural policy. By contrast, in the EU, rural policy has become an integral part of the Common Agricultural Policy and there are strong connections between sector-based agricultural policy and place-based rural policy.

Organizers: Jason P. Brown, USDA-Economic Research Service; David Freshwater, University of Kentucky
Moderator: Jason P. Brown, USDA-Economic Research Service

Presentations:
One Sixth of the Nation: Rural Policy, Its Evolution, and Current Status in the United States and Canada
Mark Lapping, University of Southern Maine
The Rural Policy Pillar in the EU (un)Common Agricultural Policy
Thomas Johnson, University of Missouri
Rural Policy in OECD Countries: Different Approaches to Similar Issues
David Freshwater, University of Kentucky

2005  A Session in Honor and Memory of Catherine Morrison Paul
David L. Lawrence Convention Center, Room 311

Econometrics Section Track Session
This session celebrates and honors the academic contributions of Catherine Morrison Paul (1953–2010). The first paper reviews her major work and its impact in the fields of productivity and efficiency measurement, applied econometrics, and general economics. Two original papers will be presented with cutting edge work in fields where Morrison Paul was a leader. Emvalomatis and Stefanou develop a process for measuring dynamic efficiency using a model of firm behavior allowing suboptimal decision making with respect to investment. Kumbhakar starts from a nonparametric input distance function to show that total factor productivity growth formulation becomes a semiparametric smooth coefficient model.

Organizer: Jeffrey Dorfman, University of Georgia
Moderator: Susan Capalbo, Oregon State University

Presentations:
A Review and Celebration of the Work of Catherine Morrison Paul
Lilyan Fulginiti, University of Nebraska; Jeffrey Dorfman, University of Georgia
Investment Decisions and Dynamic Efficiency Measurement under Uncertainty
Spiro Stefanou, Pennsylvania State University; Grigorios Emvalomatis, Wageningen University
Productivity and Profitability: A Nonparametric/Semiparametric Approach
Subal Kumbhakar, State University of New York; Gudbrand Lien, Norwegian Agricultural Economics Research Institute

2006  Food Consumption Challenges in the 21st Century: Trust, Technology, Food Safety, and the Demand for Food
David L. Lawrence Convention Center, Room 315

FSN Section and IBES Track Session
Trust is multidimensional. This holds for the relationship between technology or food safety incident, trust and food consumption. This session provides research on the impact of trust on consumers’ food consumption, trust toward food in general and food packaging in particular and the mediating impact of knowledge on trust in food. Results presented come from studies conducted in France, Germany, the United Kingdom, the United States, and Canada applying different techniques like consumption analysis and stated and revealed preference behavior modeling. This session is organized by FSN section members belonging to the Network on the Economics of Food Choice and Health.

Organizers: Jutta Roosen and Larissa Drescher, Technische Universität München
Moderator: Monika Hartmann, University of Bonn

Presentations:
Perception of Food Nanotechnology, Trust, and Knowledge
Jutta Roosen and Andrea Bieberstein, Technische Universität München
The Canadian Listeriosis Outbreak: Is Trust Linked to Consumers’ in Food Away from Home Consumption?
Larissa Drescher, Technische Universität München; Ellen Goddard and Jeewani R. Fernando, University of Alberta
Trust in Food in the UK
Derrick Jones, U.K. Food Standards Agency
Trust toward Food Packaging: Natural vs. Chemical Reactions
Carola Grebitus, University of Bonn; Helen Jensen, Iowa State University; Jutta Roosen, Technische Universität München

David L. Lawrence Convention Center, Room 316

AAEA Organized Symposium
Analysis of the implications of agricultural or resource policies, or other internal and external shocks on the U.S. agriculture require accurate and timely data on the financial condition of the farm sector. Given these changes in the farm sector, the Economic Research Service of the USDA has convened an outside review of the ARMS to determine whether the financial statements generated provide an accurate depiction of the financial condition of the farm sector. This symposium will present a synthesis of a panel that addressed these topics in early April 2011.

Organizer: Charles Moss, University of Florida
Moderator: Allen Featherstone, Kansas State University
Panelists: Charles Moss, University of Florida; Allen Featherstone, Kansas State University; Mitch Morehart, USDA-Economic Research Service
Discussants: Ani L. Katchova, University of Kentucky; Brian Briggseman, Federal Reserve Bank of Kansas City, Norwegian Agricultural Economics Research Institute
Concurrent Sessions, Tuesday, 8:00 am–9:30 am

2008  Some of Your Data Is Imputed: What Should You Do?
      David L. Lawrence Convention Center, Room 317

AAEA Organized Symposium
Many government statistical agencies, including the USDA's NASS and ERS, impute for missing data in the surveys they collect. What should the analyst do with this imputed data? In particular, if the analyst's model is different from the imputer's model, how does this affect the results of the analysis? How should standard errors be adjusted to take into account the fact that some of the data is imputed? In this session we explore answers to these questions.

Organizer: T. Kirk White, USDA-Economic Research Service
Moderator: Sujit Ghosh, North Carolina State University
Panelists: Phillip Kott, RTI International; Ashok Mishra, Louisiana State University; Michael Robbins, National Institute for Statistical Sciences

Presentations:
Using a Delete-a-Group Jackknife to Measure the Variance of an Estimator When There Is Item Imputation
Philip Kott, RTI International
Evaluating the Importance of Panel Random Effects Modeling on within, between and Total Variance Associated with Multiple Imputations of Missing Data
Saleem Shaik, North Dakota State University; Ashok Mishra, Louisiana State University
What Happens When the Analyst's Model Differs from the Imputer's Model? Some Examples from the Agricultural Resource Management Survey
T. Kirk White, USDA-Economic Research Service; Michael Robbins, National Institute for Statistical Sciences

2009  Private and Public Pollution Prevention Programs
      David L. Lawrence Convention Center, Room 318

AERE Session
Presentations:
Fiscal Incentives and Pollution Infrastructure: The Case of Sewage Treatment in China
Antung Anthony Liu, University of California, San Diego; Junjie Zhang, Duke University
What Do Property Values Really Tell Us? A Hedonic Study of Pollution from Underground Storage Tanks
Dennis Guignet, University of Maryland
Motives for Pollution Prevention (P2): P2 Types and Facility Characteristics
Donna Ramirez Harrington, University of Vermont
Does Self-regulation Improve Worker Safety? Responsible Care in the Chemical Industry
Shanti Gamper-Rabindran, University of Pittsburgh; Stephen Finger, University of South Carolina

2010  Pathways: Mentoring in the Agricultural and Applied Economics Profession (Part I)
      David L. Lawrence Convention Center, Room 319

AAEA Organized Symposium
Anyone interested in building or participating in a mentorship program will benefit from attending this two-part session. The presenters will discuss components of an effective mentorship program and will share their personal mentorship experiences. Ideas and discussion from this session will be used to direct the development of a new AAEA mentorship program.

Panelists: Nora Dominguez, University of New Mexico; Elizabeth Hoffman, Iowa State University; Jill McCluskey, Washington State University
Discussant: Sharon Fitzpatrick, The Training Connection, Inc.

2011  Understanding Factors Affecting Nutrition Status
      David L. Lawrence Convention Center, Room 329

AAEA Selected Paper Session
The papers in this session address issues related to the widespread under nutrition in African and South Asia. In each of these papers, nutrition status is linked to nutrient composition of food, nutrient supplement, access and use of clean fuel, and household’s economic condition. Women and children’s nutrition status is the focus of these studies.

Moderator: Katherine P. Adams, University of California, Davis
Presentations:
Nutritional Status and Access to Clean Fuels: Evidence from South Asia
Priya Bhagowalia and Parul Gupta, TERI University
How Effective Are Cash Transfer Programs at Improving Nutritional Status?: A Systematic Review of Programs’ Effects on Anthropometric Outcomes
Seth Gitter and James Manley, Towson University
Nutrition in Central Uganda: An Estimation of a Minimum Cost Healthy Diet
Keelethoko Badirwang, Gertrude Nakakeeto, Jeta Rudi, and Daniel Taylor, Virginia Tech
Information, Experience, and Willingness-to-Pay for a New Maternal Nutrient Supplement
Katherine P. Adams, Stephen Vosti, and Travis Lybbert, University of California, Davis
Concurrent Sessions, Tuesday, 8:00 am–9:30 am

2012  Invasives and Pests  
David L. Lawrence Convention Center, Room 330  

AAEA Selected Paper Session  
The papers in this session discuss the optimal control and impacts of invasive species and pests.  

Moderator: Brian Adam, Oklahoma State University  

Presentations:  
Economics of Controlling Invasive Species: A Stochastic Optimisation Model for a Spatial-dynamic Process  
Morteza Chalak, Maksym Polyakov, and David Pannell, University of Western Australia  
Predicting Potential Invasive Species Distribution: An Application to New Zealand Mudsnaills in the Pacific Northwest  
Youngah Lim, Munisamy Gopinath, Samuel Chan, and Michael Harte, Oregon State University  
How Does Insect Resistance to Phosphine Affect the Cost of Insect Control in Stored-Grain?  
John Mann II and Brian Adam, Oklahoma State University  

2013  In Vino Veritas: Wine Consumers’ Preferences and Knowledge  
David L. Lawrence Convention Center, Room 401  

AAEA Selected Paper Session  
This session includes four papers on the value of wine attributes to consumers.  

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

Presentations:  
Experimental Analysis of Willingness-to-Pay for Attributes of Wine: Integration of Economics and Sensory Science  
Christopher Gustafson, Travis Lybbert, and Daniel Sumner, University of California, Davis  
Splendide Mendax? False Label Claims about the High and Rising Alcohol Content of Wine  
Julian Alston, Kate B. Fuller, and James T. Lapsley, University of California, Davis; George Soleas, Liquor Control Board of Ontario; Kabir Tumber, University of California, Davis  
Pricing Attributes of Wines from Emerging Suppliers on the British Columbia Market  
Veronica Yoo and Wojciech J. Florkowski, University of Georgia; Richard Carew, Agriculture and Agri-Food Canada  
Two Buck Chuck and Wine Quality: Hedonic Price Analysis of Cool Climate Wines  
Christiane Schroeter and Jennifer Ritchie, California Polytechnic State University, San Luis Obispo; Bradley Rickard, Cornell University  

2014  Organic Food Marketing and Traceability  
David L. Lawrence Convention Center, Room 402  

AAEA Selected Paper Session  
This session will explore organic food marketing issues from the farmer to retail perspective. One paper will also discuss traceability using RFID technology.  

Moderator: Ronald Larson, Western Michigan University  

Presentations:  
Assessing the Technical and Allocative Efficiency of Marketing Decisions by U.S. Organic Producers  
Luanne Lohr and Timothy Park, USDA-Economic Research Service  
Identifying Significant Characteristics of Organic Milk Consumers: A CART Analysis  
Chris Kanter, University of Wisconsin; Kent Messer, University of Delaware; Harry Kaiser, Cornell University; Zhuo Liu, University of Delaware  
Slotting Fees for Organic Retail Products: Evidence from a Survey of U.S. Food Retailers  
I. Julia Marasteanu and Edward Jaenicke, Pennsylvania State University; Carolyn Dimitri, New York University  
Consumer Support for Food Tracing with RFID Technology  
Ronald Larson and Kulmani Rana, Western Michigan University  

2015  High Calorie Food Policies  
David L. Lawrence Convention Center, Room 403  

AAEA Selected Paper Session  
The papers in this session examine alternative policies to address obesity in the U.S. including nutrition labeling, taxes, and bans.  

Moderator: George Davis, Virginia Tech  

Presentations:  
Incentive Design to Enhance the Reach of a Weight Loss Program  
Wen You, Ali Hashemi, Kevin Boyle, and Paul A. Estabrooks, Virginia Tech; Christopher Parmeter, University of Miami; Barbara Kanninen  
Partial vs. General Equilibrium Calorie and Revenue Effects of a Sugar-sweetened Beverage Tax  
Senarath Dharmasena, Texas A&M University; George Davis, Virginia Tech; Oral Capps Jr., Texas A&M University  
The Effect of Alternative Nutrition Menu Labels on Children’s Meals Purchases and Parent-Child Decision Making  
George Davis, Ashley Holmes, and Elena Serrano, Virginia Tech
Concurrent Sessions, Tuesday, 8:00 am–9:30 am

2016  Water and Air Quality Policy
David L. Lawrence Convention Center, Room 404

AAEA Selected Paper Session
This session includes papers on air and water quality policy with a focus on nonpoint source problems and policy solutions.

Moderator: Wei Zhang, University of California, Davis

Presentations:
Nonpoint Source Abatement Costs in the Kentucky River Watershed
Zheng Liu, Jack Schieffer, Wuyang Hu, and Angelos Pagoulatos, University of Kentucky

A Pollution Trading System with Cost Asymmetry: An Application to Nonpoint Source Trading in the Boone River Watershed
Adriana M. Valcu and Catherine Kling, Iowa State University

The Effects of Driving Restrictions on Air Quality: São Paulo, Bogota, Beijing, and Tianjin
C.-Y. Cynthia Lin and Wei Zhang, University of California, Davis

2017  Farmland Conservation and CRP
David L. Lawrence Convention Center, Room 405

AAEA Selected Paper Session
The structure and effectiveness of the various farmland conservation programs are examined, including CRP, conservation easements, and the conservation movement in general.

Moderator: Felix Jens Spinelli, USDA-Natural Resources Conservation Service

Presentations:
Using Carbon Offsets to Fund Agricultural Conservation Practices in a Working-lands Setting
Carson Jon Reeling and Benjamin M. Gramig, Purdue University

The Effects of Competition on Conservation Reserve Program Enrollments: Does Competition for Enrollment Induce Greater Environmental Provisions and Reduced Program Rental Payments?
Keri L. Jacobs, Iowa State University

Land Retirement Program Design and Empirical Assessments in the Presence of Crop Insurance Subsidies
David Hennessy, Ruiqing Miao, and Hongli Feng, Iowa State University

Pros and Cons of a Reverse Auction to Appraise and Select Conservation Easements from the Standpoint of Easement Purchasers
Felix Jens Spinelli, USDA-Natural Resources Conservation Service

2018  Experiments with Farmers: Risk, Ambiguity, and Discounting
David L. Lawrence Convention Center, Room 406

Invited Paper Session
The three papers in this session estimate farmer preferences towards risk, ambiguity, and discounting. Each paper utilizes experimental methods and farmers as subjects to extend the current research on these topics. These topics are of interest to economists beyond the fields of agricultural and resource economics, but through extension programs our field stands in an advantageous position to utilize this subject pool.

Organizer: David Herberich, University of Chicago

Moderator: Brian E. Roe, The Ohio State University

Presentations:
Do Late Adopters of Best Management Practices Have Higher Discount Rates: Experimental Evidence
Nathaniel Higgins, USDA-Economic Research Service

Further Explorations into Background Risk: Risk and Ambiguity Experiments with Farmers
David Herberich, Steven Levitt, and John List, University of Chicago

Average, Marginal and Dynamic Risk Responses: Experimental Evidence from Rainfed Cereal Farmers in Morocco
David R. Just, Cornell University

2019  Policy Options and Consequences for the 2012 Farm Bill
David L. Lawrence Convention Center, Room 407

Extension Section and Senior Section Track Session
Putting aside the political hoopla that surrounds the development of a farm bill, much applied economic research has been undertaken on the economic impacts of the policy options for the 2012 Farm Bill. The purpose of this organized symposium is to summarize the results of that research in a manner that can be readily understood by policy makers and can be utilized by those who are responsible for policy education and outreach.

Organizers: Ronald Knutson and Joe Outlaw, Texas A&M University

Moderator: Ronald Knutson, Texas A&M University

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

Presentations:
Continuing the Current Farm Program
Patrick Westhoff, University of Missouri

Crop Revenue
Glenn Barnaby, Kansas State University

Whole Farm Revenue
Joe Outlaw and James Richardson, Texas A&M University
Concurrent Sessions, Tuesday, 8:00 am–9:30 am

**2020**  
**Income Enhancement and Risk Management in Various Farm Businesses**  
*David L. Lawrence Convention Center, Room 408*

**AAEA Selected Paper Session**  
The papers consider whole-farm profitability analysis, price hedging behaviors, price forecasting, and index insurance issues.  
**Moderator:** Timothy A. Delbridge, University of Minnesota

**Presentations:**  
Forecasting Housing Prices: Dynamic Factor Model vs. Factor-augmented Vector Autoregressive Model  
Yarui Li and David J. Leatham, Texas A&M University

The Impact of Price Induced Hedging Behavior on Commodity Market Volatility  
Nathan Kauffman and Dermot J. Hayes, Iowa State University

Modeling Temperature Dynamics for Aquaculture Index Insurance in Taiwan: A Nonlinear Quantile Approach  
Shu-Ling Chen, National Tsing Hua University

A Whole-Farm Profitability Analysis of Organic and Conventional Cropping Systems  
Timothy A. Delbridge, Robert P. King, William Lazarus, Jeffrey A. Coulter, and Carmen Fernholz, University of Minnesota

**2021**  
**Production Function Estimation**  
*David L. Lawrence Convention Center, Room 409*

**AAEA Selected Paper Session**  
This session includes papers on the estimation of production functions and investigation of productivity and technical efficiency.  
**Moderator:** Amin Mugera, University of Western Australia

**Presentations:**  
Estimating Crop Rotations as Dynamic Cycles Using Field Data  
Duncan MacEwan and Richard Howitt, University of California, Davis

Investigating Acreage Choices Accounting for Crop Rotation Effects and Constraints  
Alain Carpentier, Alexandre Gohin, and Elodie Letort, Institut National de la Recherche Agronomique

Does Duality Theory Hold in Practice? A Monte Carlo Analysis  
Francisco Rosas and Sergio Lence, Iowa State University

Measuring Technical Efficiency of Dairy Farms with Imprecise Data  
Amin Mugera, University of Western Australia

**2022**  
**Farm-level Food Safety and Food Taxes**  
*David L. Lawrence Convention Center, Room 410*

**AAEA Selected Paper Session**  
Recent legislation with passage of the Food Safety Modernization Act has increased focus on ensuring food safety through increasing prevention programs that go all the way to the farm level. This session explores food safety issues at the farm level as well as related animal health economics related to containment of highly contagious diseases that affect food safety perceptions and the global marketplace.  
**Moderator:** Fengxia Dong, University of Wisconsin

**Presentations:**  
Accounting for Product Substitution in the Analysis of Food Taxes Targeting Obesity  
Zhen Miao, John Beghin, and Helen Jensen, Iowa State University

The Impacts of Foot and Mouth Disease Outbreaks on the Brazilian Beef Industry  
Rafael Costa, David Bessler, and C. Parr Rosson, Texas A&M University

Impacts of the Small Firms’ Exemption in the FDA Food Safety Modernization Act  
Sebastien Pouliot, Iowa State University

Quantifying Food Safety in U.S. Hog Farms Using a Composite Indicator  
Fengxia Dong and Xiaodong Du, University of Wisconsin; Helen Jensen, Iowa State University

**2023**  
**Agricultural Technology and Trade**  
*David L. Lawrence Convention Center, Room 411*

**AAEA Selected Paper Session**  
This session features four presentations on the role of technology in agricultural trade. Issues discussed include production efficiency, technical change, trade induced increase in productivity, and information costs.  
**Moderator:** Jingbo Cui, Iowa State University

**Presentations:**  
Do Exports Raise Productivity? Plant-Level Evidence from the Colombian Agri-food Industries  
Ivan Kandilov and Xiangping Liu, North Carolina State University

Information Cost as a Prior Hurdle to Exporting  
Xuan Wei and Suzanne Thornsbury, Michigan State University

The Environment, Trade, Growth, and Directed Technical Change with Heterogeneous Firms  
Jingbo Cui, Iowa State University
**Concurrent Sessions, Tuesday, 8:00 am–9:30 am**

### 2024 Weather Risk and Index Insurance
*David L. Lawrence Convention Center, Room 412*

**AAEA Selected Paper Session**
The papers in this session investigate the complex interaction between weather and production using a range of approaches. These approaches are used to develop and evaluate index and derivative products to assist in mitigating weather risk.

