



JULY 24–26, 2011 **PITTSBURGH**

**2011 AAEA & NAREA**  
Joint Annual Meeting



# Final Program

[www.aaea.org/2011am](http://www.aaea.org/2011am)

## 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 with both 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



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## Important Local Phone Numbers

**Westin Convention Center, Pittsburgh**  
(412) 281-3700

**Omni William Penn Hotel**  
(412) 281-7100

**Hospital**  
UPMC Mercy: (412) 232-8111

**Pittsburgh Police Department**  
Zone 2 Police Station: (412) 255-2827

**Pittsburgh Fire Department Headquarters**  
(412) 255-2860

**Pittsburgh Poison Control Center**  
(800) 222-1222

## 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
- SS-AAEA Academic Bowl



- Graduate Student Extension Competition



- COSBAE Reception
- Extension Section Reception



- AAEA Galbraith Forum
- AAEA Travel Grants for Economists from Least Developed Countries

## Exhibitors

American Association for  
the Advancement of Science



**Booth 6**

AgEcon Search



**Booth 9**

Bureau of Economic Analysis



**Booth 5**

Council on Food, Agricultural and  
Resource Economics



**Booth 13**

Extension Risk Management  
Education Analysis



**Booth 11**

Oxford University Press



**Booth 1**

Purdue University



**Booth 4**

Texas Tech University, Division of  
Personal Financial Planning



**Booth 12**

University of Illinois  
farmdoc/FAST Tools



**Booth 10**

USDA-Economic Research Service



**Booth 3**

USDA-National Agricultural  
Statistics Service



**Booth 2**

USDA-Natural Resources  
Conservation Service



**Booth 7**

Wiley-Blackwell



**Booth 8**

## 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?”*

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.



## 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”*

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## 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”*

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.

## 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

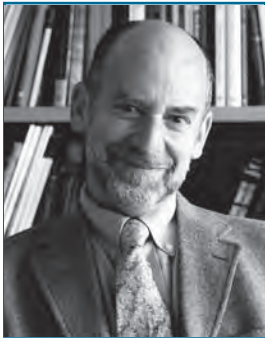
*This is a ticketed event. The cost to attend is \$60.\**

*Karen Grabow  
Senior VP for Business and Regulatory Affairs, Land O'Lakes, Inc.*

*“The Human Capital Calculus”*



# Plenary Sessions, Luncheons, & Banquets



## 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

# AAEA Section Events & Activities

## 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 Zeroes 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

## Graduate Student Section (GSS)

### Graduate Student Extension Competition

Sunday, 8:00 am–3:00 pm

*Westin, Second Floor, Armstrong Room*

### GSS Case Study Competition

Sunday, 8:00 am–3:30 pm

*Westin, Second Floor, Somerset & Fayette Rooms*

Monday, 1:30 pm–4:00 pm (Finals)

*Westin, Second Floor, Butler Room*

### GSS Business Meeting

Sunday, 10:00 am–10:30 am

*David L. Lawrence Convention Center, Room 310*

### GSS Track Sessions

1002 Navigating the Job Search Process

1031 Navigating Journal Writing—Advice for New and Experienced Writers

1059 Changing Landscape of China's Agriculture and Consumer Behavior

2001 Expectations, Perceptions, and Requirements for Academic Tenure

2031 Graduate Student Competition in Extension—Winners' Presentations

2061 Teaching Tips from Top Teachers: 2010 AAEA Award Recipients

## Institutional and Behavioral Economics Section (IBES)

### IBES Business Meeting

Monday, 12:30 pm–1:30 pm

*David L. Lawrence Convention Center, Room 305*

### IBES Track Sessions

1018 Measuring WTP for Animal Welfare in Agricultural Production: The Role of Information and Preference Instruments

1032 Changing Institutions and Behaviors for Reducing Emissions from Deforestation and Forest Degradation (REDD)

1060 An Institutional Economics Approach to Understanding Heirs' Property: Prevalence, Problems, and Recently Proposed Legal Reform

2006 Food Consumption Challenges in the 21st Century: Trust, Technology, Food Safety, and the Demand for Food

2030 The Ethics and Economics of Agri-food Competition

## International Section

### International Section Business Meeting

Sunday, 2:30 pm–4:00 pm

*David L. Lawrence Convention Center, Room 311*

### Industry & International Reception

Monday, 7:30 pm–8:00 pm

*David L. Lawrence Convention Center, South Terrace*

### International Speaker Series & Banquet

Monday, 8:00 pm–9:30 pm

*David L. Lawrence Convention Center, Rooms 320 & 321*

### International Section Track Sessions

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)?

1035 Systemic Risk, Index Insurance, and Credit Markets in Developing Countries

2002 Tapping Buoyant Global Commodity Markets: Secrets of Success for Developing Competitive Commercial Agriculture

2032 Global Agriculture Development: Changing Aid Architecture, New Players, and the Evolving Roles of the Traditional Donors

2062 Factors Impacting Livestock and Meat Trade in the NAFTA Countries

2091 One Price for Carbon? International Coordination of Climate Change Policies

## National Association of Agricultural Economics Administrators (NAAEA)

### NAAEA Business Meeting

Sunday, 10:00 am–11:00 am

*David L. Lawrence Convention Center, Room 311*

### NAAEA Track Session

1037 Keys to Successful Cross-institutional Collaboration

# 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*

## 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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# Meeting Schedule

## Saturday, July 23

8:00 am–5:00 pm

### **Pre-conference Workshop: Applied Computational Economics**

*Westin, Second Floor, Butler Room*

8:30 am–5:30 pm

### **Pre-conference Workshop: Economics and Child Nutrition Programs**

*Westin, Second Floor, Westmoreland Room*

4:00 pm–5:30 pm

### **Association Roundtable**

*Westin, Second Floor, Fayette Room*

## 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)

7:30 am–9:00 am

### **AAEA Section Leader Meeting**

*Westin, Second Floor, Butler Room West*

8:00 am–3:00 pm

### **Graduate Student Extension Competition**

*Westin, Second Floor, Armstrong Room*

8:00 am–3:00 pm

### **GSS Case Study Competition**

*Westin, Second Floor, Somerset & Fayette Rooms*

8:00 am–3:00 pm

### **AJAE Editorial Meetings**

*Westin, Second Floor, Cambria Room East*

9:00 am–10:00 am

### **AEM Section Business Meeting**

*David L. Lawrence Convention Center, Room 403*

9:00 am–12:00 pm

### **Undergraduate Paper Competition**

*Westin, Second Floor, Washington Room*

10:00 am–11:00 am

### **ARA Section Business Meeting**

*David L. Lawrence Convention Center, Room 403*

10:00 am–11:00 am

### **FAMPS Business Meeting**

*David L. Lawrence Convention Center, Room 404*

10:00 am–10:30 am

### **GSS Business Meeting**

*David L. Lawrence Convention Center, Room 310*

10:00 am–11:00 am

### **NAAEA Business Meeting**

*David L. Lawrence Convention Center, Room 311*



# Meeting Schedule

## Sunday, July 24

10:30 am–11:30 am

### **Young Professionals Task Force Meeting**

David L. Lawrence Convention Center, Room 405

11:00 am–12:00 pm

### **CWAE Business Meeting**

David L. Lawrence Convention Center, Room 403

11:00 am–12:00 pm

### **Outreach Committee Meeting**

David L. Lawrence Convention Center, Room 310

11:00 am–12:00 pm

### **SS-AAEA Academic Bowl Orientation**

David L. Lawrence Convention Center, Room 406

11:30 am–12:30 pm

### **Economics, Statistics, and Information Resources Committee Meeting**

David L. Lawrence Convention Center, Room 404

12:00 pm–1:00 pm

### **AAEA Trust Committee Meeting**

Westin, Second Floor, Butler Room West

12:00 pm–1:30 pm

### **COSBAE Business Meeting**

Westin, Second Floor, Cambria Room West

1:30 pm–3:00 pm

### **Senior Section Business Meeting**

David L. Lawrence Convention Center, Room 403

1:00 pm–4:30 pm

### **Pre-conference Workshop: Early Career Development**

Westin, Second Floor, Pennsylvania Room

1:00 pm–2:30 pm

### **TLC Section Business Meeting**

David L. Lawrence Convention Center, Room 404

1:00 pm–4:00 pm

### **SS-AAEA Academic Bowl**

David L. Lawrence Convention Center, Rooms 312, 313, & 314

1:00 pm–4:00 pm

### **Undergraduate Recruitment Fair**

David L. Lawrence Convention Center, Rooms 312–314 Foyer

2:00 pm–3:00 pm

### **Econometrics Section Business Meeting**

David L. Lawrence Convention Center, Room 405

2:30 pm–3:30 pm

### **Related Journals Editors Meeting**

David L. Lawrence Convention Center, Room 310

# Meeting Schedule

## Sunday, July 24

2:30 pm–4:00 pm

### **CENET Business Meeting**

*David L. Lawrence Convention Center, Room 404*

2:30 pm–4:00 pm

### **International Section Business Meeting**

*David L. Lawrence Convention Center, Room 311*

3:00 pm–4:30 pm

### **Extension Section Business Meeting**

*David L. Lawrence Convention Center, Room 405*

3:00 pm–4:00 pm

### **Communications/Publications Committee Meeting**

*David L. Lawrence Convention Center, Room 403*

4:30 pm–6:00 pm

### **Young Professional Networking Reception**

*Westin, Second Floor, Westmoreland Room*

5:00 pm–6:30 pm

### **COSBAE Reception**

*Westin, Second Floor, Fayette Room*

5:00 pm–6:30 pm

### **CWAE Reception**

*Westin, Second Floor, Somerset Room East*

5:00 pm–6:30 pm

### **Extension Section Reception**

*Westin, Second Floor, Cambria Room*

5:30 pm–7:00 pm

### **SS-AAEA Mixer**

*Westin, Second Floor, Butler Room*

7:00 pm–8:00 pm

### **Keynote Address**

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

8:00 pm–10:00 pm