**Moderator:** Leonardo Sanchez II, Texas A&M University

**Presentations:**
- Spatio-temporal Modeling of Wildfire Risks in the U.S. Forest Sector
  *Xuan Chen and Barry Goodwin, North Carolina State University*
- Investigating Demand for Weather Index Insurance: Evidence from Ethiopia
  *Michael Norton, Columbia University; Nicole Peterson, University of North Carolina at Charlotte; Mengesha Gebremichael, Relief Society of Tigray; Eric Holthaus, Columbia University; Conner C. Mullally, University of California, Davis; Daniel Osgood, Columbia University*
- Application of Weather Derivatives in Multi-period Risk Management
  *Leonardo Sanchez II and Dmitry Vedenov Sr., Texas A&M University*

### 2025 Nonmarket Valuation: Water Resource Management
*David L. Lawrence Convention Center, Room 413*

**AAEA Selected Paper Session**
Water resources provide a range of private and public benefits. This session assembles a diverse set of nonmarket valuation studies that each address a contemporary water resource management or policy issue. The nonmarket valuation methods used include choice experiments, hedonic pricing, benefits transfer, and propensity score matching. The water resource topics addressed are stormwater runoff management, point source pollution, urban water resources, and the development of surface water valuation indices.

**Moderator:** Amy Ando, University of Illinois at Urbana-Champaign

**Presentations:**
- Negative Externalities on Property Values Resulting from Water Impairment: The Case of the Pigeon River Watershed
  *Seong-Hoon Cho, Roland K. Roberts, and SeungGyu Kim, University of Tennessee*
- The Value of Water as an Urban Club Good: A Matching Approach to HOA-Provided Lakes
  *H. Allen Klaiber, Pennsylvania State University; Joshua Abbott, Arizona State University*
- Estimation of a Surface Water Quality Value Index for the Appalachian Region
  *Arun KC and Alan Collins, West Virginia University*
- Valuing Preferences over Stormwater Management Outcomes Given Loss Aversion and Status Quo Heterogeneity
  *Catalina Londono and Amy Ando, University of Illinois at Urbana-Champaign*

### 2026 Invited Paper Session Featuring Selected Case Studies
*David L. Lawrence Convention Center, Room 414*

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

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

**Moderator:** James Beierlein, Pennsylvania State University

**Discussant:** Conrad Lyford, Texas Tech University

**Presentations:**
- Is the Baja California Mexico Wine Industry a Cluster?
  *Carlos Trejo-Pech and Rodrigo Arellano-Sada, Universidad Panamericana; Richard N. Weldon, University of Florida; Alfredo Coelho, UMR MOISA*
- Capturing Demand for Functional Foods
  *Suzanne Thornsberry, Michigan State University*
- How the Cookie Crumbles: The Case of Gluten-free Cookies
  *Norbert Wilson, Auburn University*

### 2027 Agricultural R&D, Innovation, and Productivity
*David L. Lawrence Convention Center, Room 415*

**AAEA Selected Paper Session**
These papers examine the impact of R&D policy on agricultural productivity and innovation, with empirical applications in the United States as well as developing nations.

**Moderator:** Guanming Shi, University of Wisconsin

**Presentations:**
- Industry-University Connections in Agriculture: Do University Collaborations and Knowledge Flows Influence Private Agricultural Research Productivity?
  *John King and Andrew Toole, USDA-Economic Research Service*
- Agricultural Productivity, Climate Change, and Water Availability in Sub-Saharan Africa
  *Aziza Kibonge, University of Nebraska*
  *Jessica Schuring, Wallace Huffman, and Xing Fan, Iowa State University*
- Modeling Agricultural Innovation in a Rapidly Developing Country: The Case of Chinese Pesticide Industry
  *Guanming Shi, University of Wisconsin; Carl E. Pray, Rutgers, The State University of New Jersey*
Concurrent Sessions, Tuesday, 8:00 am–9:30 am

2028  International Trade and Energy
David L. Lawrence Convention Center, Room 320

**NAREA Selected Paper Session**
In recent years, several studies have examined the determinants of Foreign Direct Investment (FDI) in terms of volume and composition. This session includes papers that expand upon this research by addressing the impact of lobbying, intellectual property rights, and feedback effects of growth and development on FDI. The session concludes with an investigation of the environmental impacts and legal and public policy uncertainties of natural gas extraction accomplished through deep horizontal drilling and hydro-fracturing.

**Moderator:** Titus O. Awokuse, University of Delaware

**Presentations:**
- Does Foreign Lobbying Influence U.S. Trade Policy?  
  Titus O. Awokuse and Olufemi D. Bolarinwa, University of Delaware
- Exploring the Causal Links between FDI and Economic Growth for Small Open European Economies  
  Ruizhi Xie and Titus O. Awokuse, University of Delaware
- Foreign Direct Investment and Intellectual Property Rights: Evidence from the Knowledge-Capital Model  
  Lu Fang and Titus O. Awokuse, University of Delaware

2029  Analysis of Property Values: Theory and Applications
David L. Lawrence Convention Center, Room 321

**NAREA Selected Paper Session**
Property constitutes a large portion of individual wealth and, as such, is an important component of cost-benefit analyses and environmental valuation. This session includes papers that focus on the measurement of property values, how they change over time, and how they are impacted by local amenities and disamenities.

**Moderator:** Allison Borchers, USDA-Economic Research Service

**Presentations:**
- Values in the Wind: A Hedonic Analysis of Wind Power Facilities  
  Martin Heintzelman and Carrie M. Tuttle, Clarkson University
- The Dynamics of Farm Real Estate Values During the Housing Price Bubble: Evidence from New York State  
  Todd H. Kuethe, Allison Borchers, Cynthia Nickerson, and Mitch Morehart, USDA-Economic Research Service
- Assessing the Effects of Forest Land Conservation: A Spatial Hedonic Approach  
  Sudiksha Joshi and Michael P. Strager, West Virginia University
Concurrent Sessions, Tuesday, 10:30 am–12:00 pm

2030  The Ethics and Economics of Agri-food Competition  
David L. Lawrence Convention Center, Room 303

AEM Section and IBES Track Session  
One of the most contentious issues in agriculture is the nature of competition resulting from the consolidation and globalization of agri-food markets. The USDA and Department of Justice have been holding cross-country workshops on agricultural competition. Speaking in the opening session, US Attorney General said, “Is today's agriculture industry suffering from a lack of free and fair competition in the marketplace? That's the central question.” The purpose of this session is to explore answers to the question of whether there is adequate competition in the agri-food sector by presenting economic and ethical analyses of the state of agricultural competition.

Organizer: Harvey James, University of Missouri  
Moderator: Harvey James, University of Missouri

Presentations:
- The Fallacy of “Competition” in Agriculture  
  Michael Sykuta, University of Missouri
- Efficiency, Power, and Freedom  
  C. Robert Taylor, Auburn University
- Agricultural Contracting and Competition  
  Ani L. Katchova, University of Kentucky
- Industrial Clusters and Agri-food Competition  
  Harvey James and Mary Hendrickson, University of Missouri

2031  Graduate Student Competition in Extension—Winners’ Presentations  
David L. Lawrence Convention Center, Room 304

Extension Section and GSS Track Session  
This annual symposium allows the three winners of the AAEA Extension Section Graduate Student Competition in Extension Economics to make their competitive presentations as part of the Joint Annual Meeting. It allows all interested meeting registrants to hear these new professionals who have been selected as the best in our profession at making economic outreach presentations. The winners will be selected in a competition on-site prior to the symposium.

Organizers: Alicia English, Purdue University; Margaretha Rudstrom, University of Minnesota  
Moderators: Frayne Olson, North Dakota State University; Alicia English, Purdue University; Margaretha Rudstrom, University of Minnesota

2032  Global Agriculture Development: Changing Aid Architecture, New Players, and the Evolving Roles of the Traditional Donors  
David L. Lawrence Convention Center, Room 305

International Section Track Session  
The nature of development aid has been changing dramatically over the past decade, in terms of the quantities provided, the plurality of funding sources, and donor coordination and alignment mechanisms. New donor countries, such as China, India, and Korea, as well as private foundations and multi-lateral funds, have added to overall aid totals. The Food Price Crisis of 2008 brought agriculture back onto the global agenda and with it the prospect of new aid money. This session reviews the evolving landscape of support for global agricultural development.

Organizer: Prabhu Pingali, Bill & Melinda Gates Foundation  
Moderator: Alex McCalla, University of California, Davis

Presentations:
- Changing Trends in the Demand and Supply of Aid for Agriculture Development and the Quest for Coordination  
  Prabhu Pingali and Greg Traxler, Bill & Melinda Gates Foundation
- Multi-lateral Banks and the United Nations: Evolving Roles and Future Relevance  
  Uma Lele, Independent Consultant
- OECD Fiscal Crises: An Opportunity to Redraw the Architecture of International Aid to Agriculture and Rural Development  
  Kevin Cleaver, International Fund for Agricultural Development
- Foundations and the Private Sector in Agriculture Development: Historic and Evolving Roles  
  Robert Herdt, Rockefeller Foundation

2033  The Economics of Health Risks and Disasters  
David L. Lawrence Convention Center, Room 310

ARA Section Track Session  
There is growing concern about risks associated with environmental accidents, food contamination, and animal diseases. This session presents both conceptual and empirical models related to controlling losses associated with these perils. The first presentation focuses on developing policies that provide incentives for reducing the likelihood of accidents and containing the damage once they occur. The second presentation focuses on food safety risks that can be the outcome of several stochastic processes including origination, spread, exposure, and vulnerability. The third presentation presents results of studies in Southeast Asia regarding farmers’ choices that affect the prevalence of Avian Influenza.

Organizer: David Zilberman, University of California, Berkeley  
Moderator: David Zilberman, University of California, Berkeley  
Discussant: Erik Lichtenberg, University of Maryland

Presentations:
- The Economics of Containing Accidents  
  Thomas Sproul and David Zilberman, University of California, Berkeley
- The Control of Environmental Health Risks  
  Clare Narrod, International Food Policy Research Institute
- The Economics of Control of Avian Influenza  
  David Roland-Holst and Jennifer Ifft, University of California, Berkeley
Concurrent Sessions, Tuesday, 10:30 am–12:00 pm

2034 Economic Contributions from a More Localized Food System
David L. Lawrence Convention Center, Room 311

CENET Track Session
Relocalization of food industries has captured the attention of ag-dependent, rural and urban areas as an economic development opportunity. Local food movement growth includes direct markets, farm-to-school, chef distribution, and regional food hubs, which may represent higher returns and new jobs to local food producers and food marketing enterprises. USDA and state departments of agriculture are establishing programs to leverage this interest in local foods and value-added businesses. This session will explore the ways that research and outreach programs can evaluate the potential impacts on producer welfare, economic impacts, and consumer benefits from such efforts.

Organizer: Dawn Thilmany McFadden, Colorado State University
Moderator: Dawn Thilmany McFadden, Colorado State University
Discussants: David Hughes, Clemson University; David Conner, University of Vermont

Presentations:
The Economic Impact of State Agricultural Branding Campaigns
Carlos Carpio, Olga Isengildina-Massa, and David Hughes, Clemson University
Trade Zones for Farmers’ Markets: Spatial Relationships and Market Descriptors
Luanne Lohr, USDA-Economic Research Service; Adam Diamond, USDA-Agricultural Marketing Service
Farm to School: Tools to Assess and Evaluate Impacts on Producers and Regions
Dawn Thilmany McFadden, Allison Gunter, and Martha Sullins, Colorado State University

2035 Labor Issues of Young Adults
David L. Lawrence Convention Center, Room 312

AAEA Selected Paper Session
This session deals with labor issues across various categories. These categories include young adults and household heads in rural China, disadvantaged youth, and agricultural majors.

Moderator: Georgeanne Artz, University of Missouri

Presentations:
Cognitive Skills, Noncognitive Skills, and Labor Market Outcomes of Young Adults in Rural China
Paul Glewwe and Quiqiong Huang, University of Minnesota; Albert Park, Oxford University
Bounds on Quantile Treatment Effects of Job Corps on Participants’ Wages
German Blanco and Alfonso Flores-Lagunes, University of Florida; Carlos Flores, University of Miami
Unbundling the Degree Effect in a Job Training Program for Disadvantaged Youth
Maria Bampasidou, University of Florida; Carlos Flores, University of Miami; Alfonso Flores-Lagunes, University of Florida
Higher Education and Agricultural Careers: The Relative Importance of and Returns to an Agricultural Major
Georgeanne Artz, University of Missouri; Peter F. Orazem and Kevin Kimle, Iowa State University

2036 Multidisciplinarity in Agricultural Economics: Practitioner Attitudes, Publishing, and the Job Market
David L. Lawrence Convention Center, Room 315

CWAЕ Track Session
In this session, we present an update and extension of previous work on multidisciplinarity in applied economics. The first paper presents the results from a follow-up survey to Young’s 1995 study of the perceived benefits and costs to multidisciplinary research in agricultural economics. The second paper presents two original statistical analyses. The first documents the incidence of multidisciplinary publishing over 15 years in three tiers of agricultural and resource economics journals. The second examines trends in the demand for multidisciplinary research experience on the job market for economists over the same time span.

Organizers: Kelly Cobourn and Sian Mooney, Boise State University
Moderator: Sian Mooney, Boise State University
Discussants: Sarahelen Thompson, USDA-Economic Research Service; Nicole Ballenger, University of Wyoming

Presentations:
Practitioners of Multidisciplinary Research: A Survey of Characteristics and Attitudes
Samia Islam and Sian Mooney, Boise State University; Douglas Young, Washington State University; Kelly Cobourn, Boise State University
Publishing in Agricultural Economics and the Demand for Multidisciplinary Skills on the Economic Job Market
Leonie Marks; Kelly Cobourn and Sian Mooney, Boise State University

2037 Managing Academic Dishonesty
David L. Lawrence Convention Center, Room 316

TLC Section Track Session
Cheating has always been a challenge in the classroom. Technology is creating new frontiers in academic dishonesty that instructors must deal with. Tighter budgets for proctors, larger class sizes, and other factors exacerbate these challenges. Competition and perceived social pressure may drive some students to make poor decisions. Solutions vary. Software has been developed to address some issues. Some educators have surrendered and are embracing new practices, like shared work or using handheld devices to teach; others feel those compromise learning. In this session we’ll discuss how educators in several parts of the country are dealing with these challenges.

Organizer: W. Scott Downey, Purdue University
Moderator: Michael Gunderson, University of Florida

Presentations:
Avoiding Academic Dishonesty in a Large Lecture Classroom
W. Scott Downey, Purdue University
Cheating, It Ain’t What It Used to Be
Kerry Litzenberg, Texas A&M University
Promoting Academic Honesty in an Online Environment
Cheryl Wachenheim, North Dakota State University
Concurrent Sessions, Tuesday, 10:30 am–12:00 pm

2038 Policy Analysis and Education in an Era of Advocacy
David L. Lawrence Convention Center, Room 317

Senior Section Track Session
New and increasingly powerful advocacy groups are influencing today’s agricultural, food, resource, and rural policy agenda. What’s an agricultural/applied economist to do in this increasingly broad environment of savvy advocates? The members of this session’s panel of well tested policy analysis practitioners take different perspectives.