### **Welcome Reception**

*David L. Lawrence Convention Center, Fourth Floor, North Terrace*

## 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

8:00 am–8:30 am

### **AAEA Business Meeting**

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

8:45 am–10:00 am

### **AAEA Presidential Address**

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





# Meeting Schedule

## Monday, July 25

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

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–4:00 pm

### **GSS Case Study Finals**

*Westin, Second Floor, Butler Room*

1:30 pm–3:00 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

1053 Valuing Ecosystem Services  
Room 413

1054 Health and Investment  
Room 414

### NAREA Sessions

1055 Food and Health Trends—Economic Conditions, Healthy Alternatives, Local Foods, and School Lunches  
Room 319

1056 Conservation and Consumer Behavior  
Room 320

1057 Local Food and Community Policy  
Room 321

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

1058 The Structural Approach to High Dimensional Zeroes Problems in Econometrics  
Room 303

1059 The Changing Landscape of China's Agriculture and Consumer Behavior  
Room 304

1060 An Institutional Economics Approach to Understanding Heirs' Property: Prevalence, Problems, and Recently Proposed Legal Reform  
Room 305

1061 Extension Section Crops Outlook  
Room 310

1062 The Role of Agricultural Economics in Food Safety Standard Development, Education, and Evaluation  
Room 311

1063 Can Agricultural Input Subsidies Foster an African Green Revolution? Insights from Malawi  
Room 315

1064 The Microdata Revolution  
Room 316

1065 Understanding Food Choice: Insights from Europe  
Room 317

1066 Applications of Multivariate Risk and Copulas and Food Security Issues  
Room 318

1067 Estimating the Food Demand Impact of Culture, Quality, and Convenience  
Room 329

1068 Crop Yields and Climate Change  
Room 330

1069 Health and Safety  
Room 401

1070 Water Quantity and Distribution  
Room 402

1071 Biofuel Trade and Economic Impacts  
Room 403

1072 Risk and Efficiency Issues in Agricultural Lending  
Room 404

1073 Biofuel  
Room 405

1074 Sensory Analysis in Economics: How Sensory Attributes Influence Consumer Willingness to Pay  
Room 406

1075 Standing on the Shoulders of a Giant: The Broad Reach of Professor Jean Kinsey  
Room 407

1076 Of Mice and Men and Women: Research on the Economics of Obesity, Dietary Quality, and Health  
Room 408

# Meeting Schedule

## Monday, July 25

1077 Cotton Trade Issues  
Room 409

1078 Land Use, Land Practices, and Valuation  
Room 410

1079 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

5:00 pm–6:00 pm

### China Section Business Meeting & CAER Reception

Westin, Second Floor, Cambria Room East

6:00 pm–7:00 pm

### NAREA Business Meeting

David L. Lawrence Convention Center, Room 303

6:00 pm–6:30 pm

### SS-AAEA Academic Bowl Finals

David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC

6:30 pm–7:30 pm

### AAEA Awards & Fellows Recognition Ceremony

David L. Lawrence Convention Center, Spirit of Pittsburgh Ballroom BC

7:30 pm–8:30 pm

### SS-AAEA Business Meeting

David L. Lawrence Convention Center, Room 303

7:30 pm–8:00 pm

### Industry & International Reception

David L. Lawrence Convention Center, South Terrace

8:00 pm–9:30 pm

### Industry Speaker Series & Banquet

David L. Lawrence Convention Center, Rooms 317 & 318

8:00 pm–9:30 pm

### International Speaker Series & Banquet

David L. Lawrence Convention Center, Rooms 320 & 321

9:00 pm–11:00 pm

### Reunions & Receptions

Westin, Second Floor

(see page 12)



# 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**

- 2001** Expectations, Perceptions, and Requirements for Academic Tenure  
*Room 303*
- 2002** Tapping Buoyant Global Commodity Markets: Secrets of Success for Developing Competitive Commercial Agriculture  
*Room 304*
- 2003** Strategies for Successful Student Recruitment in Applied Economics  
*Room 305*
- 2004** Rural Development Policy in Perspective: An International Comparison of OECD Countries  
*Room 310*
- 2005** A Session in Honor and Memory of Catherine Morrison Paul  
*Room 311*
- 2006** Food Consumption Challenges in the 21st Century: Trust, Technology, Food Safety, and the Demand for Food  
*Room 315*
- 2007** A Review of Financial Statements Generated Using the Agricultural Resource Management Survey  
*Room 316*
- 2008** Some of Your Data Is Imputed: What Should You Do?  
*Room 317*
- 2009** Private and Public Pollution Prevention Programs  
*Room 318*
- 2010** Pathways: Mentoring in the Agricultural and Applied Economics Profession (Part I)  
*Room 319*
- 2011** Understanding Factors Affecting Nutrition Status  
*Room 329*
- 2012** Invasives and Pests  
*Room 330*
- 2013** In Vino Veritas: Wine Consumers' Preferences and Knowledge  
*Room 401*
- 2014** Organic Food Marketing and Traceability  
*Room 402*

- 2015** High Calorie Food Policies  
*Room 403*
- 2016** Water and Air Quality Policy  
*Room 404*
- 2017** Farmland Conservation and CRP  
*Room 405*
- 2018** Experiments with Farmers: Risk, Ambiguity, and Discounting  
*Room 406*
- 2019** Policy Options and Consequences for the 2012 Farm Bill  
*Room 407*
- 2020** Income Enhancement and Risk Management in Various Farm Businesses  
*Room 408*
- 2021** Production Function Estimation  
*Room 409*
- 2022** Farm-level Food Safety and Food Taxes  
*Room 410*
- 2023** Agricultural Technology and Trade  
*Room 411*
- 2024** Weather Risk and Index Insurance  
*Room 412*
- 2025** Nonmarket Valuation: Water Resource Management  
*Room 413*
- 2026** Invited Paper Session Featuring Selected Case Studies  
*Room 414*
- 2027** Agricultural R&D, Innovation, and Productivity  
*Room 415*

### **NAREA Sessions**

- 2028** International Trade and Energy  
*Room 320*
- 2029** Analysis of Property Values: Theory and Applications  
*Room 321*

# Meeting Schedule

Tuesday, July 26

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

- 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
- 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

### AAEA Sessions

- 2060** Human Capital: Competing on Capabilities in Agriculture  
*Room 303*
- 2061** Teaching Tips from Top Teachers: 2010 AAEA Award Recipients  
*Room 304*
- 2062** Factors Impacting Livestock and Meat Trade in the NAFTA Countries  
*Room 305*
- 2063** Can Government Really Make Agriculture Less Risky?  
*Room 310*
- 2064** The History, Practice, and Latest Advances in Unit Roots and Cointegration  
*Room 311*
- 2065** Crop Insurance: Incentives, Choices, and Spillovers  
*Room 312*
- 2066** Front of Package Nutrition Labels—EU and U.S. Industry and Consumer Response  
*Room 315*
- 2067** Livestock Outlook and Industry Issue Panel Discussion  
*Room 316*
- 2068** Methodological Issues Encountered in Working with the Nielsen Homescan Panel and with the IRI Consumer Network Data  
*Room 317*
- 2069** Water Management Issues  
*Room 318*
- 2070** Understanding the Causes and Consequences of Migration  
*Room 329*
- 2071** Climate Change and Production  
*Room 330*
- 2072** Topics in Demand Modeling  
*Room 401*
- 2073** Producer and Consumer Marketing Issues with Local Foods  
*Room 402*

- 2074** Global Food Security  
*Room 403*
- 2075** Climate Change and Biofuels  
*Room 404*
- 2076** Production Economics in Developing Countries  
*Room 405*
- 2077** Rural Wealth Creation  
*Room 406*
- 2078** Annie's Project—Successful Agricultural Economics Programming  
*Room 407*
- 2079** Food Safety and Food Demand in East Asia  
*Room 408*
- 2080** Asia Agricultural Policies and Trade  
*Room 409*
- 2081** New Frontiers for Quantitative Research in Agricultural Economics  
*Room 410*
- 2082** Social Networks and Economic Development  
*Room 411*
- 2083** Financial Implications of Ownership, Funding, and Business Management Arrangements  
*Room 412*
- 2084** Experiments on Auctions  
*Room 413*
- 2085** Successful Education: Source, Delivery, and Evaluation  
*Room 414*
- 2086** The Role of Dynamics and Risk in Technology Adoption  
*Room 415*

### NAREA Sessions

- 2087** Biofuels: Production and Consumption  
*Room 319*
- 2088** Land Use Policy and Preservation  
*Room 320*
- 2089** Impact Evaluation in Practice  
*Room 321*

# Meeting Schedule

Tuesday, July 26

3:00 pm–4:30 pm

## Attended Poster Session

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

### Tours of Selected Posters

T1–T5	Spatial Models of Demand	T16–T20	Production Economics: Empirical Modeling and Estimation
T6–T10	The Benefits and Costs of Land Use and Agricultural Policies	T21–T25	Risk Preferences and Attitudes on U.S. Farms
T11–T15	U.S. Seafood Imports—Agricultural Trade Agreements		