Organizers: Walter J. Armbruster, Farm Foundation (retired); Kitty Smith, USDA-Economic Research Service
Moderator: Walter J. Armbruster, Farm Foundation (retired)
Discussant: Kathy Baylis, University of Illinois at Urbana-Champaign

Presentations:
Influencing Policy through Economics
Ronald Knutson, Texas A&M University
Never Say “Should”: The Government Economist and Policy-relevant Analysis
Kitty Smith, USDA-Economic Research Service
A Perspective on the Economist’s Role in Policy Research and Outreach in the Emerging New Economy
Adesoji Adelaja, Michigan State University

2039 Climate Policy
David L. Lawrence Convention Center, Room 318

AERE Session
Presentations:
Optimal Climate Policy with Air Pollution Co-benefits
Nicholas Muller, Middlebury University
Sebastian Rausch, Massachusetts Institute of Technology; Gilbert E. Metcalf, Tufts University; John M. Reilly and Sergey Paltsev, Massachusetts Institute of Technology
Climate and Revenue Benefits of Policies to Reduce Emissions from Deforestation In Indonesia
Jonah Busch, Conservation International; Ruben Lubowski, Environmental Defense Fund; Fabiano Godoy and Daniel Juhn, Conservation International; Kemen Austin, World Resources Institute; Jenny Hewson, Marc Steininger, Muhammad Farid, and Fred Boltz, Conservation International
Risk Management in a Large-scale Emissions Reduction Program: Estimating the Insurance Value of REDD Buffers in Indonesia
Ruben Lubowski and Alexander Golub, Environmental Defense Fund; Ram Ranjan, Commonwealth Scientific and Industrial Research Organisation; Jonah Busch, Conservation International

2040 Pathways: Mentoring in the Agricultural and Applied Economics Profession (Part II)
David L. Lawrence Convention Center, Room 319

AAEA Organized Symposium
This session will be informative for association leadership interested in young professional development as well as young professionals. Young professionals may gain insight into the potential benefits of mentoring for their own career. Most importantly, the session may provide information for the AAEA to facilitate protégé and mentor activities in the future.

Panelists: Nora Dominguez, University of New Mexico; Elizabeth Hoffman and Catherine Kling, Iowa State University; Mary Bohman, USDA-Economic Research Service
Discussant: Sharon Fitzpatrick, The Training Connection, Inc.

2041 Future Role of Food Aid: Can It Be an Effective Tool for Food Security?
David L. Lawrence Convention Center, Room 329

AAEA Organized Symposium
Food aid is an important component of U.S. development assistance. The goal of the session to examine the effectiveness of food aid to improve global food security, and to identify policy choices and tradeoffs involved in food aid implementation and examine the commodities used to meet food security goals.

Organizer: Shahla Shapouri, USDA-Economic Research Service
Moderator: Emmay Simmons, Partnership to Cut Hunger and Poverty in Africa

Presentations:
Nutritional Effectiveness of Food Aid
May Peters, USDA-Economic Research Service
New Modalities of International Food Assistance
Christopher B. Barrett, Cornell University; Cheryl Christensen, USDA-Economic Research Service
On the Rapidly Evolving Framework for Local and Regional Food Aid Procurement: What Do We Know for Policy and Program Design?
David Tscherley, Michigan State University
Concurrent Sessions, Tuesday, 10:30 am–12:00 pm

2042 Intrahousehold Resource Allocation
David L. Lawrence Convention Center, Room 330

AAEA Selected Paper Session
It has long been debated whether unitary household model is appropriate in modeling household’s production and resource allocation decisions, however, most of the empirical studies in the literature are based on unitary model framework, largely due to data availability problems. These three presentations use unique gender disaggregated data to explore this important but neglected topic.

Moderator: Carolina Castilla, The Ohio State University

Presentations:
- Agricultural Technology, Schooling Participation, and Child Labor: Cotton Expansion in Burkina Faso
  Harounan Kazianga, Oklahoma State University
- Impact of Sorghum Agricultural Technologies and Marketing Strategies on Household Income and Women’s Welfare
  Jeanne Coulibaly, John Sanders, and Paul Preckel, Purdue University
- Ties That Bind: The Kin System as a Mechanism of Income-hiding between Spouses in Ghana
  Carolina Castilla, The Ohio State University

2043 Alternative Energy
David L. Lawrence Convention Center, Room 401

AAEA Selected Paper Session
The presentations in this session discuss the viability of alternative energy resources.

Moderator: Subhra K. Bhattacharya, Iowa State University

Presentations:
- Determining the Impact of Wind on System Costs via the Temporal Patterns of Load and Wind Generation
  Clay D. Davis, Paul Preckel, and Douglas Gotham, Purdue University
- Economics of Sourcing Cellulosic Feedstock for Energy Production
  Cole Gustafson and Thein Maung, North Dakota State University
- The Viability of Harvesting Corn Cob for Biofuel Production in North Dakota
  Thein Maung and Cole Gustafson, North Dakota State University
- An Optimal Rule for Switching over to Renewable Fuels with Lower Price Volatility: A Case of Mixed Diffusion Jump Process
  Subhra K. Bhattacharya and Kavita Sardana, Iowa State University

2044 Advances in Demand Modeling
David L. Lawrence Convention Center, Room 402

AAEA Selected Paper Session
These papers present research into methodological issues in econometric models of demand.

Moderator: Gulcan Onel, North Carolina State University

Presentations:
- Comparison of Several Demand Systems: Some Monte Carlo Simulation Results
  Stefan Meyer and Xiaohua Yu, Georg-August-Universität Göttingen
- Hedonic Price Model Fragility
  Lisa Rees, Joseph Parcell, and Dave Patterson, University of Missouri
- Copula-based Nonlinear Models of Spatial Market Linkages
  Barry Goodwin, North Carolina State University; Matt Holt, University of Alabama; Gulcan Onel, North Carolina State University; Jeffrey Prestemon, USDA-Forest Service

2045 Advertising and Other Marketing Challenges
David L. Lawrence Convention Center, Room 403

AAEA Selected Paper Session
This session deals with advertising issues and how firms respond to advocacy attacks.

Moderator: Michael McCullough, California Polytechnic State University, San Luis Obispo

Presentations:
- Disclosure of Product Characteristics by a Multi-product Firm with Random Costs
  Alexander Saak, International Food Policy Research Institute
- Public and Private Institutional Responses to Advocacy Attacks: The Case of the Global Cocoa Industry and Child Labor Abuse
  Alexandra N. Clark and Hamish Gow, Massey University
- Generic Advertising in Concentrated and Differentiated Agricultural Markets
  Chanjin Chung, Oklahoma State University; Sungill Han, Konkuk University
- Coordinating on Reducing Advertising: Carbonated Soft Drinks Industry and Combating Obesity
  Michael McCullough, California Polytechnic State University, San Luis Obispo; Joshua Berning, University of Connecticut
Concurrent Sessions, Tuesday, 10:30 am–12:00 pm

**2046  Biofuel Policy**  
David L. Lawrence Convention Center, Room 404  

**AAEA Selected Paper Session**  
Topics in this session include U.S. producer response to the boom in biofuels, impacts on crop selection and land use, and impacts of the cellulosic-based biofuel mandate.  
**Moderator:** Amani Elobeid, Iowa State University  
**Presentations:**  
- Spatial Dimensions of U.S. Crop Selection: Recent Responses to Markets and Policy  
  Mesbah Motamed and Lihong McPhail, USDA-Economic Research Service  
  Hector M. Nunez, Hayri Onal, Madhu Khanna, Xiaoguang Chen, and Haixiao Huang, University of Illinois at Urbana-Champaign  
- The U.S. Renewable Fuel Standard: Impacts from Cellulosic Biofuel Production  
  Jayson Beckman, USDA-Economic Research Service; Samuel Evans, Colorado State University; Ronald Sands, USDA-Economic Research Service  
- Global Biofuel Expansion and the Demand for Brazilian Land: Intensification vs. Expansion  
  Amani Elobeid, Miguel Carriquiry, and Jacinto Fabiosa, Iowa State University

**2047  Land Use Change**  
David L. Lawrence Convention Center, Room 405  

**AAEA Selected Paper Session**  
This session focuses on land use change, ranging from residential development to tropical deforestation.  
**Moderator:** Charles Towe, University of Maryland  
**Presentations:**  
- Optimal Preservation of Agricultural and Environmental Land within a Municipality under Irreversibility and Uncertainty  
  Peter Howard, University of California, Davis  
- A Dynamic Model of Preservation Spillover Effects on Development  
  Charles Towe and Takahiko Kiso, University of Maryland  
- Exploiting Spatial and Temporal Variations in Residential Subdivision Development to Identify Urban Growth Spillovers  
  Charles Towe, University of Maryland; H. Allen Klaiber, Pennsylvania State University; Elena Irwin and Douglas Wrenn, The Ohio State University; David Newburn, Texas A&M University

**2048  Regional, Commodity, and Budget Driven Interests in Agricultural Policy Reform for the 2012 Farm Bill**  
David L. Lawrence Convention Center, Room 406  

**Invited Paper Session**  
Federally funded or subsidized programs available to U.S. crop and livestock producers for the purposes of income support and risk reduction comprise a relatively complex and, in some cases, overlapping safety net. As the 2012 Farm Bill debate begins, budgetary concerns are expected to play a primary role in agricultural policy reform. Lobbying efforts will be driven by regional and commodity specific interests to maximize income support and risk protection per dollar of government expenditure. This session recognizes this diversity by including papers focused on the interests of three distinct agricultural stakeholders, and a discussant providing a Washington insider perspective.  
**Organizer:** Nicholas Paulson, University of Illinois at Urbana-Champaign  
**Moderator:** Nicholas Paulson, University of Illinois at Urbana-Champaign  
**Discussant:** Joseph Glauber, USDA-Office of the Chief Economist  
**Presentations:**  
- Understanding Why 2012 Southern Farm Bill Preferences Will Differ from Midwest Preferences  
  Keith Coble and Barry Barnett, Mississippi State University  
- Policy Concerns of Midwestern Grain Producers for the 2012 Farm Bill  
  Nicholas Paulson and Gary Schnitkey, University of Illinois at Urbana-Champaign  
- The Economics of U.S. Dairy Policies  
  Joseph V. Balagtas, Purdue University; Daniel Sumner, University of California, Davis
Concurrent Sessions, Tuesday, 10:30 am–12:00 pm

2049 Moving Toward Risk-based Food Safety Systems: United States, Canada, and WHO Experience
David L. Lawrence Convention Center, Room 407

FSN Section and FAMPS Track Session
Under the SPS Agreement, the WTO requires that food safety policy be supported by risk assessment and scientific evidence. This agreement has helped build international interest in risk-based food safety systems. This session reports on recent developments in the use of risk information to inform food safety policy in the United States, Canada, and around the world. Discussion will focus on the implications of this work for regulatory economics and food safety policy. The panelists will bring insights into this process gained from service on national and international scientific committees, such as WHO, Health Canada, and the National Academy of Sciences.

Organizer: Sandra Hofmann, USDA-Economic Research Service
Discussant: Derrick Jones, U.K. Food Standards Agency

Presentations:
- Evaluating FDA’s Use of Risk-based Systems
  Julie Caswell, University of Massachusetts Amherst
- Risk Ranking Models for Product Prioritization within FDA Programs
  Paul Fischbeck, Carnegie Mellon University
- A Multi-factorial Framework for Risk Prioritization of Foodborne Pathogens: The Canadian Experience
  John Cranfield, University of Guelph
- WHO Efforts to Estimate the Global Burden of Foodborne Illness and Attribute It to Food Sources
  Sandra Hoffmann, USDA-Economic Research Service

2050 Climate Change Policy
David L. Lawrence Convention Center, Room 408

AAEA Selected Paper Session
This session focuses on general economics and trade relating to greenhouse gas emissions and related policy.

Moderator: Xiaobing Zhao, Northern Arizona University

Presentations:
- Inter-temporal Investment in Climate Change Adaptation and Mitigation
  Weiwei Wang and Bruce McCarl, Texas A&M University
- Credibility of Trade Sanctions in Greenhouse Gas Mitigation Agreements in Agriculture and Forestry
  Zeynep Irfanoglu and Juan P. Sesmero, Purdue University
- The Effects of Unilateral Reduction of Greenhouse Gas Emissions on the U.S. Agriculture
  Oleksiy Tokonenko and Won Koo, North Dakota State University
- The Economic Cost of CO₂ Emission Cuts
  Xiaobing Zhao, Northern Arizona University

2051 The Economics of Food Insecurity and Food Assistance Programs
David L. Lawrence Convention Center, Room 409

AAEA Selected Paper Session
What is the impact of program size and scale on the costs of delivering food assistance programs? What influence does access and food fortification policy have on food security? These papers examine the economics of food insecurity and food assistance programs.

Moderator: Alessandro Bonanno, Pennsylvania State University

Presentations:
- School Breakfast and Lunch Costs: Are There Economies of Scale?
  Michael E. Ollinger, Katherine Ralston, and Joanne Guthrie, USDA-Economic Research Service
- Returns to Scale and the Effectiveness of Money Spent on the Expanded Food and Nutrition Education Program
  Ranju Baral, George Davis, and Wen You, Virginia Tech
- Nutrition, Education, and Development: The Case of Vitamin D Milk
  Benjamin Schwab, University of Wisconsin
- Food Access and Food Security: An Empirical Analysis
  Alessandro Bonanno, Pennsylvania State University; Jing Li, South Dakota State University

2052 SPS and Other Technical Barrier to Trade
David L. Lawrence Convention Center, Room 410

AAEA Selected Paper Session
Countries impose various restrictions on the quality of imported agricultural products. These presentations investigate the trade effect of various technical restrictions and how to measure technical barriers.

Moderator: Niven Winchester, University of Otago

Presentations:
- Impact of Sanitary and Technical Measures in Brazilian Exports of Poultry Meat
  Luiza Menegueili Fassarella, Mauricio Jorge Pinto de Souza, and Heloisa Lee Burnquist, University of São Paulo
- Disentangling the Demand-enhancing Effect and the Trade Cost Effect of SPS Policies
  Bo Xiong and John Beghin, Iowa State University
- New Data and Analysis on Non-tariff Measure in Agri-food Trade
  Jean-Philippe Gervais, North Carolina State University; Bruno Larue, Université Laval; Tsunehiro Otsuki, Osaka University; Marie-Luise Rau, Wageningen University; Simon Schlüter, University of Bonn; Karl Shutes, Wageningen University; Niven Winchester, University of Otago
Concurrent Sessions, Tuesday, 10:30 am–12:00 pm

**2053  Issues in Empirical Industrial Organization**  
*David L. Lawrence Convention Center, Room 411*

**AAEA Selected Paper Session**  
This session focuses on current issues in empirical industrial organization.  

**Moderator:** In Bae Ji, Oklahoma State University  

**Presentations:**  
- Estimating the Effect of Nonlinear Pricing on Overconsumption of Carbonated Soft Drinks  
  *Congnan Zhan, North Carolina State University*  
- Endogenous R&D Investment and Market Structure: A Case Study of the Agricultural Biotechnology Industry  
  *Benjamin C. Anderson and Ian Sheldon, The Ohio State University*  
- Estimating the Value of Regulatory Investigations: A Case Study in Agriculture  
  *Kalyn T. Coatney and Jesse Tack, Mississippi State University*  
- Dynamic Assessment of Bertrand Oligopsony in the U.S. Cattle Procurement Market  
  *In Bae Ji and Chanjin Chung, Oklahoma State University*  

**2054  Getting the Most Out of Data: Sample Size, Imputation, and Recall Bias**  
*David L. Lawrence Convention Center, Room 412*

**AAEA Selected Paper Session**  
The common theme of the papers presented in this session is the evaluation of quantitative research methods commonly used with cross sectional data.  

**Moderator:** Jason Bergtold, Kansas State University  

**Presentations:**  
- A Comparison of Price Imputation Methods under Large Samples and Different Levels of Censoring  
  *Jose A. Lopez, Texas A&M University*  
- A Missing Variable Imputation Methodology with an Empirical Application  
  *Gayaneh Kyureghian, University of Nebraska; Oral Capps Jr., Texas A&M University; Rodolfo M. Nayga Jr., University of Arkansas*  
- Sample Size and Robustness of Inferences from Logistic Regression in the Presence of Nonlinearity and Multicollinearity  
  *Jason Bergtold, Elizabeth A. Yeager, and Allen Featherstone, Kansas State University*  

**2055  Rural Development and Suburbanization**  
*David L. Lawrence Convention Center, Room 413*

**AAEA Selected Paper Session**  
This session focuses different aspects of rural landscape and agricultural activities as a result of suburbanization, which is the growth of areas on the fringes of major cities, and can be linked to a number of different push and pull factors. For instance, some residents living close to metropolitan areas commute to work within the central urban area via automobile or mass transit. Others have taken the advantage of broadband services to work from their homes. Suburbanization can trigger nonfarm activities that affect agricultural activities. Given some negative impacts related to suburbanization, there are several land use regulations to limit urban growth.  

**Moderator:** Ivan Kandilov, North Carolina State University  

**Presentations:**  
- Is Agricultural Zoning Exclusionary?  
  *Paul D. Gottlieb, Thomas Rudel, Karen O’Neill, and Melanie McDermott, Rutgers, The State University of New Jersey*  
- Exploring the Effects of Policy Tools for Moderating Urban Sprawl During the Real Estate Boom and Recession  
  *SeungGyu Kim, Seong-Hoon Cho, Dayton M. Lambert, and Roland K. Roberts, University of Tennessee*  
- The Impact of Nonfarm Activities on Agricultural Productivity in Rural China  
  *Ye Wang, Chenggang Wang, and Suwen Pan, Texas Tech University*  
- The Impact of Broadband on U.S. Agriculture: An Evaluation of the USDA Broadband Loan Program  
  *Ivan Kandilov, North Carolina State University; Amy M. G. Kandilov, RTI International; Mitch Renkow and Xiangping Liu, North Carolina State University*
Concurrent Sessions, Tuesday, 10:30 am–12:00 pm

2056 Commodity Price Determinants and Relationships in Agribusiness Markets
David L. Lawrence Convention Center, Room 414

AAEA Selected Paper Session
Agricultural commodity markets have experienced substantial volatility in recent years. This session examines factors that influence prices in a variety of agricultural markets and in a variety of countries. At the farm level, studies examine factors that cause farm level dairy prices to vary and how macroeconomic factors influence Brazilian farm prices. Time series analysis is conducted to examine the relationship between ethanol, sugar, and corn prices, and the relationship between cattle and grain markets.