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

2090	Crop Insurance and Farm Programs Room 303
2091	One Price for Carbon? International Coordination of Climate Change Policies Room 304
2092	Economic Consequences of Risk for Participants in Beef Cattle Markets Room 305
2093	Intellectual Property Rights, New Plant Varieties, and Innovation in Agricultural Markets Room 310
2094	Agricultural and Resource Economics: Student Perceptions and Choice of Major Room 311
2095	Adolescent Girls and Agriculture Room 315
2096	Ecosystem Service Payments Room 316
2097	Land in Economic Development Room 317
2098	Ecosystems and Environmental Kutznets Curve Room 318
2099	Models of Commodity Price Level and Volatility Room 329
2100	Farm Payments Room 330
2101	Land Use and Biofuels Room 401

2102	Impacts of Climate Changes on Agricultural Production Room 402
2103	The Role of Entrepreneurship in Regional Economic Growth Room 403
2104	Value and Impacts of New Crop Technologies Room 404
2105	Price Risk and Volatility Room 405
2106	Food Safety Issues in China and Its Impact on U.S. Markets through Trade Room 406
2107	The Federal Policy Role in Today's Food and Agricultural Markets Room 407
2108	Experimental Evidence on Market Behavior and Investments Room 408
2109	Food Security and Consumption Room 409
2110	Informational Impacts on Beef and Pork Purchases Room 410

### 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

6:30 pm–7:30 pm

### **AAEA Galbraith Forum**

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

7:30 pm–9:00 pm

### **Closing Reception**

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

## Wednesday, July 27

7:00 am–7:00 pm

### **Post-conference Tour: Agricultural and Food Industry Tour**

*Westin Lobby*

8:00 am–12:00 pm

### **Post-conference Workshop: Research and Extension Data Needs for Addressing Local Food and Farm Recreational Issues**

*Westin, Second Floor, Westmoreland Room*

# 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 Jonq-Ying Lee, University of Florida*

Weight Control Strategies and Diet Quality

*Chung-Tung Jordan Lin, U.S. Food and Drug Administration; Zhifeng Gao and Jonq-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; Zenaida Sumalde, University of the Philippines; 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*



## AAEA Posters: Monday, 3:00 pm–4:30 pm

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 Ulimwengu, 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 CO<sub>2</sub> 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 CO<sub>2</sub> 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

M26 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 Ellinger, University of Illinois at Urbana-Champaign*

M29 Estimating the Economic Viability of a New Crop Alternative for the U.S. Organic Market: Edamame—A Vegetable Soybean  
*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 Khachatryan, 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*

**M47** Consumer Willingness-to-Pay for Value-added Fruit Products: A Payment Card Approach  
*Wuyang Hu, Timothy Woods, and Sandra Bastin, University of Kentucky*

**M48** Are Canadian Farmers Overconfident?  
*Fabio Mattos and Stefanie Fryza, University of Manitoba*

**M49** Fresh Produce Imports Affect U.S. Consumption and Prices  
*Sophia Huang and Kuo S. Huang, USDA-Economic Research Service*

**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  
*Lukasz Holubowicz, Wy sza Szkoła Ekonomiczna w Białymstoku; Wojciech J. Florkowski, University of Georgia; Maciej Muczynski, Wy sza Szkoła Ekonomiczna w Białymstoku*

**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 Misnutrition: 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*