Moderator: Elizabeth A. Yeager, Kansas State University

Presentations:
The Determinants of the Brazilian Farm Prices
Humberto F. S. Spolador and Geraldo Sant’Ana de Camargo Barros, University of São Paulo; Mirian R. P. Bacchi, Cepea/USP
Dynamic Price Relationships in Grain and Cattle Markets, Pre and Post-Ethanol Mandate
Hernan Tejeda and Barry Goodwin, North Carolina State University
Marketing, Co-operatives and Price Heterogeneity: Evidence from the CIS Dairy Sector
Johannes Sauer, University of Manchester; Matthew Gorton, University of Newcastle; John White, University of Plymouth
Impact of Changes in Energy Input Prices on Ethanol Importation and Prices
Elizabeth A. Yeager and Allen Featherstone, Kansas State University

2057 Experiments in Ag and Resource Policy: The Roles of Trust, Fairness, and Other Emotions
David L. Lawrence Convention Center, Room 415

AAEA Selected Paper Session
Regulations and other government policies often appeal to notions beyond the pure self-interest of affected parties and often leverage trust that individuals have in governmental and other institutions. This session involves four papers that use either experiments or surveys to explore how concepts of fairness, empathy, and trust impact the efficacy and distributional implications of policy interventions common in agricultural and resource settings, including farm subsidy incidence, nonpoint water pollution control, and consumer trust of information concerning nanotechnology.

Moderator: Dale Menkhaus, University of Wyoming

Presentations:
Decoupled Programs, Payment Incidence, and Factor Markets: Evidence from Market Experiments
Christopher Bastian, Amy M. Nagler, Dale Menkhaus, and Manah D. Ehmke, University of Wyoming; James B. Whitaker, U.S. Agency for International Development; Edwin Young, USDA-Economic Research Service
Smiley or Frowney: The Effect of Emotional Feedback in the Downstream Water Pollution Game
Hans J. Czap, University of Michigan at Dearborn; Marianna Khachaturyan and Gary D. Lynne, University of Nebraska; Natalia V. Czap, University of Michigan at Dearborn; Mark Burbach, University of Nebraska
Subsidy Incidence in Agricultural Land Markets: An Experimental Investigation
Amy M. Nagler, Dale Menkhaus, Christopher Bastian, and Manah D. Ehmke, University of Wyoming
Concurrent Sessions, Tuesday, 10:30 am–12:00 pm

2058 Climate Change: Effects and Sequestration Opportunities
David L. Lawrence Convention Center, Room 320

NAREA Selected Paper Session
Climate Change is widely considered one of the most pressing global environmental challenges. The papers in this session analyze the impacts of agriculture on climate change, opportunities for sequestration within the agricultural sector, as well as carbon capture and storage (CCS).

Moderator: Mahesh Ramachandran, Clark University

Presentations:
Two Goals in One? The Costs of Storing Carbon in Agricultural Soils
Marit E. Kragt, University of Western Australia; Michael Robertson, Commonwealth Scientific and Industrial Research Organisation; David Pannell, University of Western Australia
Agricultural Productivity Growth in New England: Will Climate Change Matter?
Deep Mukherjee and Linke Wang, University of Connecticut
Geological Carbon Sequestration Management: An Application of Genetic Algorithm
Hui Su, West Virginia University
Examining the Nexus of Greenhouse Gas Emissions, Agricultural Productivity, and Trade Openness: A Case of the United States
Tun-Hsiang Yu, University of Tennessee; Man-Keun Kim, Utah State University

2059 Food and Wine: Safety and Policy
David L. Lawrence Convention Center, Room 321

NAREA Selected Paper Session
These papers examine the nexus between food, safety, and public policy. A particular focus is on consumer responses to food recalls and safety issues.

Moderator: Owen A. Morgan, Appalachian State University

Presentations:
Accounting for Tastes: A Valuation in Risk Reduction in Raw Seafood Consumption
David M. Bruner, Appalachian State University; William L. Huth, University of West Florida; David M. McEvoy and Owen A. Morgan, Appalachian State University
The Influence of Food Safety Disquiet on the Demand for Locally Grown Ethnic Greens and Herbs: A Logit Analysis
Ramu Govindasamy and Venkata S. Puduri, Rutgers, The State University of New Jersey; Kathleen M. Kelley, Pennsylvania State University
Examining the Links between Wine Distribution Laws, Alcohol Consumption, and Traffic Fatalities
Bradley Rickard and Tevrat Garg, Cornell University; Marco Costanigro, Colorado State University
Measuring the Impact of the 2010 Egg Recall on Consumer Behavior
Zachary Johnston and John Bernard, University of Delaware
Concurrent Sessions, Tuesday, 1:30 pm–3:00 pm

2060 Human Capital: Competing on Capabilities in Agriculture
David L. Lawrence Convention Center, Room 303

AEM Section and Senior Section Track Session
Agribusiness research has explored markets in terms of changing customer and consumer demands, the nature of competition, etc. In addition, literature has examined internal resources needed to be successful in agribusiness including firm size, scope, specific investments, etc. But literature on human resource capabilities within the firm is lacking. This session presents three papers examining the human resource needs of agribusiness: the critical competency needs for managers in retail supply firms, the success factors for CEO’s, and the capabilities required of board members in farmer-owned cooperatives. The discussant will address the implications of the identified success factors for academic curricula.

Organizer: Allan Gray, Purdue University
Moderator: Vernon Eidman, University of Minnesota
Discussants: Jay Akridge and Allan Gray, Purdue University

Presentation:
Identifying the Gaps in Necessary Capabilities for Agribusiness Managers in a Dynamic Agricultural Industry
Allan Gray, Purdue University; Karen Grabow, Land O’ Lakes; John Lai, Purdue University

Governing Patron-owned Agribusinesses
Michael Cook and Molly J. Burress, University of Missouri

Board Behavior in Agricultural Cooperatives
Brent Hueth, University of Wisconsin

2061 Teaching Tips from Top Teachers: 2010 AAEA Award Recipients
David L. Lawrence Convention Center, Room 304

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

Organizer: Allen Wysocki, University of Florida
Moderator: Michael Gunderson, University of Florida

Presentations:
Teaching Tips: Perspective from Less Than 10 Years of Experience
Hayley Chouinard, Washington State University

Teaching Tips: Perspective from 10+ Years of Experience
Kerry Litzenberg, Texas A&M University

Teaching Tips: Graduate Teaching and Advising
David Shideler, Oklahoma State University

2062 Factors Impacting Livestock and Meat Trade in the NAFTA Countries
David L. Lawrence Convention Center, Room 305

International Section Track Session
Livestock and meat trade has long been a focus of research and outlook analysis in the Market and Trade Economics Division at ERS. With the removal of most traditional barriers to trade, the remaining barriers are mostly sanitary concerns. As a consequence of lower trade barriers, a rapid expansion in animal products trade has increased the links between the U.S. livestock sector and that of major trading partners. Since 2003, disease outbreaks, domestic regulations, exchange rates, energy costs, changing industry structure, and adverse macro economic conditions have altered relationships in NAFTA livestock and meat trade. This session reviews recent experience.

Organizers: Andrew Muhammad and Keithly Jones, USDA-Economic Research Service
Moderator: Richard Stillman, USDA-Economic Research Service
Discussant: Keithly Jones, USDA-Economic Research Service

Presentations:
Implications of Market Integration on U.S. and Canadian Cattle Prices
William F. Hahn and Keithly Jones, USDA-Economic Research Service

U.S. Demand for Mexican and Canadian Feeder Cattle
Andrew Muhammad, Rachel Johnson, and Kenneth Mathews, USDA-Economic Research Service

Factors Influencing U.S. Imports of Canadian Hogs
Mildred Haley and Daniel Marti, USDA-Economic Research Service

2063 Can Government Really Make Agriculture Less Risky?
David L. Lawrence Convention Center, Room 310

ARA Section Track Session
Governments in most developed countries often devote significant funding to protecting farmers from the risks associated with agricultural production. Ostensibly, these programs are meant to provide a ‘safety net’ for producers. While numerous criticisms have been leveled at these programs, the risk mitigation rationale is seldom challenged. What economic reasons justify government policies in this area? To what extent, and how, can governments help to mitigate risk in agriculture? This session is intended to spark discussion regarding the ability of governments to provide risk protection for agricultural producers and the wisdom of doing so.

Organizer: Jesse Tack, Mississippi State University
Moderator: Jesse Tack, Mississippi State University

Presentations:
Agricultural Risk Policy in Developing Countries
David J. Spielman, International Food Policy Research Institute

Behavioral Responses to Risk Policy
Keith Coble, Mississippi State University

Methodological Challenges for Applied Risk Analysis
David R. Just, Cornell University

2064 USDA-Economic Research Service
Livestock and meat trade has long been a focus of research and outlook analysis in the Market and Trade Economics Division at ERS. With the removal of most traditional barriers to trade, the remaining barriers are mostly sanitary concerns. As a consequence of lower trade barriers, a rapid expansion in animal products trade has increased the links between the U.S. livestock sector and that of major trading partners. Since 2003, disease outbreaks, domestic regulations, exchange rates, energy costs, changing industry structure, and adverse macro economic conditions have altered relationships in NAFTA livestock and meat trade. This session reviews recent experience.

Organizers: Andrew Muhammad and Keithly Jones, USDA-Economic Research Service
Moderator: Richard Stillman, USDA-Economic Research Service
Discussant: Keithly Jones, USDA-Economic Research Service

Presentations:
Implications of Market Integration on U.S. and Canadian Cattle Prices
William F. Hahn and Keithly Jones, USDA-Economic Research Service

U.S. Demand for Mexican and Canadian Feeder Cattle
Andrew Muhammad, Rachel Johnson, and Kenneth Mathews, USDA-Economic Research Service

Factors Influencing U.S. Imports of Canadian Hogs
Mildred Haley and Daniel Marti, USDA-Economic Research Service

2063 Can Government Really Make Agriculture Less Risky?
David L. Lawrence Convention Center, Room 310

ARA Section Track Session
Governments in most developed countries often devote significant funding to protecting farmers from the risks associated with agricultural production. Ostensibly, these programs are meant to provide a ‘safety net’ for producers. While numerous criticisms have been leveled at these programs, the risk mitigation rationale is seldom challenged. What economic reasons justify government policies in this area? To what extent, and how, can governments help to mitigate risk in agriculture? This session is intended to spark discussion regarding the ability of governments to provide risk protection for agricultural producers and the wisdom of doing so.

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Behavioral Responses to Risk Policy
Keith Coble, Mississippi State University

Methodological Challenges for Applied Risk Analysis
David R. Just, Cornell University
Concurrent Sessions, Tuesday, 1:30 pm–3:00 pm

2064  The History, Practice, and Latest Advances in Unit Roots and Cointegration
David L. Lawrence Convention Center, Room 311

Econometrics Section Track Session
This session will provide attendees with a broad overview of the development of research into modeling and statistical testing of unit roots and cointegrated series. After tracing the development in this field, the latest advances and “best practices” in testing for unit roots, testing for cointegration, and modeling of nonstationary series will be covered. The aim of the session is to provide applied econometricians with the background needed to choose the correct approach for their problem and successfully implement these advanced techniques.

Organizer: Jeffrey Dorfman, University of Georgia
Moderator: Jeffrey Dorfman, University of Georgia

Presentation:
Unit Roots and Cointegration: History, Recent Developments, and Future
Robert de Jong, The Ohio State University

2065  Crop Insurance: Incentives, Choices, and Spillovers
David L. Lawrence Convention Center, Room 312

AAEA Selected Paper Session
The papers in this session all examine choices or outcomes related to existing U.S. crop insurance program design. Specific topics include land use and rental arrangements, coverage level choices, and the implications of modifications to the crop insurance program on industry profitability.

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

Presentations:
Impact of the New Standard Reinsurance Agreement (SRA) on the Crop Insurance Industry Profitability
Oscar Vergara, AIR Worldwide

Optimal Coverage Level Choice with Individual and Area Plans of Insurance
Harun Bulut, Keith Collins, and Thomas Zacharias, National Crop Insurance Services

Land Use Consequences of Crop Insurance Subsidies
David Hennessy, Hongli Feng, and Ruiqing Miao, Iowa State University

Risk and Incentives: A Not-So-Tenuous Tradeoff
Nicholas Paulson and Barrett Kirwan, University of Illinois at Urbana-Champaign

2066  Front of Package Nutrition Labels—EU and U.S. Industry and Consumer Response
David L. Lawrence Convention Center, Room 315

FSN Section Track Session
Simplified nutrition messages are being adopted the EU and United States. The use of simplified front of pack nutrition information is controversial. Nestle and Ludwig (2010) argued these are misleading consumers and aim at boost sales. In the UK, the Food Standards Agency claims FOP schemes may provide an incentive for firms to develop healthier foods (FSA, 2006). This session will focus on consumers and industry responses to FOP and allergens symbols usage. The objective is to discuss recent research from the United States and EU on FOP pros and cons.

Organizers: Diogo M. Souza Monteiro, University of Kent; Lisa House, University of Florida
Discussant: Julie Caswell, University of Massachusetts Amherst

Presentations:
Front of Pack Nutrition Information for Beverages: Can Consumers Interpret Limited Information?
Lisa House, Hyeyoung Kim, Zhifeng Gao, and Gail Rampersaud, University of Florida

Determinants and Impacts of Voluntary Nutritional Labeling in France
Louis Soler, Institut National de la Recherche Agronomique; Sabine Duval-Treguer, ALISS; Veronique Nichele, Institut National de la Recherche Agronomique

Attitudes and Perceptions of Portuguese Food Retail Category Managers to the Use of Front-of-Pack Labels
Diogo M. Souza Monteiro, University of Kent; Monica Caldeira and Miguel Sottomayor, Universidade Catolica Portuguesa

2067  Livestock Outlook and Industry Issue Panel Discussion
David L. Lawrence Convention Center, Room 316

Extension Section Track Session
This session seeks to update and expand the standard approach to the long-running Extension Livestock Outlook symposia. Panelists will highlight near-term situation and outlook of beef, pork, and dairy industries. This will be followed by presentations from a panel of participants on “hot topics” of direct relevance to U.S. livestock industries, and hence markets. Finally, an open questions and answers discussion will be moderated by the session organizer for interaction between presenters and the attending audience.

Organizer: Glynn Tonsor, Kansas State University
Moderator: Glynn Tonsor, Kansas State University
Panelists: Rachel Johnson, USDA-Economic Research Service; Steven Meyer, Paragon Economics, Inc.
Discussant: Glynn Tonsor, Kansas State University
**Concurrent Sessions, Tuesday, 1:30 pm–3:00 pm**

**2068** Methodological Issues Encountered in Working with the Nielsen Homescan Panel and with the IRI Consumer Network Data  
*David L. Lawrence Convention Center, Room 317*

**AAEA Organized Symposium**  
Even though the use of household-based scanner data in empirical work in economics has been on the rise, there are numerous limitations associated with them. This organized symposium centers attention on methodological issues encountered in working with the Nielsen Homescan Panel and with the IRI Consumer Network data.

**Organizers:** Senarath Dharmasena, Texas A&M University; Chen Zhen, RTI International; Oral Capps Jr., Texas A&M University  
**Moderator:** Oral Capps Jr., Texas A&M University  
**Panelists:** Ephraim Leibtag, USDA-Economic Research Service; Steven Yen, University of Tennessee; Ariun Ishdorj, Texas A&M University; Chen Zhen, RTI International; Senarath Dharmasena, Texas A&M University

**2069** Water Management Issues  
*David L. Lawrence Convention Center, Room 318*

**AERE Session**

**Presentations:**  
Are Private Defensive Expenditures against Storm Damages Affected by Public Programs and Natural Barriers? Evidence from Bangladesh Coastal Areas  
*Sakib Mahmud and Edward Barbier, University of Wyoming*  
Wetland Rotations: Implications of a New Conservation Approach for Wildlife Habitat and Farm Prosperity  
*Christian Langpap, Oregon State University; Benjamin Rashford, University of Wyoming*

**2070** Understanding the Causes and Consequences of Migration  
*David L. Lawrence Convention Center, Room 329*

**AAEA Selected Paper Session**

This session includes papers dealing with causes and consequences of migration. While some migrate to seek better economic opportunities (for themselves or their future generation), others are forced to migrate. Different motives of migration and the ensuing consequences are explored in these papers.

**Moderator:** Michael Castelhano, University of California, Davis  
**Presentations:**  
The Short and Long-term Effects of Migration and Remittances in Northern Mali  
*Sonja Perakis, Michigan State University*  
The Next Generation: A New Approach to Explain Migration  
*Vania B. Salas, Pennsylvania State University*  
Allocation of Time and Human Capital in Migration: Decisions and Impacts  
*Michael Castelhano, J. Edward Taylor, and C.-Y. Cynthia Lin, University of California, Davis*

**2071** Climate Change and Production  
*David L. Lawrence Convention Center, Room 330*

**AAEA Selected Paper Session**

The presentations in this session discuss incorporating climate change into production models and decision-making.

**Moderator:** Ruohong Cai, University of Georgia  
**Presentations:**  
Climate, the Risk of Avian Influenza Outbreaks, and Potential Economic Loss under Climate Change  
*Jianhong Mu and Bruce McCarl, Texas A&M University*  
How Climate Factors Influenced the Spatial Allocation of and Returns to Texas Cattle Breeds  
*Yuquan W. Zhang, Amy D. Hagerman, and Bruce McCarl, Texas A&M University*  
Predicting the Effects of Climate Change on Farm Production and Profitability: Dynamic Simulation Approach  
*Ruohong Cai, John C. Bergstrom, Jeffrey D. Mullen, and Michael E. Wetzstein, University of Georgia*

**2072** Topics in Demand Modeling  
*David L. Lawrence Convention Center, Room 401*

**AAEA Selected Paper Session**

This session presents results on consumer addiction and obesity, as well as scanner-level estimates of the differences in demand by inner-city and suburban consumers.

**Moderator:** Eugene Jones, The Ohio State University  
**Presentations:**  
Using Weak Separability and Generalized Composite Commodity Theorem in Modeling Ground Beef Demand  
*Lee Schulz, Ted Schroeder, and Tian Xia, Kansas State University*  
Rationally Addicted to Cigarettes, Alcohol, and Coffee? A Pseudo Panel Approach  
*Aycan Koksal and Michael Wohlgenant, North Carolina State University*  
Measuring Price Sensitivity Differences for Inner-city and Suburban Consumers: Using Scanner Data to Look at Breakfast Cereals  
*Eugene Jones, The Ohio State University*
Concurrent Sessions, Tuesday, 1:30 pm–3:00 pm

2073  **Producer and Consumer Marketing Issues with Local Foods**  
David L. Lawrence Convention Center, Room 402

**AAEA Selected Paper Session**  
Local food marketing issues are explored in this session from both a producer perspective and a consumer perspective  
**Moderator:** Arbindra Rimal, Missouri State University

**Presentations:**  
Farm Operator Benefits from Direct Marketing Strategies: Does Choice of Local Food Channel Impact Farm Revenue?  
Shawn Wozniak and Timothy Park, USDA-Economic Research Service; Ashok Mishra, Louisiana State University  
The Effectiveness of Local Food Marketing Strategies of Food Cooperatives  
Ani L. Katchova and Timothy Woods, University of Kentucky  
What Are the Economic Welfare Effects of Local Food Marketing? Exploring Impacts with the Case of Colorado Apples  
Wenjing Hu, Colorado State University; Yuko Onozaka, University of Stavanger; Dawn Thilmany McFadden, Colorado State University  
Purchasing Locally Produced Fresh Vegetables: National Franchise vs. Locally Owned and Operated Restaurants  
Arbindra Rimal, Missouri State University

2074  **Global Food Security**  
David L. Lawrence Convention Center, Room 403

**AAEA Selected Paper Session**  
These papers examine the implications of climate change, food price inflation, and civil strife on food security in Africa and East Asia

**Moderator:** Rajorshi Sen Gupta, Texas A&M University

**Presentations:**  
Food Calorie Intake and Food Security under Grain Price Inflation: Evidence from Malawi  
Suwen Pan, Texas Tech University; Cheng Fang, Food and Agriculture Organization of the United Nations; Issa Sanogo, World Food Program  
Food Security—Global Trends and Region Perspective with Reference to East Asia  
Ching-Cheng Chang, Academia Sinica; Shih-Hsun Hsu, National Taiwan University  
Supporting Household Consumption in the Time of Economic Crisis: Evidence from Food Security Program in Indonesia  
Evita H. Panganibowo, University of Bonn  
Estimating Cost of Conflict and Increasing Food Security in Southern Sudan  
Rajorshi Sen Gupta, Shahrirar Kibriya, and Edwin Price, Texas A&M University

2075  **Climate Change and Biofuels**  
David L. Lawrence Convention Center, Room 404

**AAEA Selected Paper Session**  
This session focuses on the relationship between biofuel policies and market growth on greenhouse gas emissions.

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

**Presentations:**  
Crop Yield Growth and Its Implication for the International Effects of U.S. Bioenergy and Climate Policies  
Siyi J. Feng and Bruce McCarl, Texas A&M University; Petr Harlik, International Institute for Applied Systems Analysis  
Are There Carbon Savings from Mandated Biofuels Expansion in the United States? Accounting for Leakage in Land and Fuel Markets  
Antonio Bento, Richard Klotz, and Joel Landry, Cornell University  
The Implications of Alternative Biofuel Policies for Carbon Leakage  
Dusan Drabik, Harry de Gorter, and David R. Just, Cornell University  
Land Use and Greenhouse Gas Implications of Biofuels: Role of Technology and Policy  
Xiaoguang Chen and Madhu Khanna, University of Illinois at Urbana-Champaign

2076  **Production Economics in Developing Countries**  
David L. Lawrence Convention Center, Room 405

**AAEA Selected Paper Session**  
This session includes papers on production economics in developing countries.

**Moderator:** Apurba Shee Sr., Pennsylvania State University

**Presentations:**  
Zheng Li, University of Connecticut; Kening Wu, China University of Geosciences  
The Role of Institutional Environments on Technical Efficiency: A Comparative Stochastic Frontier Analysis of Cotton Farmers in Benin, Burkina Faso, and Mali  
Veronique Theriault, Renata Serra, and James Sterns, University of Florida  
Economic, Health, and Environmental Impacts of the Adoption of Bt Cotton in Burkina Faso and Implications for West Africa  
Comlanvi Konou, University of Nebraska  
Bounded Learning Efficiency and Sources of Firm Level Productivity Growth in Colombian Food Manufacturing Industry  
Apurba Shee Sr. and Spiro Stefanou, Pennsylvania State University
Concurrent Sessions, Tuesday, 1:30 pm–3:00 pm

2077  Rural Wealth Creation
David L. Lawrence Convention Center, Room 406

Invited Paper Session
This session includes three papers on rural wealth creation. The first presents a conceptual framework for rural wealth creation; discusses how interactions among different wealth types and economic, institutional, and policy contexts influence rural development dynamics; illustrates how wealth creation efforts can be effectively targeted to specific contexts; and how impacts can be assessed. The other papers investigate how community wealth endowments and investments affect rural communities’ abilities to respond to policy shocks or natural disasters using econometric studies of development in forest communities of Oregon following the Northwest Forest Plan and Gulf Coast communities after Hurricanes Katrina and Rita.

Organizer: John L. Pender, USDA-Economic Research Service
Moderator: Thomas Johnson, University of Missouri
Discussant: Thomas Johnson, University of Missouri

Presentations:
Rural Wealth Creation: Concepts, Measures, and Strategies
John L. Pender, Alexander W. Marre, and Richard Reeder, USDA-Economic Research Service

Does Rural Community Wealth Affect Community Resilience to Federal Policy Shocks and Community Responsiveness to Federal Infrastructural Spending?
Yong Chen and Bruce Weber, Oregon State University

The Role of Public Wealth on Recovery and Resiliency to Natural Disasters in Rural Communities
James M. Fannin, John Barreca, and Joshua Detre, Louisiana State University

2078  Annie’s Project—Successful Agricultural Economics Programming
David L. Lawrence Convention Center, Room 407

CWAE and Extension Section Track Session
Annie’s Project is a program for farm and ranch women addressing risk management. The initial class occurred in the spring of 2003. As of September 2010, 6,098 women in 22 states have participated at 393 sites. Presenters from the extension systems in Idaho, New Jersey, and Texas were chosen will present the adaptability of the program to local risk management issues. At the end of the presentations, an open question and answer discussion would follow to enable attendees to direct specific questions to the presenters.

Organizer: Timothy Eggers, Iowa State University
Moderator: Timothy Eggers, Iowa State University

Presentations:
The Basics of Annie’s Project
Timothy Eggers, Iowa State University

Annie’s Project in Texas—Texas AgriLife, Prairie View A&M, and Texas Tech Building Capacity
Jason Johnson, Texas AgriLife Research

Annie’s Project in Idaho—Treasure Valley Experiences
Rikki Wilson, Stephanie Etter, Beverly Healey, and Marsha Lockard, University of Idaho

Annie’s Project in New Jersey—Challenges in Adapting a Program from the Midwest
Robin Brumfield, Barbara O’Neill, Jenny Carleo, Robert Mickel, and Steve Komar, Rutgers, The State University of New Jersey

2079  Food Safety and Food Demand in East Asia
David L. Lawrence Convention Center, Room 408

AAEA Selected Paper Session
This session includes four papers on the economics of food safety and the demand for food in Japan, China, and Taiwan. The issues of Avian Influenza, food safety information, country of origin labeling, and trust in food safety regulatory mechanisms are examined with empirical analyses.

Moderator: Wen S. Chern, National Chung Cheng University

Presentations:
Highly Pathogenic Avian Influenza Impacts on Japan’s Import Demand for Cooked and Uncooked Poultry, Beef, Pork, and Other Meats
Fawzi Taha and William F. Hahn, USDA-Economic Research Service

Analyzing the Impact of Food Safety Information on Food Demand in China
Dehua He, Huazhong Agricultural University; Benissa Chidmi, Texas Tech University; Deyi Zhou, Huazhong Agricultural University

Do Consumers Trust the National Inspection Exemption Brands? Evidence from Infant Formula in China
Yanhong Jin, Rutgers, The State University of New Jersey; Liguo Lin and Lan Yao, Shanghai University of Finance and Economics

Analysis of Country of Origin Labeling for Food Products in Taiwan Using Auction Experiment with Tasting
Wen S. Chern, National Chung Cheng University
Concurrent Sessions, Tuesday, 1:30 pm–3:00 pm

2080  Asia Agricultural Policies and Trade  
       David L. Lawrence Convention Center, Room 409  

AAEA Selected Paper Session  
This session discusses how various policies in Asian countries influence world agricultural trade. These four presentations examine the trade effects of Asian rice policies, the role of economy structure in China trade, and the effect of greenhouse gases mitigation policy in China on trade.  
 Moderator: Min-hsien Yang, Feng Chia University  
 Presentations:  
The Role of the Economy Structure in the U.S.-China Bilateral Trade Deficit  
Oleksiy Tokovenko and Won Koo, North Dakota State University  
Rice Trade Policies and Their Implications for Food Security  
Alvaro Durand-Morat and Eric J. Wailles, University of Arkansas  
Asian Rice Policies and WTO Commitments on Domestic Support under Existing and Proposed Doha Round Provisions  
Min-hsien Yang, Feng Chia University; David Blandford, Pennsylvania State University

2081  New Frontiers for Quantitative Research in Agricultural Economics  
       David L. Lawrence Convention Center, Room 410  

AAEA Selected Paper Session  
This session includes a group of papers using innovate or relatively new quantitative research methods for empirical economic analysis.  
 Moderator: Henry Bryant, Texas A&M University  
 Presentations:  
Readiness and Environmental Initiative—Applying Goal Programming to the Project Selection Process  
Zhuo Liu and Kent Messer, University of Delaware  
A New Measure of the Producer Welfare Effects of Technological Change  
David S. Bullock, University of Illinois at Urbana-Champaign  
Best Experimental Artificial Agents an Application to Policy Design the Market Entry Game  
Herman D. Bejarano, Pennsylvania State University; Maciej Latek, George Mason University  
Proving Causal Relationships Using Observational Data  
Henry Bryant and David Bessler, Texas A&M University

2082  Social Networks and Economic Development  
       David L. Lawrence Convention Center, Room 411  

AAEA Selected Paper Session  
Social capital can be defined as the linkages or networks, among individuals or groups. The existence of these networks can provide a wide array of social and economic benefits. Social networks facilitate communication between parties, thus mitigating a natural disaster's devastating consequences or helping newly arrived immigrant to settle in a location. In addition, there have been an increasing number of studies addressing the role of social capital in enabling economic development. This session focuses on the role of social capital and networks have in different scenarios.  
 Moderator: Pedro V. Dozi, University of Missouri  
 Presentations:  
Providing Disaster Relief through the U.S. Tax Code: The Case of Hurricane Katrina and the Gulf Opportunity Zone  
James M. Williamson and John L. Pender, USDA-Economic Research Service  
Social Capital as a Building Block of a Developed Economy: Evidence from the United States  
Sharon Raszap Skorbiansky, Purdue University  
Factors Influencing Latino Immigrant Householder's Participation in Social Networks in Rural Areas of the Midwest  
Pedro V. Dozi and Corinne Valdivia, University of Missouri

2083  Financial Implications of Ownership, Funding, and Business Management Arrangements  
       David L. Lawrence Convention Center, Room 412  

AAEA Selected Paper Session  
The papers address farmer preferences for financial record systems, ownership structure of cooperatives, adoption rates of best management practices, and farm business life cycles.  
 Moderator: Stephen Harsh, Michigan State University  
 Presentations:  
Human Capital and Its Effect on the Farm Business Life Cycle  
Joleen Hadrich, North Dakota State University  
Andrea Van Winkle and Joleen Hadrich, North Dakota State University  
Is the Ownership Structure Model a Decisive Determinant of Co-operatives' Financial Success? A Financial Assessment in the EU Context  
Nikos Kalogerias, Maastricht University; Joost Pennings, Universiteit Maastricht; Joost Kuikman, Maastricht University; Michael Doumpos, Technical University of Crete  
Market Segments and Farmer Preferences for Financial Record Systems  
Christopher A. Wolf, Frank Lupi, and Stephen Harsh, Michigan State University
Concurrent Sessions, Tuesday, 1:30 pm–3:00 pm

2084 Experiments on Auctions
David L. Lawrence Convention Center, Room 413

AAEA Selected Paper Session
The session provides both methodological as well as practical and policy-relevant insights. Auctions are used both to allocate goods as well as to assess the value of consumers for specific items. The first paper considers how training subjects in the auction mechanism by using practice rounds may affect their bidding on unrelated products. The second study picks up on the impact of field partnerships and combinatorial auctions in which landholders have the opportunity to bid on bundle of parcels of land. The third paper then analyzes the impact of often observed bimodal distributions of values on bidding behavior. The final paper uses auctions to assess the impact of cigarette warning labels on the demand for cigarettes.

Moderator: Matthew Rousu, Susquehanna University

Presentations:
Do Practice Rounds Bias Experimental Auction Results?
Jay Corrigan, Kenyon College; Matthew Rousu, Susquehanna University

Polarized Preferences in Homegrown Value Auctions
Terrance Hurley, Chengyan Yue, and Neil O. Anderson, University of Minnesota

Estimating the Impact of Food and Drug Administration Regulation of Cigarette Package Warning Labels and the Potential Added Impact of Plain Packaging: Evidence from Experimental Auctions among Adult Smokers
Matthew Rousu, Susquehanna University; James Thrasher, David Hammond, and Ashley Navarro, University of South Carolina; Jay Corrigan, Kenyon College

2085 Successful Education: Source, Delivery, and Evaluation
David L. Lawrence Convention Center, Room 414

AAEA Selected Paper Session
Changes in education communication are explored. We begin by evaluating how economics courses delivered via distance compare to those delivered in traditional format. We follow by examining farmer perception of information sources and their importance to in the decision making process. We end with presentations on the effects of entrepreneurship courses in agricultural economics curricula and how entrepreneurship courses can be integrated into Colleges of Agriculture.

Moderator: Chyi-Lyi (Kathleen) Liang, University of Vermont

Presentations:
Influence of Course Delivery Method and Proctoring on Performance in Introductory Economics
Cheryl Wachenheim, North Dakota State University

Factors Influencing Cotton Farmers’ Perceptions about the Importance of Information Sources in Making Precision Farming Decisions
Margarita Velandia, Dayton M. Lambert, Roland K. Roberts, James Larson, and Burton English, University of Tennessee; Rodney Rejesus, North Carolina State University

Positioning a Value Added Entrepreneurship Class in a New College Curriculum: A CFANS Example
Ward Nefstead, University of Minnesota

Help Students to Think Outside the Box with the Entrepreneurship Education in the College of Agriculture—Curriculum and Learning Reflections
Chyi-Lyi (Kathleen) Liang, University of Vermont

2086 The Role of Dynamics and Risk in Technology Adoption
David L. Lawrence Convention Center, Room 415

AAEA Selected Paper Session
These papers examine farmer adoption of new technologies and the role that dynamic concerns and risk play, with applications to GM crops, site-specific management, and specialty crops.

Moderator: Srinivasa Sasdhar Ponnaluru, Washington State University

Presentations:
Adoption of Variability Detection and Variable Rate Application Technologies by Cotton Farmers in Southern United States
Shyam Nair, Chenggang Wang, Eduardo Segarra, and Eric J. Belasco, Texas Tech University; Margarita Velandia, University of Tennessee; Jeanne Reeves, Cotton Incorporated

A Dynamic Adoption Model with Bayesian Learning: Application to the U.S. Soybean Market
Xingliang Ma and Guanming Shi, University of Wisconsin

An Assessment of the Interaction between High Tunnels and Crop Insurance for Specialty Crop Producers
Eric J. Belasco, Texas Tech University; Srinivasa Sasdhar Ponnaluru, Suzette P. Galinato, and Thomas Marsh, Washington State University
Concurrent Sessions, Tuesday, 1:30 pm–3:00 pm

2087 Biofuels: Production and Consumption
David L. Lawrence Convention Center, Room 319

NAREA Selected Paper Session
An oft-stated goal of policymakers and politicians alike is to reduce U.S. dependence on foreign energy sources. Biofuels may present such an opportunity. This session examines issues in the development of this potential energy resource, including consumer and producer perspectives.

Moderator: David Timmons, University of Massachusetts Boston

Presentations:
The Feasibility of Cellulose-to-Ethanol Production in New Hampshire Using Forest and Agricultural Biomass
Matthew M. Smith, Douglas E. Morris, John Halstead, and Sarah S. Smith, University of New Hampshire
Landowner Income and Willingness-to-Plant Biomass Crops
David Timmons, University of Massachusetts Boston
Does Money Grow on Trees? People’s Willingness-to-Pay for Cellulose Ethanol
Katherine Farrow, Mario Teisl, and Caroline Noblet, University of Maine
Cointegration in Markets for Yellow Grease and Soybean Oil
Sangnyeol Jung and Stephen Davis, Southwest Minnesota State University

2088 Land Use Policy and Preservation
David L. Lawrence Convention Center, Room 320

NAREA Selected Paper Session
Land use and conservation policies have impacted private landholders, farmers, and public lands in the U.S. through initiatives that address land conservation, public land use, and agricultural policy. This session includes papers that investigate methods to calculate the public good values of agricultural and forest lands, incentives for crop choice, the impact of local conservation programs, and payments for environmental services.