## AAEA Posters: Monday, 3:00 pm–4:30 pm

- M58** Measuring Willingness-to-Accept for GM Food by Characteristics  
*Tae-Kyun Kim, Kyungpook National University; Hyun Ji Lee, Daegu-Gyeongbuk Development Institute; Na-Kyoung Hong, Kyungpook National University*
- M59** Age Differences and Macroeconomic Effects on Food Stamp Program Participation  
*So Yeong Lim, Purdue University; Susan E. Chen, University of Alabama; Brigitte S. Waldorf, Purdue University*
- Industrial Organization & Supply Chain Management**
- M60** Informative Advertising and Learning-by-Purchasing: Complements or Substitutes?  
*Alexander Saak, International Food Policy Research Institute*
- M61** Acreage Decisions under Price and Yield Risk  
*Youngjae Lee, P. Lynn Kennedy, and Brian Hilburn, Louisiana State University*
- M62** Effect of Plant Location Decisions on Input Costs  
*Diana Burton and H. Alan Love, Texas A&M University*
- M63** The Coasean and Williamsonian Transaction Cost Theories of Organization: A Critical Analysis from a Specialization Perspective  
*Per Bylund, University of Missouri*
- International Development**
- M64** Why Is Diarrhea Still Killing the World's Children? A Demand-side Study of the Use of Oral Rehydration Therapy in Rural Burkina Faso  
*Lea Prince and Stephen Vosti, University of California, Davis; Oula Ouattara and Jean Bosco Ouedraogo, Institut de Recherches en Science de la Sante; Kenneth Brown, University of California, Davis; Cesaire Ouedraogo, Institut de Recherches en Science de la Sante; Shelby Wilson, University of California, Davis; Noel Rouamba, Institut de Recherches en Science de la Sante; Sonja Hess, University of California, Davis*
- M65** A Decomposition of China's Productivity through Calibration of the Neoclassical Growth Model  
*Jeff Luckstead and Seung M. Choi, Washington State University; Stephen Devadoss, University of Idaho; Ron Mittelhammer, Washington State University*
- M66** Pathways into and out of Poverty: A Study of Rural Household Wealth Dynamics in Kenya  
*Milu Muyanga, Thom Jayne, and William Burke, Michigan State University*
- M67** Real Exchange Rate Determinants in Transition Economies: Do Investment Risk and Diaspora Play a Role?  
*Vahe Heboyan and Lewell F. Gunter, University of Georgia*
- M68** Economic Analysis of Consumer Choices Based on Rice Attributes in the Food Markets of West Africa—Case of Benin  
*Anwar Naseem and Saneliso Mhlanga, McGill University*
- M69** The Impact of Microeconomic Structure Adjustment Macroeconomic Variables under NAFTA on U.S. Agriculture  
*Youngjae Lee, P. Lynn Kennedy, and Brian Hilburn, Louisiana State University*
- M70** Military-led Agribusiness Development Teams  
*Lynndee A. Kemmet, U.S. Military Academy at West Point*
- Natural Resource Economics**
- M71** Dynamic Optimization of Fertilizer Application with Carryover and Runoff  
*Xia Zhou, Christopher Clark, and Dayton M. Lambert, University of Tennessee*
- M72** Gender, Institutions, and Sustainability in the Context of Forest Decentralization Reforms in Latin America and East Africa  
*Yan Sun, International Food Policy Research Institute; Esther Mwangi, Center for International Forestry Research; Ruth Meinzen-Dick, International Food Policy Research Institute*
- M73** Measuring the Importance of Pollination Externalities in Agriculture  
*Antoine Champetier, University of California, Davis*
- M74** Strategic Acquisition of Agricultural Land Leases in Sub-Saharan Africa: Determinants of Country Targeting Behavior  
*Yohannes G. Hailu and Adesoji Adelaja, Michigan State University; Mulugeta S. Kahsai, West Virginia University; Henry Akaeze, Michigan State University*
- M75** Identifying the Impact of Weather Variation on Crop Yields in the Northern Great Plains  
*Yong Jiang and Won Koo, North Dakota State University*
- M76** Economic Impacts of Wind Turbine Development in U.S. Counties: Are They Real or a Bunch of "Wind"?  
*Jason P. Brown and John L. Pender, USDA-Economic Research Service; Ryan H. Wisler, Lawrence Berkeley National Lab*

## AAEA Posters: Monday, 3:00 pm–4:30 pm

**M77** Unlocking Water Markets: An Experimental Approach  
*Joseph Cook and Sergey Rabotyagov, University of Washington*

**M78** Economic Analysis and Assessment of Impacts of Conservation Practices on Agro-environmental Conditions in the Lower Bad River Basin of South Dakota  
*Larry L. Janssen, Md. Rezwanul Parvez, Ronald Stover, and Kurt Reitsma, South Dakota State University*

### Research Methods, Econometrics, & Statistics

**M79** Measuring Welfare Effects of Substitute Recreation Site Using Spatial Travel Cost Model  
*SeungGyu Kim, University of Tennessee; J. M. Bowker, USDA-Forest Service; Seong-Hoon Cho and Roland K. Roberts, University of Tennessee; Donald B.K. English, USDA-Forest Service; C. Meghan Starbuck, New Mexico State University; Dayton M. Lambert, University of Tennessee*

**M80** A New Hedonic Price Model That Incorporates Spatial Correlation and Spatial Heterogeneity  
*James Yoo and Richard Ready, Pennsylvania State University*

**M81** Market Power in the Carbonated Soft Drink Industry  
*William Allender and Timothy Richards, Arizona State University*

**M82** A Mixture of Experts Model to Explain Households' Choice Patterns for Termite Control Options in Louisiana  
*Krishna Paudel, Mahesh Pandit, and Michael Dunn, Louisiana State University*

**M83** Precision Farming Technology Adoption in Cotton Farming: Duration Analysis  
*Mahesh Pandit, Krishna Paudel, and Ashok Mishra, Louisiana State University; Eduardo Segarra, Texas Tech University*

**M84** Bayesian Estimation of Non-stationary Markov Models Combining Micro and Macro Data  
*Hugo Storm and Thomas Heckeley, University of Bonn*

**M85** The Takayama and Judge Price and Allocation Model and Its Application in Non-linear Price Transmission Analysis Approaches  
*Sergio René Araujo-Enciso, Georg-August-Universität Göttingen*