Moderator: Joshua Duke, University of Delaware

Presentations:
Stated Preference and Spatial Location: Optimal Parcel Prioritization with Spatial Interdependencies
Joshua Duke and Steven J. Dundas, University of Delaware; Robert Johnston, George Perkins Marsh Institute; Kent Messer, University of Delaware
A Closer Look at the Influence of Government Policy on Land Use in the United States
Lei Lei and Bradley Rickard, Cornell University; Joseph V. Balagtas, Purdue University
Heterogeneous Impacts: Identifying and Interpreting Regional Variation in the Impact of Payments for Ecosystem Services in Costa Rica
Erin Sills, North Carolina State University
The ‘Credibility Revolution’: Agricultural and Applied Economists, Take Note
Marc Bellemare, Duke University

2089 Impact Evaluation in Practice
David L. Lawrence Convention Center, Room 321

NAREA Symposium
This symposium, organized with AAEA’s International Section, includes a set of contributed papers on impact evaluation in developing regions. The symposium will build on the AAEA & NAREA co-sponsored plenary session on the same topic, with the papers illustrating new approaches and key challenges to internal and external validity. This will be followed by comments on the papers and discussion of promising new avenues for impact evaluation of natural resource, environmental, and agricultural policies in the developing world.

Organizer: Erin Sills, North Carolina State University
Moderator: Michael Carter, University of California, Davis

Presentations:
Forest Income after Uganda’s Forest Sector Reform: Are the Rural Poor Gaining?
Pamela Jagger, University of North Carolina
The Ecological Footprint of Poverty Alleviation: Evidence from Mexico’s Oportunidades Program
Jarrod Welch, University of California, San Diego
Heterogeneous Impacts: Identifying and Interpreting Regional Variation in the Impact of Payments for Ecosystem Services in Costa Rica
Erin Sills, North Carolina State University
What Makes Farmers Willing to Participate in Payment-for-Environmental Services Programs?
Shan Ma, Scott M. Swinton, and Frank Lupi, Michigan State University; Maria Christina Jolejole, University of Illinois at Urbana-Champaign
Concurrent Sessions, Tuesday, 4:45 pm–6:15 pm

2090 Crop Insurance and Farm Programs
David L. Lawrence Convention Center, Room 303

COSBAE and Extension Section Track Session
Crop insurance is now the central player in farm risk management. Government spending on crop insurance is projected to exceed spending on farm commodity programs in future years. With all farm support programs facing tight budget constraints in the new Farm Bill, alternative programs are under examination to reduce spending, simplify programs, and eliminate redundancy. This discussion will examine the interaction of crop insurance and other farm support programs, assess how crop insurance and farm programs may develop under emerging Farm Bill proposals for alternative farm support structures, and examine how crop insurance may evolve over the long run.

Organizers: Laurence Crane, National Crop Insurance Services; Duncan Chembezi, Alabama A&M University
Moderator: Keith Collins, USDA-Office of the Chief Economist
Panelists: Joe Outlaw, Texas A&M University; Kent Lanclos, USDA-Risk Management Agency; Thomas Zacharias, National Crop Insurance Services
Discussant: Laurence Crane, National Crop Insurance Services

2091 One Price for Carbon? International Coordination of Climate Change Policies
David L. Lawrence Convention Center, Room 304

International Section Track Session
Tackling climate change has become a high priority for most countries regardless of their development status. The range of options available to countries includes limiting/abating greenhouse gas (GHG) emissions or sequestering such emissions through multiple channels (e.g. alternative energy, carbon sinks). Not surprisingly, policy options and the associated channels significantly vary across countries. Simultaneously, international efforts to coordinate climate change policies have faced substantial hurdles. This session explores the range of options available to tackle climate change including domestic and trade policies and their implicit pricing of carbon and other GHG.

Organizer: Munisamy Gopinath, Oregon State University
Moderator: Munisamy Gopinath, Oregon State University
Discussants: Tun-Hsiang Yu, University of Tennessee; Harry de Gorter, Cornell University

Presentations:
U.S. Abatement and Sequestration Policies and Their Implications for Pricing Carbon
Susan Capalbo, Oregon State University
WTO-compatible Border Tax Adjustments to Mitigate Climate Change: One Price for Carbon?
Ian Sheldon, The Ohio State University
Developing Countries’ Abatement and Sequestration Policies and Their Implications for Pricing Carbon
Silvia Helena Galvão de Miranda, University of São Paulo
A General Equilibrium Perspective on Carbon Pricing
Terry Roe, University of Minnesota

2092 Economic Consequences of Risk for Participants in Beef Cattle Markets
David L. Lawrence Convention Center, Room 305

ARA Section Track Session
The beef industry is the largest and least integrated of the commercial meat protein industries. Furthermore, beef production and marketing options are more diverse than those for other commercial meat industries. Thus, beef producers bear a greater share of production and marketing risk, relative to producers involved with other types of livestock enterprises. This symposium presents production and marketing risk issues confronting beef cattle producers. Each paper analyzes the economic implications of a particular type of risk faced by beef producers and discusses potential strategies for mitigating these risks.

Organizer: Scott Fausti, South Dakota State University
Moderator: Ted Schroeder, Kansas State University

Presentations:
Fed Cattle Basis Forecasting: Assessing Alternative Methods and Regional Variation
Glynn Tonsor and Jeremiah McElligott, Kansas State University
Fed Cattle Marketing Risk: A Portfolio Approach
Scott Fausti, Matthew Diersen, Bashir Qasmi, and Jing Li, South Dakota State University
The Impact and Insurability of Extreme Weather Events on Cattle Feeding
Eric J. Belasco, Texas Tech University
Concurrent Sessions, Tuesday, 4:45 pm–6:15 pm

2093 Intellectual Property Rights, New Plant Varieties, and Innovation in Agricultural Markets
David L. Lawrence Convention Center, Room 310

AEM Section and FAMPS Track Session
Agriculture has seen rapid increases in productivity over the last few decades that have been primarily driven by the introduction of new technologies. Here we will examine jointly the process of biotechnology adoption, productivity, farm profitability, and related legal issues in U.S. agriculture. Individual papers examine these topics across various crops and in different regions of the globe. The objective of this session is to shed some new light on market power issues for companies that distribute new technologies, and how the benefits from new agricultural innovations are shared between growers, input suppliers, and plant breeders.

Organizer: Bradley Rickard, Cornell University
Moderator: Julian Alston, University of California, Davis

Presentations:
- Intellectual Property Rights: Issues of Enforcement, Licensing, and Competition
  Michael Sykuta, University of Missouri
- An Economic Analysis of Productivity, Technology Adoption, and Profitability: The Impact of Biotechnology on Agriculture
  Guanming Shi and Jean-Paul Chavas, University of Wisconsin
- Evaluating Crop Innovation Systems: Comparisons between Canada, United States, Europe, and Australia
  Richard Gray, University of Saskatchewan
- Using Auction Data to Understand the Value of Patents for Managed Apple Varieties
  Bradley Rickard, Cornell University

2094 Agricultural and Resource Economics: Student Perceptions and Choice of Major
David L. Lawrence Convention Center, Room 311

TLC Section Track Session
What influences students to major in agricultural and resource economics and why do more students not select these majors? The USDA has reported 16% fewer qualified graduates than employment opportunities in agricultural business and management, yet potential students’ understanding, or lack thereof, of academic and career opportunities in agricultural and natural resource fields continues to be a challenge to attracting students. Perceptions of high school students and college students, majors and non-majors regarding agriculture, agricultural economics, and environmental and resource economics will be examined, as well as how attitudes and perceptions influence enrollment in applied economics will be discussed.

Organizers: Molly Espey and Kathryn Boys, Clemson University

Presentations:
- Demographics and Recruitment: Why Do Midwestern Students Major in Agriculture?
  Alexi Thompson and Robert Burton, Kansas State University
- Identifying Student Perceptions on Agribusiness Knowledge and Skills
  Michelle Mullins Santiago, Michael Lau, and Lawrence Wolfskill, Sam Houston State University
- Life Is Full of Choices: An Examination of Students’ Choice of Resource Economics As Their Major, or Not
  Donna Spraggon and Daniel Lass, University of Massachusetts Amherst
- High School Students Perceptions of Applied Economics and Choice of Major
  Kathryn Boys, Molly Espey, and Seth Weaver, Clemson University

2095 Adolescent Girls and Agriculture
David L. Lawrence Convention Center, Room 315

IAAE Organized Symposium
The objective of this session is to present diagnostic data about the engagement of adolescent girls in agriculture and the conditions under which this happens. It will also present recent impact evaluations of projects targeted at income generation by adolescent girls.

Organizer: Elisabeth Sadoulet, University of California, Berkeley
Moderator: Elisabeth Sadoulet, University of California, Berkeley
Discussant: Kelly Jones, University of California, Berkeley

Presentations:
- Impact Analysis of the Adolescent Girl Initiative in Uganda
  Markus Goldstein, World Bank
- Evaluating the Impact of Providing Income Generating Projects to Adolescent Girls in Tanzania
  Sarah Baird, George Washington University
- The Status of Adolescent Girls in African Agriculture: A Diagnostic and an Evaluation of Policy Options
  Alain de Janvry, Elisabeth Sadoulet, Angeli Kirk, and Daley Kutzman, University of California, Berkeley
Concurrent Sessions, Tuesday, 4:45 pm–6:15 pm

2096  Ecosystem Service Payments  
David L. Lawrence Convention Center, Room 316

**AAEA Selected Paper Session**
The presentations in this session discuss the preferences and efficiency of payment methods.

**Moderator:** Yong Jiang, North Dakota State University

**Presentations:**
- An Iterative Auction for Spatially Contiguous Land Management: An Experimental Analysis  
  Simanti Banerjee, University of Stirling; James S. Shortle and Anthony M. Kwasnica, Pennsylvania State University
- On Self-selection in PES Schemes  
  Noel Russell and Johannes Sauer, University of Manchester
- The Foraging Economics of Honey Bees in Almonds  
  Antoine Champetier, University of California, Davis
- Producer Preference for Land-based Biological Carbon Sequestration in Agriculture: An Economic Inquiry  
  Yong Jiang and Won Koo, North Dakota State University

2097  Land in Economic Development  
David L. Lawrence Convention Center, Room 317

**AAEA Selected Paper Session**
Land has been the central issue in economic development. The papers in this session bring in new data to examine the impact of more secure land tenure on tree plantation in Uganda, the impact of land rental markets on household welfare and poverty reduction in Kenya and South Africa, and the long-term impact of tenancy reform in India.

**Moderator:** Songqing Jin, Michigan State University

**Presentations:**
- Complete the Incompleteness of Land Reform: West Bengal Evidence  
  Klaus Deininger, World Bank; Songqing Jin and Vandana Yadav, Michigan State University
- The Impact of Biofuels Crop and Land Rental Markets on Farm Household Incomes: Evidence from South Africa  
  Arthur Mabiso, International Food Policy Research Institute; Dave Weatherspoon, Michigan State University
- Tenant Rights and Tree Planting in Uganda  
  Michael Betz, The Ohio State University
- Impacts of Land Rental Markets on Rural Poverty in Kenya  
  Songqing Jin and Thom Jayne, Michigan State University

2098  Ecosystems and Environmental Kuznets Curve  
David L. Lawrence Convention Center, Room 318

**AERE Session**
**Presentations:**
- Estimating Values, Tradeoffs, and Complementarities in Ecosystem Restoration  
  Sahsan Dissanayake and Amy Ando, University of Illinois at Urbana-Champaign
- Testing for Environmental Kuznets Curves in Energy Markets  
  Adrienne M. Ohler, Illinois State University
- Measuring Environmental Quality: Ecosystem Services or Human Health Effects  
  Aaron Strong, University of Iowa

2099  Models of Commodity Price Level and Volatility  
David L. Lawrence Convention Center, Room 329

**AAEA Selected Paper Session**
This session presents various methodologies for estimating changes to commodity price level and volatility.

**Moderator:** Catherine Benjamin, Université de Rennes 1

**Presentations:**
- High Price Volatility and Spillover Effects in Energy Markets  
  Aaron Singh, Berna Karali, and Octavio Ramirez, University of Georgia
- Testing for Volatility Changes in Grain Markets  
  Feng Wu and Robert Myers, Michigan State University
  Catherine Benjamin, Université de Rennes 1; Jacinto Fabiosa, Iowa State University

2100  Farm Payments  
David L. Lawrence Convention Center, Room 330

**AAEA Selected Paper Session**
Topics examined include crowding out effects and distributional effects of CAP subsidies, production effects of decoupled programs, and inefficiency due to overlaps in producer support programs.

**Moderator:** Joseph Cooper, USDA-Economic Research Service

**Presentations:**
- Do Decoupled Payments Stimulate Production?  
  Jeremy Weber and Nigel Key, USDA-Economic Research Service
- Distributional Effects of CAP Subsidies: Micro Evidence from the EU  
  Pavel Ciaian, d’Artis Kancs, and Sergio Gomez y Paloma, European Commission
- Do Agricultural Subsidies Crowd-out or Stimulate Rural Credit Market Institutions? The Case of CAP Payments  
  Pavel Ciaian, European Commission; Jan Pokrivcak and Katarina Szegenyova, Slovak Agricultural University
- Identifying and Reducing Overlap in Farm Program Support  
  Joseph Cooper and Enk O’Donoghue, USDA-Economic Research Service
Concurrent Sessions, Tuesday, 4:45 pm–6:15 pm

2101  Land Use and Biofuels
David L. Lawrence Convention Center, Room 401

AAEA Selected Paper Session
This session examines the implications of biofuel market growth on land and land characteristics.

Moderator: David Smith, University of Minnesota

Presentations:
Effects of Forestland Ownership Conversion on Greenhouse Gas Emissions: The Case of South Korea
Seong-Hoon Cho, University of Tennessee; Hee Ho Kim, Kyungpook National University; Roland K. Roberts, SeungGyu Kim, and Daegoon Lee, University of Tennessee
Cost of Maintaining CRP in Presence of Biofuels
Haixiao Huang, Madhu Khanna, and Xi Yang, University of Illinois at Urbana-Champaign
Assessing the Opportunity Cost of Growing a Bioenergy Crop in California: A PMP Approach
Fujin Yi and Pierre Merel, University of California, Davis
Willingness of Agricultural Landowners to Supply Perennial Energy Crops
David Smith, Candi Schulman, and Dean Current, University of Minnesota

2102  Impacts of Climate Changes on Agricultural Production
David L. Lawrence Convention Center, Room 402

AAEA Selected Paper Session
This session includes papers exploring the impacts of climate changes on agricultural productions.

Moderator: Liang Lu, University of Idaho

Presentations:
The Potential Effects of Climate Change on the Productivity, Costs, and Returns of U.S. Concentrated Livestock Production
Nigel Key and Stacy Sneeringer, USDA-Economic Research Service
The Effect of Climate Change, CO2, Fertilization, and Crop Production Technology on Crop Yields and Its Economic Implications on Market Outcomes and Welfare Distribution
Witsanu Attavanich and Bruce McCarr, Texas A&M University
Green House Gas Emissions and the U.S. Agricultural Environmental Performance
Tshepelayi Tshepelayi Kabata, University of Nebraska
Weather Forecast Based Conditional Pest Management: A Stochastic Optimal Control Investigation
Levan Elbakidze and Liang Lu, University of Idaho

2103  The Role of Entrepreneurship in Regional Economic Growth
David L. Lawrence Convention Center, Room 403

AAEA Selected Paper Session
Regional economic prosperity relies on entrepreneurial activities. This session sheds light on the dynamics between economic growth and entrepreneurial activity. Understanding this relationship has important policy implications. Recent literature suggests that policies are most effective in stimulating regional economic growth when these are focused on supporting local entrepreneurs.

Moderator: Chyi-Lyi (Kathleen) Liang, University of Vermont

Presentations:
Quantifying State Level Risk and Policy Preference Effects on Entrepreneurship
John Mann II and David Shideler, Oklahoma State University
The Determinants of Self-employed Income in a Regional Economy
Devin C. Swindall, David B. Willis, Kathryn Boys, and David Hughes, Clemson University
Multifunctional Operation and Long Term Sustainability for Small and Medium-sized Farms and Rural Communities
Chyi-Lyi (Kathleen) Liang, University of Vermont

2104  Value and Impacts of New Crop Technologies
David L. Lawrence Convention Center, Room 404

AAEA Selected Paper Session
These papers examine the value and impacts of new crop technologies. Applications include the risk impacts of GM traits in corn, the value and price impacts of wheat protein measurement, the soil productivity impacts of corn stover harvest, and the efficiency of Nebraska crop production.

Moderator: Juan P. Sesmero, Purdue University

Presentations:
Economic Value of Information: Wheat Protein Measurement
Ruiqing Miao and David Hennessy, Iowa State University
GM Traits and Production Risk
Elizabeth Nolan and Paulo Santos, University of Sydney
Technical and Environmental Efficiency of Farmers across Counties in Nebraska: A Non-parametric Approach—Data Envelopment Analysis (DEA)
Kepifri Lakoh, University of Nebraska
Sustainability of Corn Stover Use for Biomass
Juan P. Sesmero, Purdue University
Concurrent Sessions, Tuesday, 4:45 pm–6:15 pm

2105  Price Risk and Volatility
David L. Lawrence Convention Center, Room 405

AAEA Selected Paper Session
The papers in this session focus on the modeling of agricultural commodity prices and price volatility. Specific applications include the forecasting of futures, option pricing, the determinants of price volatility, and volatility spillovers among commodities.

Moderator: Marin Bozic, University of Wisconsin

Presentations:
- Milk Price Volatility and Its Determinants
  Fengxia Dong, Xiaodong Du, and Brian Gould, University of Wisconsin
- Forecasting Corn Futures Volatility in the Presence of Long Memory, Seasonality, and Structural Change
  Xiaoyang Wang and Philip Garcia, University of Illinois at Urbana-Champaign
- Volatility Spillovers in Agricultural Commodity Markets: An Application Involving Implied Volatilities from Options Markets
  Jieyuan Zhao and Barry Goodwin, North Carolina State University
- Pricing Options on Commodity Futures: The Role of Storage and Weather
  Marin Bozic and T. Randall Fortenbery, University of Wisconsin

2106  Food Safety Issues in China and Its Impact on U.S. Markets through Trade
David L. Lawrence Convention Center, Room 406

Invited Paper Session/China Section and FSN Section Track Session
This session proposes three related papers emphasizing on the growing concerns over food safety assurance in China’s domestic food markets as well as the impact of tighter food safety control on Chinese agri-food exports to the U.S. market. China has been a major source of U.S. import for seafood, food ingredients, and processed fruit and vegetables. Serious food safety scandals occurred recently in China and have jeopardized the trusts of consumers from both of its domestic and exporting markets. Consumers are calling for tighter marketing rules, stronger non-tariff import barriers, and stricter production regulations.

Organizer: Hong Wang, Purdue University
Moderator: Laurian Unnevehr, USDA-Economic Research Service
Discussant: Sven Anders, University of Alberta

Presentations:
- Food Safety Pressures Push Integration in China’s Agricultural Sector
  Diogo M. Souza Monteiro, University of Kent; Neal Hooker, Saint Joseph University
- Local Food, Organics, and Sustainability
  Dawn Thilmany McFadden, Colorado State University
- Quality, Process, and Lifestyle Product Standards
  Julie Caswell, University of Massachusetts Amherst
- Updating Traditional Marketing Programs
  Richard Heifner, USDA-Economic Research Service (Retired)

2107  The Federal Policy Role in Today’s Food and Agricultural Markets
David L. Lawrence Convention Center, Room 407

Senior Section Track Session
This session will address the role of federal programs affecting food and agricultural marketing. A number of existing policies and programs were designed years ago to facilitate, regulate, or foster improved marketing of agricultural products. They have been updated and adapted to changes in the marketing system over the years, yet are challenged to serve the needs of today’s evolving markets. A number of other policies and programs which affect food and agricultural markets, though not created for that express purpose, now play an important role in the evolving global food and agricultural markets.

Organizers: Walter J. Armbruster, Farm Foundation (retired); Ronald Knutson, Texas A&M University
Moderator: Neilson Conklin, Farm Foundation

Presentations:
- Food Safety and Traceability
  Diogo M. Souza Monteiro, University of Kent; Neal Hooker, Saint Joseph University
- Local Food, Organics, and Sustainability
  Dawn Thilmany McFadden, Colorado State University
- Quality, Process, and Lifestyle Product Standards
  Julie Caswell, University of Massachusetts Amherst
- Updating Traditional Marketing Programs
  Richard Heifner, USDA-Economic Research Service (Retired)
Concurrent Sessions, Tuesday, 4:45 pm–6:15 pm

**2108 Experimental Evidence on Market Behavior and Investments**  
*David L. Lawrence Convention Center, Room 408*

**AAEA Selected Paper Session**  
This session presents experimental evidence on several forms of market behavior and interactions. It starts with studying investment behavior of farmers to study behavioral obstacles to structural change. The second study provides insights into the role of bargaining power in relational contracts and discusses consequences of enacting policies that improve the bargaining conditions of weaker parties. The third paper looks at coordination of market participants and applies these findings to congestion externalities and its interaction with policy interventions that target incentives to enter. The final paper also deals with the role of market entry, but analyzes its impact of the market size in water quality trading that are mostly characterized by low trading volumes.

**Moderator:** Jordan Suter, Oberlin College  
**Presentations:**  
Optimal Timing of Farmland Investment—An Experimental Study on Farmers’ Decision Behavior  
*Syster Christin Maart and Oliver Mußhoff, Georg-August-Universität Göttingen*  
Bargaining Power in Relational Contracts: An Experimental Study  
*Paula Cordero Salas, The Ohio State University*  
Coordination and Miss-coordination in Market Entry Games with an Application to Congestion Externalities  
*Hernan D. Bejarano and James S. Shortle, Pennsylvania State University*  
Thin and Lumpy: An Experimental Investigation of Water Quality Trading  
*Jordan Suter, Oberlin College; Gregory Poe, Cornell University; John Spraggon, University of Massachusetts Amherst*

**2109 Food Security and Consumption**  
*David L. Lawrence Convention Center, Room 409*

**AAEA Selected Paper Session**  
This session deals with food security and consumption issues in different contexts. Among other topics considered are food insecurity, spousal relationships, expenditures on food away from home, and meal production functions.

**Moderator:** George Davis, Virginia Tech  
**Presentations:**  
BMI Changes in Russian Adults: The Role of Spousal Relationships and Lifestyles  
*Sonya Huffman, Iowa State University*  
Household Food Expenditures Away from Home by Type of Meal  
*Miaoru Liu, Panagiotis Kasteridis, and Steven Yen, University of Tennessee*  
Food Security and Price Shocks in Afghanistan: A Distribution-sensitive Analysis of Household-level Impacts  
*Anna D’Souza, USDA-Economic Research Service; Dean Jolliffe, World Bank*  
Direct Household Meal Production Function Estimation: Returns to Scale, Elasticity of Substitution, and Poverty Thresholds  
*George Davis and Wen You, Virginia Tech*

**2110 Informational Impacts on Beef and Pork Purchases**  
*David L. Lawrence Convention Center, Room 410*

**AAEA Selected Paper Session**  
This session examines consumers response to product information at the point of sale for beef and pork purchases.

**Moderator:** Jason Franken, University of Missouri  
**Presentations:**  
U.S. Consumers Preference for Country-of-Origin-Labeled Beef Steak and Food Safety Enhancements  
*Kar Ho Lim, University of Kentucky*  
Who Provides Information Matters: The Role of Source Credibility on U.S. Consumers’ Beef Brand Choices  
*Domenico Dentoni, Wageningen University; Glynn Tonsor, Kansas State University; Roger Calantone and Christopher Peterson, Michigan State University*  
Analyzing Pork Purchases at the Point of Sale—The Role of Consumer Involvement  
*Carola Grebitus, University of Bonn; Gregory Colson, University of Georgia; Luisa Menapace, University of Trento*  
Consumers’ Willingness-to-Pay for Retail Branded Beef Products with Bundled Attributes  
*Jason Franken and Joseph Parcell, University of Missouri; Glynn Tonsor, Kansas State University*
Concurrent Sessions, Tuesday, 4:45 pm–6:15 pm

2111 Agricultural Productivity Analysis and the Dairy Industry
David L. Lawrence Convention Center, Room 319

NAREA Selected Paper Session
U.S. agriculture has experienced significant structural changes over the past decade. Some of these are due to government policies and consumption changes while others are linked to productivity differences. This session includes papers that investigate changes in the intake of dairy, sustainability in dairy farming, regional differences in cow-calf operations throughout the United States, and regional differences in increasing agricultural productivity that have occurred in the United States over the past several decades.

Moderator: Krishna Paudel, Louisiana State University

Presentations:
Test of Convergence in Agricultural Factor Productivity: A Semi-parametric Approach
Krishna Paudel, Louisiana State University; Biswo Poudel, University of California, Berkeley; Mahesh Pandit, Louisiana State University

Multiple Output and Multiple Input Productivity Analysis with Undesirable Outputs: An Application to Dairy Farming in New England
Eric Njuki, Boris Bravo-Ureta, and Deep Mukherjee, University of Connecticut

Cow-Calf Farm Management: Farm Survey Evidence from 2007–2009
Richard Nehring, USDA-Economic Research Service; Jeffrey Gillespie, Louisiana State University; J. Michael Harris, Kenneth Erickson, and Charlie Hallahan, USDA-Economic Research Service

Whole Milk vs. Reduced Fat Milk Consumption among WIC Children: Pre-food Package Changes
Emine Bayar, Ariun Ishdorj, and Oral Capps Jr., Texas A&M University

2112 Pest Control and Pesticide Resistance
David L. Lawrence Convention Center, Room 320

NAREA Selected Paper Session
A major issue for agricultural productivity is pest management. The papers in this session examine issues in pest management including safety, pesticide resistance, technology adoption, and land-use management for pest control.

Moderator: Mike Livingston, USDA-Economic Research Service

Presentations:
Spatially Optimal Habitat Land Use Management for Natural Pest Control Ecosystem Services in Agricultural Landscapes
Wei Zhang, International Food Policy Research Institute; Scott M. Swinton and Aklesso Egbenewo-Mondzozo, Michigan State University; Wopke van der Werf and Felix Bianchi, Wageningen University

Diffusion of Bt Cotton in India: Impact of Seed Prices and Technological Development
Anchal Arora and Sangeeta Bansal, Jawaharlal Nehru University

Economic Returns to Glyphosate Resistance Management
Mike Livingston and Jorge Fernandez-Cornejo, USDA-Economic Research Service; David Shaw, Mississippi State University; Micheal Owen and Philip Dixon, Iowa State University; Stephen Weller, Purdue University; Bryan Young, Southern Illinois University; Robert Wilson Jr., University of Nebraska; David Jordan, North Carolina State University

Do Pesticide Labels Protect Agricultural Workers?
Elisabeth Newcomb Sinha, University of Maryland

2113 Uncertainty and Risk Management
David L. Lawrence Convention Center, Room 321

NAREA Selected Paper Session
Uncertainty is a way of life for nearly all economic agents. This session focuses on investigating how risk and uncertainty affects farmer and policy decision making.

Moderator: Eric N. Duquette, USDA-Economic Research Service

Presentations:
A Dynamic Model of Farmer Adaptation to Surface Water Supply Uncertainty
C. S. Kim and Marcel Aillery, USDA-Economic Research Service; Richard Adams, Oregon State University; Mike Livingston, USDA-Economic Research Service

Learning by Doing, Risk Aversion, and Use of Risk Management Strategies
Hiroki Uematsu and Ashok Mishra, Louisiana State University

The Future of California’s Sacramento-San Joaquin Delta: Water Policy Alternatives and Probabilistic Political Viability
Rachael Goodhue, University of California, Davis; Susan Stratton Sayre, Smith College; Leo Simon, University of California, Berkeley

Adaptation by U.S. Farmers to Weather Risks: Technology Adoption and Insurance Coverage
Eric N. Duquette and Robert M. Ebel, USDA-Economic Research Service
## Concurrent Session Topical Index

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| **2056** Commodity Price Determinants and Relationships in Agribusiness Markets  
*Tuesday, 10:30 am–12:00 pm* | 93 |

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| **1030** The Scientific Pluralism of Agribusiness  
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| **2001** Expectations, Perceptions, and Requirements for Academic Tenure  
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| **1049** Financial and Business Management Issues in the Livestock and Dairy Industries  
*Monday, 1:30 pm–3:00 pm* | 93 |
| **1072** Risk and Efficiency Issues in Agricultural Lending  
*Monday, 4:30 pm–6:00 pm* | 95 |
*Tuesday, 8:00 am–9:30 am* | 96 |
| **2020** Income Enhancement and Risk Management in Various Farm Businesses  
*Tuesday, 8:00 am–9:30 am* | 96 |
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<td>Financial Implications of Ownership, Funding, and Business Management Arrangements</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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### Applied Risk Analysis (ARA) Track Sessions

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<td>2033</td>
<td>The Economics of Health Risks and Disasters</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<tr>
<td>2063</td>
<td>Can Government Really Make Agriculture Less Risky?</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2092</td>
<td>Economic Consequences of Risk for Participants in Beef Cattle Markets</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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### Behavioral Economics

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<td>1056</td>
<td>Conservation and Consumer Behavior</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<td>2057</td>
<td>Experiments in Ag and Resource Policy: The Roles of Trust, Fairness, and Other Emotions</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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### China Section Track Sessions

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<tr>
<td>1006</td>
<td>Rural China in the New Era: Subsidy, Credit, and Land</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1059</td>
<td>The Changing Landscape of China’s Agriculture and Consumer Behavior</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>2106</td>
<td>Food Safety Issues in China and Its Impact on U.S. Markets through Trade</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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### Committee on the Opportunities & Status of Blacks in Agricultural Economics (COSBAE) Track Sessions

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<tr>
<td>1036</td>
<td>Globalization and Agriculture in African Economies</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>1062</td>
<td>The Role of Agricultural Economics in Food Safety Standard Development, Education, and Evaluation</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>2003</td>
<td>Strategies for Successful Student Recruitment in Applied Economics</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2090</td>
<td>Crop Insurance and Farm Programs</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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### Committee on Women in Agricultural Economics (CWAE) Track Sessions

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<tr>
<td>1003</td>
<td>Marketing Sustainability: Demand Side, Supply Side, and Welfare Aspects</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1075</td>
<td>Standing on the Shoulders of a Giant: The Broad Reach of Professor Jean Kinsey</td>
<td>Monday, 4:30 pm–6:00 pm</td>
</tr>
<tr>
<td>2036</td>
<td>Multidisciplinarity in Agricultural Economics: Practitioner Attitudes, Publishing, and the Job Market</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<tr>
<td>2078</td>
<td>Annie’s Project—Successful Agricultural Economics Programming</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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### Community Economics Network (CENET) Track Sessions

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<tbody>
<tr>
<td>2004</td>
<td>Rural Development Policy in Perspective: An International Comparison of OECD Countries</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2034</td>
<td>Economic Contributions from a More Localized Food System</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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### Demand & Price Analysis

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<tr>
<td>1013</td>
<td>Price Transmission and Market Integration</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1038</td>
<td>Chinese Urban Food Consumption</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>1042</td>
<td>Climate, Weather, and Demand</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>1067</td>
<td>Estimating the Food Demand Impact of Culture, Quality, and Convenience</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>2013</td>
<td>In Vino Veritas: Wine Consumers’ Preferences and Knowledge</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2044</td>
<td>Advances in Demand Modeling</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<tr>
<td>2072</td>
<td>Topics in Demand Modeling</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2099</td>
<td>Models of Commodity Price Level and Volatility</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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<tr>
<td>Posters: T32–T45; Poster Tour: Spatial Models of Demand (T1–T5)</td>
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### Econometrics Section Track Sessions

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<tr>
<td>1058</td>
<td>The Structural Approach to High Dimensional Zeroes Problems in Econometrics</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>2005</td>
<td>A Session in Honor and Memory of Catherine Morrison Paul</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2064</td>
<td>The History, Practice, and Latest Advances in Unit Roots and Cointegration</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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#### Environmental & Nonmarket Valuation

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<th>Session Code</th>
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<tr>
<td>1018</td>
<td>Measuring WTP for Animal Welfare in Agricultural Production: The Role of Information and Preference Instruments</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1025</td>
<td>Advances in Nonmarket Valuation Methodology</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1053</td>
<td>Valuing Ecosystem Services</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>1078</td>
<td>Land Use, Land Practices, and Valuation</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>1082</td>
<td>Benefits Transfer and Nonmarket Valuation</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>2025</td>
<td>Nonmarket Valuation: Water Resource Management</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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**Posters:** T40–T42; Poster Tour: The Benefits and Costs of Land Use and Agricultural Policies (T6–T10)

#### Experimental Economics

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<tbody>
<tr>
<td>2018</td>
<td>Experiments with Farmers: Risk, Ambiguity, and Discounting</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2084</td>
<td>Experiments on Auctions</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2108</td>
<td>Experimental Evidence on Market Behavior and Investments</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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**Posters:** T43–T45

#### Extension Section Track Sessions

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<tr>
<td>1005</td>
<td>Meeting Fuel Mandates with Red Hot Markets</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1019</td>
<td>Washington Policy Update by Chief Economists From the House and Senate Ag Committees</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1034</td>
<td>Risk Management and U.S. Farm Policy: Experience and Prospects</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>1061</td>
<td>Extension Section Crops Outlook</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<td>2019</td>
<td>Policy Options and Consequences for the 2012 Farm Bill</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<td>2031</td>
<td>Graduate Student Competition in Extension—Winners’ Presentations</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<td>2067</td>
<td>Livestock Outlook and Industry Issue Panel Discussion</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<td>2078</td>
<td>Annie’s Project—Successful Agricultural Economics Programming</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2090</td>
<td>Crop Insurance and Farm Programs</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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#### Food & Agricultural Marketing

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<tr>
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<td>1014</td>
<td>Grain Marketing Issues</td>
<td>Monday, 10:15 am–11:45 am</td>
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<td>1029</td>
<td>Eco-marketing and Green Products</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1043</td>
<td>Understanding Consumer Preference</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<td>1055</td>
<td>Food and Health Trends—Economic Conditions, Healthy Alternatives, Local Foods, and School Lunches</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<td>1057</td>
<td>Local Food and Community Policy</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<td>1065</td>
<td>Understanding Food Choice: Insights from Europe</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<td>1074</td>
<td>Sensory Analysis in Economics: How Sensory Attributes Influence Consumer Willingness-to-Pay</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<td>2014</td>
<td>Organic Food Marketing and Traceability</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<td>2045</td>
<td>Advertising and Other Marketing Challenges</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<td>2073</td>
<td>Producer and Consumer Marketing Issues with Local Foods</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<td>2110</td>
<td>Informational Impacts on Beef and Pork Purchases</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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**Posters:** M46–M53

#### Food & Agricultural Marketing Policy Section (FAMPS) Track Sessions

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<td>Marketing Sustainability: Demand Side, Supply Side, and Welfare Aspects</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1034</td>
<td>Risk Management and U.S. Farm Policy: Experience and Prospects</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>1075</td>
<td>Standing on the Shoulders of a Giant: The Broad Reach of Professor Jean Kinsey</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>2049</td>
<td>Moving Toward Risk-based Food Safety Systems: United States, Canada, and WHO Experience</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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2093 Intellectual Property Rights, New Plant Varieties, and Innovation in Agricultural Markets
   Tuesday, 4:45 pm–6:15 pm

Food & Agricultural Policy Analysis

1015 U.S. Nutrition Support Programs
   Monday, 10:15 am–11:45 am

1039 Public Policies Influencing Local Foods Production
   Monday, 1:30 pm–3:00 pm

1044 Crop Insurance
   Monday, 1:30 pm–3:00 pm

1069 Health and Safety
   Monday, 4:30 pm–6:00 pm

2015 High Calorie Food Policies
   Tuesday, 8:00 am–9:30 am

2046 Biofuel Policy
   Tuesday, 10:30 am–12:00 pm

2048 Regional, Commodity, and Budget Driven Interests in Agricultural Policy Reform for the 2012 Farm Bill
   Tuesday, 10:30 am–12:00 pm