**M86** Instrument Selection through Bayesian Model Average and Directed Acyclic Graph Approaches: A Case Study in Childhood Obesity and Parental Time Allocation  
*Wen You and Shaojuan Liao, Virginia Tech; Tun-Hsiang Yu, University of Tennessee*

### Risk & Uncertainty

**M87** Do Biosecurity and Management Policies Coincide with Farm Returns?  
*Jarkko K. Niemi and Kirsi Partanen, Agrifood Research Finland (MTT)*

**M88** A Robustness Study of Regression Methods for Crop Yield Data  
*Ying Zhu and Sujit Ghosh, North Carolina State University*

**M89** ACRE: Probabilistic Approach to Evaluate Farm Payout and Public Liability  
*Gregory Halich and Cory Walters, University of Kentucky*

**M90** Selection of Best Management Practices to Control Nonpoint Sources of Pollution under Environmental and Economic Uncertainty  
*Hector German Rodriguez, Jennie Popp, and Edward Gbur, University of Arkansas; Indrajeet Chaubey, Purdue University*

**M91** Estimating the Fair Insurance Premium for Dungeness Crab Yields in the Western U.S. Coast  
*Chia-Lan Liu, Texas A&M University*

**M92** Spatio-temporal Modeling of Southern Pine Beetle Outbreaks with a Block Bootstrapping Approach  
*Xuan Chen and Barry Goodwin, North Carolina State University*

### Rural/Community Development

**M93** Amenities and Innovation Capacity  
*Erqian Zhu, University of Nevada, Reno; Man-Keun Kim, Utah State University; Thomas Harris, University of Nevada, Reno*

**M94** An Application of the Two-stage, Semi-parametric Approach with Double Bootstrap to Analyze Technical Efficiency of Critical Access Hospitals  
*I. Cristian Nedelea and James M. Fannin, Louisiana State University*

**M95** Rural Non-farm Dynamics: Another Story of Occupational Ladder?  
*Chayanee Chawanote, Cornell University*

### Teaching, Communication, & Extension

**M96** Engaging People, Engaging in Service: A Case Study of a Community Garden  
*Jon C. Phillips and Lauren Hays, California Polytechnic State University, Pomona*



## AAEA Posters: Tuesday, 3:00 pm–4:30 pm

### 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:

Identifying Priority Target Areas for Knoxville-Knox County Hillside and Ridgetop Protection: Using Value of Visual Amenity During the Real Estate Boom of 2002–2006 and the Recession of 2008

*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*

## AAEA Posters: Tuesday, 3:00 pm–4:30 pm

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  
*Rajorshi 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 Bouhlal 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*





## AAEA Posters: Tuesday, 3:00 pm–4:30 pm

- 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. Izaurralde, 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*

## AAEA Posters: Tuesday, 3:00 pm–4:30 pm

- T65** The Net Effect of Exchange Rates on Agricultural Producers  
*Myriah Johnson, David P. Anderson, and Henry Bryant, Texas A&M University*
- 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  
*Sílvia 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; Mauricio Jorge Pinto de Souza, University of São Paulo*
- Productivity Analysis & Emerging Technologies**
- 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**
- T79** Voluntary Pollution Abatement and Regulation in the Presence of a Green Market  
*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 SO<sub>2</sub> 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*



## AAEA Posters: Tuesday, 3:00 pm–4:30 pm

- T88** Flex-fuel Vehicle Adoption and Dynamics of Ethanol Price: Lessons from Brazil and Implications for the United States  
*Miguel Carriquiry, Iowa State University; Xiaodong Du, University of Wisconsin*
- T89** Economic, Transportation, and Environmental Benefits of Living Snow Fences  
*David Smith, University of Minnesota*
- T90** Combining Supply and Demand Estimates for Ecosystem Services from Cropland  
*Shan Ma, Scott M. Swinton, and Frank Lupi, Michigan State University*
- T91** Can Voluntary Programs Resolve China's Environmental Crisis?  
*William McGuire, The Ohio State University*
- T92** Feedlots, Air Quality, and Dust Control-benefit Estimation  
*Chin-Hsien Yu, Texas A&M University; Seong Park, Texas AgriLife Research; Bruce McCarl and Stephen Amosson, Texas A&M University*
- T93** Efficiency and Market Power in ITQ Fisheries  
*Rebecca Cleary and Katherine Zipp, University of Wisconsin*
- T94** An Economic Analysis of Water Quality in the Raccoon River Watershed in Iowa  
*Sampath Jayasinghe, Iowa State University; David Miller, Iowa Farm Bureau Federation*
- T95** Measuring Technical Efficiency in a Small-scale Fishery  
*Sergio Colin-Castillo, Texas A&M University*
- T100** POET—The Economics of Biomass Procurement  
*Kevin Kimle, Iowa State University; Georgetanne Artz, University of Missouri*
- T101** Cost of Reducing Conflict and Increasing Food Security: A Case Study on Sudan  
*Rajorshi Sen Gupta, Shahriar Kibriya, and Edwin Price, Texas A&M University*