2074 Global Food Security
   Tuesday, 1:30 pm–3:00 pm

2100 Farm Payments
   Tuesday, 4:45 pm–6:15 pm

2112 Pest Control and Pesticide Resistance
   Tuesday, 4:45 pm–6:15 pm

Posters: T46–T59; Poster Tour: Land Allocation (M6–M10)

Food Safety & Nutrition

1022 Peers, Family, and Time Effects on Food Security, Dietary Quality, and Obesity
   Monday, 10:15 am–11:45 am

1027 The Economics of Coupons, Advertising, Information, and Regulation
   Monday, 10:15 am–11:45 am

1076 Of Mice and Men and Women: Research on the Economics of Obesity, Dietary Quality, and Health
   Monday, 4:30 pm–6:00 pm

2022 Farm-level Food Safety and Food Taxes
   Tuesday, 8:00 am–9:30 am

2051 The Economics of Food Insecurity and Food Assistance Programs
   Tuesday, 10:30 am–12:00 pm

2059 Food and Wine: Safety and Policy
   Tuesday, 10:30 am–12:00 pm

2079 Food Safety and Food Demand in East Asia
   Tuesday, 1:30 pm–3:00 pm

2106 Food Safety Issues in China and Its Impact on U.S. Markets through Trade
   Tuesday, 4:45 pm–6:15 pm

Posters: M54–M59; Poster Tour: Research on the Economics of Food Safety and Nutrition (M1–M5)

Food Safety & Nutrition Section (FSN) Track Sessions

1007 Solving the Healthy Eating Puzzle
   Monday, 10:15 am–11:45 am

1033 Recent and Upcoming Innovations in Food Assistance Programs
   Monday, 1:30 pm–3:00 pm

1075 Standing on the Shoulders of a Giant: The Broad Reach of Professor Jean Kinsey
   Monday, 4:30 pm–6:00 pm

2006 Food Consumption Challenges in the 21st Century: Trust, Technology, Food Safety, and the Demand for Food
   Tuesday, 8:00 am–9:30 am

2049 Moving Toward Risk-based Food Safety Systems: United States, Canada, and WHO Experience
   Tuesday, 10:30 am–12:00 pm

2066 Front of Package Nutrition Labels—EU and U.S. Industry and Consumer Response
   Tuesday, 1:30 pm–3:00 pm

2106 Food Safety Issues in China and Its Impact on U.S. Markets through Trade
   Tuesday, 4:45 pm–6:15 pm

Graduate Student Section (GSS) Track Sessions

1002 Navigating the Job Search Process
   Monday, 10:15 am–11:45 am

1031 Navigating Journal Writing—Advice for New and Experienced Writers
   Monday, 1:30 pm–3:00 pm

1059 The Changing Landscape of China’s Agriculture and Consumer Behavior
   Monday, 4:30 pm–6:00 pm

2001 Expectations, Perceptions, and Requirements for Academic Tenure
   Tuesday, 8:00 am–9:30 am

2031 Graduate Student Competition in Extension—Winners’ Presentations
   Tuesday, 10:30 am–12:00 pm

2061 Teaching Tips from Top Teachers: 2010 AAEA Award Recipients
   Tuesday, 1:30 pm–3:00 pm
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<td>Farm Labor and Immigration in the United States</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<td>1054</td>
<td>Health and Investment</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<td>1079</td>
<td>Econometric Methods in Household and Labor Economics</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<td>2035</td>
<td>Labor Issues of Young Adults</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<td>2095</td>
<td>Adolescent Girls and Agriculture</td>
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<td>2109</td>
<td>Food Security and Consumption</td>
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**Posters:** T60–T62

### Industrial Organization & Supply Chain Management

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<td>Retailer Behavior</td>
<td>Monday, 10:15 am–11:45 am</td>
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<td>1052</td>
<td>Contracting and Organization</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2053</td>
<td>Issues in Empirical Industrial Organization</td>
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**Posters:** M60–M63

### Institutional & Behavioral Economics Section (IBES) Track Sessions

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<td>Measuring WTP for Animal Welfare in Agricultural Production: The Role of Information and Preference Instruments</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1032</td>
<td>Changing Institutions and Behaviors for Reducing Emissions from Deforestation and Forest Degradation (REDD)</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>1060</td>
<td>An Institutional Economics Approach to Understanding Heirs’ Property: Prevalence, Problems, and Recently Proposed Legal Reform</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>2006</td>
<td>Food Consumption Challenges in the 21st Century: Trust, Technology, Food Safety, and the Demand for Food</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2030</td>
<td>The Ethics and Economics of Agri-food Competition</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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**Posters:** M64–M70; Poster Tour: Efficiency, Productivity, and Technology Adoption (M11–M15)

### International Development

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<td>The Empirics of Economic Development in Agriculture</td>
<td>Monday, 10:15 am–11:45 am</td>
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<td>1040</td>
<td>Shocks, Vulnerability, and Risk Coping</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<td>1063</td>
<td>Can Agricultural Input Subsidies Foster an African Green Revolution? Insights from Malawi</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>1066</td>
<td>Applications of Multivariate Risk and Copulas and Food Security Issues</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>2011</td>
<td>Understanding Factors Affecting Nutrition Status</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2041</td>
<td>Future Role of Food Aid: Can It Be an Effective Tool for Food Security?</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<td>2042</td>
<td>Intra-household Resource Allocation</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<td>2070</td>
<td>Understanding the Causes and Consequences of Migration</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2097</td>
<td>Land in Economic Development</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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**Posters:**

### International Section Track Sessions

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<tr>
<td>1004</td>
<td>Research and Diffusion of Tolerance Cultivars in Developing Countries: What Can We Learn from Projects to Develop Drought Tolerant Crops in Asia (Rice) and Sub-Saharan Africa (Maize)?</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1035</td>
<td>Systemic Risk, Index Insurance, and Credit Markets in Developing Countries</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2002</td>
<td>Tapping Buoyant Global Commodity Markets: Secrets of Success for Developing Competitive Commercial Agriculture</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2032</td>
<td>Global Agriculture Development: Changing Aid Architecture, New Players, and the Evolving Roles of the Traditional Donors</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<tr>
<td>2062</td>
<td>Factors Impacting Livestock and Meat Trade in the NAFTA Countries</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2091</td>
<td>One Price for Carbon? International Coordination of Climate Change Policies</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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#### International Trade

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<tr>
<td>1023</td>
<td>Climate Change and Trade</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1051</td>
<td>Agricultural Trade Flows and Trade Agreements Issues</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>1077</td>
<td>Cotton Trade Issues</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>2023</td>
<td>Agricultural Technology and Trade</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2028</td>
<td>International Trade and Energy</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2052</td>
<td>SPS and Other Technical Barrier to Trade</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<tr>
<td>2080</td>
<td>Asia Agricultural Policies and Trade</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2089</td>
<td>Impact Evaluation in Practice</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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**Posters:** T63–T73; Poster Tour: U.S. Seafood Imports—Agricultural Trade Agreements (T11–T15)

#### National Association of Agricultural Economics Administrators (NAAEA) Track Session

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<tr>
<td>1037</td>
<td>Keys to Successful Cross-institutional Collaboration</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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#### Natural Resource Economics

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<th>Session ID</th>
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<tr>
<td>1012</td>
<td>Water Management</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1028</td>
<td>Global and Developing Issues</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1041</td>
<td>Applied Spatial Modeling</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>1081</td>
<td>Water Resources</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>2012</td>
<td>Invasives and Pests</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2026</td>
<td>Invited Paper Session Featuring Selected Case Studies</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<td>2029</td>
<td>Analysis of Property Values: Theory and Applications</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<td>2043</td>
<td>Alternative Energy</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<tr>
<td>2071</td>
<td>Climate Change and Production</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2087</td>
<td>Biofuels: Production and Consumption</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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**Posters:** T74–T78

#### Production Economics

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<tr>
<td>1021</td>
<td>Productivity</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1050</td>
<td>Investigation of New Technology</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>1073</td>
<td>Biofuel</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>2021</td>
<td>Production Function Estimation</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2076</td>
<td>Production Economics in Developing Countries</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2102</td>
<td>Impacts of Climate Changes on Agricultural Production</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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<tr>
<td>2111</td>
<td>Agricultural Productivity Analysis and the Dairy Industry</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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**Posters:** Poster Tour: Production Economics: Empirical Modeling and Estimation (T16–T20)

#### Productivity Analysis & Emerging Technologies

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<td>1008</td>
<td>Agricultural Sustainability in Developing Countries: Prospects for Agricultural Productivity Growth in China, Brazil, and Sub-Saharan Africa</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1010</td>
<td>Opportunities and Constraints in Developing Renewable Energy Options</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>2027</td>
<td>Agricultural R&amp;D, Innovation, and Productivity</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2086</td>
<td>The Role of Dynamics and Risk in Technology Adoption</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2104</td>
<td>Value and Impacts of New Crop Technologies</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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**Posters:** T74–T78

#### Research Methods, Econometrics, & Statistics

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<td>1064</td>
<td>The Microdata Revolution</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>1068</td>
<td>Crop Yields and Climate Change</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>2008</td>
<td>Some of Your Data Is Imputed: What Should You Do?</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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**Posters:** M71–M78; T99–T101; Poster Tour: Aspects of Land Use (M16–M20)
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<tr>
<td>2054</td>
<td>Getting the Most Out of Data: Sample Size, Imputation, and Recall Bias</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<td>2068</td>
<td>Methodological Issues Encountered in Working with the Nielsen Homescan Panel and with the IRI Consumer Network Data</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<td>2081</td>
<td>New Frontiers for Quantitative Research in Agricultural Economics</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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**Resource & Environmental Policy Analysis**

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<td>1016</td>
<td>Renewable Energy</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1017</td>
<td>Economic Impacts of Climate and Policy</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1045</td>
<td>Farmland Conservation Practices</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>1048</td>
<td>Forest Carbon Sequestration</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<tr>
<td>1070</td>
<td>Water Quantity and Distribution</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>1071</td>
<td>Biofuel Trade and Economic Impacts</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>1080</td>
<td>Topics in Disasters and Waste Management</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<td>2009</td>
<td>Private and Public Pollution Prevention Programs</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2016</td>
<td>Water and Air Quality Policy</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<td>2017</td>
<td>Farmland Conservation and CRP</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2039</td>
<td>Climate Policy</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<tr>
<td>2047</td>
<td>Land Use Change</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<tr>
<td>2050</td>
<td>Climate Change Policy</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<tr>
<td>2058</td>
<td>Climate Change: Effects and Sequestration Opportunities</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<tr>
<td>2069</td>
<td>Water Management Issues</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2075</td>
<td>Climate Change and Biofuels</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<td>2088</td>
<td>Land Use Policy and Preservation</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2098</td>
<td>Ecosystems and Environmental Kuznets Curve</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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<td>2101</td>
<td>Land Use and Biofuels</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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<td></td>
<td>Posters: T79–T95; Poster Tour: Carbon Emissions and Carbon Offsets (M21–M25)</td>
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**Risk & Uncertainty**

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<tr>
<td>1024</td>
<td>Methods for Modeling Crop Yields</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1066</td>
<td>Applications of Multivariate Risk and Copulas and Food Security Issues</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<tr>
<td>2024</td>
<td>Weather Risk and Index Insurance</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2065</td>
<td>Crop Insurance: Incentives, Choices, and Spillovers</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2105</td>
<td>Price Risk and Volatility</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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<tr>
<td>2113</td>
<td>Uncertainty and Risk Management</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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<td></td>
<td>Posters: M87–M92; Poster Tour: Risk Preferences and Attitudes on U.S. Farms (T21–T25)</td>
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**Rural/Community Development**

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<tr>
<td>1009</td>
<td>Natural Resources and Economic Growth—Beyond Extraction, Farming, and Good Weather</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>2055</td>
<td>Rural Development and Suburbanization</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<td>2077</td>
<td>Rural Wealth Creation</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2082</td>
<td>Social Networks and Economic Development</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2103</td>
<td>The Role of Entrepreneurship in Regional Economic Growth</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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<td>Posters: M93–M95; T97–T98</td>
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**Senior Section Track Sessions**

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<tr>
<td>1005</td>
<td>Meeting Fuel Mandates with Red Hot Markets</td>
<td>Monday, 10:15 am–11:45 am</td>
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<tr>
<td>1033</td>
<td>Recent and Upcoming Innovations in Food Assistance Programs</td>
<td>Monday, 1:30 pm–3:00 pm</td>
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<td>1075</td>
<td>Standing on the Shoulders of a Giant: The Broad Reach of Professor Jean Kinsey</td>
<td>Monday, 4:30 pm–6:00 pm</td>
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<td>2019</td>
<td>Policy Options and Consequences for the 2012 Farm Bill</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<td>2038</td>
<td>Policy Analysis and Education in an Era of Advocacy</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<td>2060</td>
<td>Human Capital: Competing on Capabilities in Agriculture</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2107</td>
<td>The Federal Policy Role in Today’s Food and Agricultural Markets</td>
<td>Tuesday, 4:45 pm–6:15 pm</td>
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#### Teaching, Communication, & Extension

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<tr>
<td>2010</td>
<td>Pathways: Mentoring in the Agricultural and Applied Economics Professions (Part I)</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<tr>
<td>2040</td>
<td>Pathways: Mentoring in the Agricultural and Applied Economics Professions (Part II)</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<tr>
<td>2085</td>
<td>Successful Education: Source, Delivery, and Evaluation</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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**Posters:** M96; T96

#### Teaching, Learning, & Communications Section (TLC) Track Sessions

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<td>Strategies for Successful Student Recruitment in Applied Economics</td>
<td>Tuesday, 8:00 am–9:30 am</td>
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<td>2037</td>
<td>Managing Academic Dishonesty</td>
<td>Tuesday, 10:30 am–12:00 pm</td>
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<td>2061</td>
<td>Teaching Tips from Top Teachers: 2010 AAEA Award Recipients</td>
<td>Tuesday, 1:30 pm–3:00 pm</td>
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<tr>
<td>2094</td>
<td>Agricultural and Resource Economics: Student Perceptions and Choice of Major</td>
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<td>Bacchi, Mirian R. P.; Cepea/USP; 1008, 2056</td>
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<td>Abler, Dave; Pennsylvania State University; 1052, T72</td>
<td>Backus, Ge; Wageningen University; 1065</td>
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<td>Adam, Brian; Oklahoma State University; 1025, 2012</td>
<td>Badiane, Ousmane; International Food Policy Research Institute; M12</td>
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<td>Adamowicz, Wiktor; University of Alberta; 1032</td>
<td>Badirwang, Keelethoko; Virginia Tech; 2011</td>
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<td>Adams, Katherine P.; University of California, Davis; 2011</td>
<td>Bagby, Hannah; Clemson University; 2003</td>
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<td>Adams, Richard; Oregon State University; 2113</td>
<td>Bai, Junfei; Institute of Geographical Sciences and Natural Resource Research; 1038, 2106</td>
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<td>Adelaja, Adesoji; Michigan State University; 2038, M74</td>
<td>Baird, Sarah; George Washington University; 2095</td>
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<td>Adhikari, Arun; Louisiana State University; 1057</td>
<td>Baker, Justin; Duke University; M16</td>
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<td>Adhikari, Shyam; Texas Tech University; 1024</td>
<td>Bakhtavoryan, Rafael; Texas A&amp;M University; 1027</td>
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<td>Balagtas, Joseph V.; Purdue University; 1034, 2048, 2088, T43</td>
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<td>Akaee, Henry; Michigan State University; M74</td>
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<td>Akaichi, Faical; University of Arkansas; M44</td>
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<td>Aker, Jenny; Tufts University; 1011</td>
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<td>Balmann, Alf; Leibniz Institute of Agricultural Development in Central and Eastern Europe; M36</td>
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<td>Bampisidou, Maria; University of Florida; 2035</td>
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<td>Alexander, Corinne; Purdue University; 1001</td>
<td>Banerjee, Simanti; University of Stirling; 2096</td>
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<td>Bansal, Sangeeta; Jawaharlal Nehru University; 2112</td>
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<td>Allender, William; Arizona State University; M81, T50</td>
<td>Baral, Ranju; Virginia Tech; 2051</td>
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<td>Alston, Julian; University of California, Davis; 1015, 1041, 1067, 2013, 2093</td>
<td>Barbier, Edward; University of Wyoming; 2069</td>
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<td>Barnaby, Glenn; Kansas State University; 2019</td>
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<td>Anderson, Benjamin C.; The Ohio State University; 2053</td>
<td>Barros, Geraldo Sant’Ana de Camargo; University of São Paulo; 2056</td>
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<td>Bastin, Sandra; University of Kentucky; M47</td>
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<td>Bastos, Eliana Teles; AG/E/Mapa; 1008</td>
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<td>Ando, Amy; University of Illinois at Urbana-Champaign; 2025, 2098</td>
<td>Batte, Marvin; The Ohio State University; T31</td>
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<td>Bauer, Dana; Boston University; 1028</td>
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<td>Arellano-Sada, Rodrigo; Universidad Panamericana; 2026</td>
<td>Bayar, Emine; Texas A&amp;M University; 2111</td>
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<td>Araujo-Enciso, Sergio René; Georg-August-Universität Göttingen; M85</td>
<td>Baylis, Kathy; University of Illinois at Urbana-Champaign; 2038, T4, T15</td>
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<td>Arellano-Sada, Rodrigo; Universidad Panamericana; 2026</td>
<td>Beach, Robert H.; RTI International; 1071</td>
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<td>Armbruster, Walter J.; Farm Foundation (retired); 1033, 2038, 2107</td>
<td>Beckler, Dan; USDA-National Agricultural Statistics Service; 1064</td>
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<td>Arnade, Carlos; USDA-Economic Research Service; T17</td>
<td>Beckman, Jayson; USDA-Economic Research Service; 2046, T8</td>
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<td>Arora, Anchal; Jawaharlal Nehru University; 2112</td>
<td>Beghin, John; Iowa State University; 2022, 2052</td>
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