### Teaching, Communication, & Extension

- T96** Illinois Guidance Counselors' Knowledge and Perceptions of Career and Technical Education Fields and Implications for Higher Education and Employers in the Agricultural Field  
*Aslihan Spaulding and Richard Steffen, Illinois State University*

### Rural/Community Development

- T97** Economic Growth in the Philippines: A Spatial Econometrics Analysis for Provinces in the Philippines, 1990–2006  
*Valerien Pede and Samarendu Mohanty, International Rice Research Institute*
- T98** Analysis of Elderly In-migrants in Tennessee  
*Xia Zhou, Christopher Clark, and Dayton M. Lambert, University of Tennessee*

### Natural Resource Economics

- T99** The Case of the Tasmanian Southern Rock Lobster Fishery  
*Domenico Dentoni, Wageningen University*

## 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 Weatherpoon, Michigan State University*



## Concurrent Sessions, Monday, 10:15 am–11:45 am

### 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 Sivalai Vararuth 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, Southwestern 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 Variyam, 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 Gasques 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

*Bingxin 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, Intenational 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 Druppel, 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 Irwin, 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*

What's Powering Wind? The Role of Prices and Policies in Determining the Amount of Wind Energy Development in the United States (1994–2008)

*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 CO<sub>2</sub> 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 Agriculture Committees**  
*David L. Lawrence Convention Center, Room 407*

### Extension Section 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.

**Moderator:** Kota Minegishi, University of Maryland

### 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 Vararuth 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.

**Moderator:** Kelly A. Grogan, University of Florida

### 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*

Organic and Conventional Neighbors: When Do Private Decisions Differ from Socially Optimal Decisions?  
*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.

**Moderator:** Helen Jensen, Iowa State University

### 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 Zhylyevskyy, and Steven Garasky, Iowa State University*

## 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 Arriola, USDA-Economic Research Service*

Climate Policy, Carbon Leakage, and Competitiveness: How Might Border Tax Adjustments Help?

*Steven McCorrison, 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  
*Vardges Hovhannisyan and Kyle Stiegert, University of Wisconsin*

Structural Model of Retail Market Power: The U.S. Milk Industry  
*Vardges 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*

Empirical Investigation of the Impact of the 2007 Recall on the Demand for Peanut Butter Brands

*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 Nobilet, 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  
**Panelist:** 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*



## Concurrent Sessions, Monday, 1:30 pm–3:00 pm

### 1033 Recent and Upcoming Innovations in Food Assistance Programs

*David L. Lawrence Convention Center, Room 310*

#### 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*

### 1034 Risk Management and U.S. Farm Policy: Experience and Prospects

*David L. Lawrence Convention Center, Room 311*

#### 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*

### 1035 Systemic Risk, Index Insurance, and Credit Markets in Developing Countries

*David L. Lawrence Convention Center, Room 315*

#### 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 Afiya 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 multi-disciplinary 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; Luanne Lohr, USDA-Economic Research Service

**Moderator:** Julie A. Hogeland, USDA-Rural Development

### Presentations:

Local Consequences of National Food Safety Exemptions  
*Luanne 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 Sanichirico, 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 Pirote, Université Panthéon-Assas Paris II; Stephane Lemarie, Institut National de la Recherche Agronomique*

The ENSO Impact on Predicting World Cocoa Prices

*David Ubilava, 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 Deselnicu 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 Devadoss, 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 presentation 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-Universität Göttingen; 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 timber land 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 Mykerezzi, 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:

Recessionary 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 Salois, 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*

Estimating Labor and Fiscal Impacts Using Louisiana Community Impact Model: Comparing Panel Model and Three Stage Least Squares (3SLS)

*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 Zeroes 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 zeroes 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 Chain, 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 willingness 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 breath 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, III, Auburn University

**Moderator:** Ronald Rainey, University of Arkansas

#### **Presentations:**

Food Safety—Retailers' Perspective

*Jamie Vosejka 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*

## Concurrent Sessions, Monday, 4:30 pm–6:00 pm

**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

**Panelists:** William McBride, USDA-Economic Research Service; Lynn Riggs, U.S. Census Bureau; Dan Beckler, USDA-National Agricultural Statistics Service; Vince Breneman, 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?

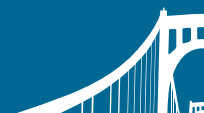
*Carola Grebitus, University of Bonn; Jayson Lusk, Oklahoma State University; Rodolfo M. Nayga Jr., University of Arkansas*

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 Liliانا 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*

A Review of FDA Imports Refusals—US Seafood Trade 2000–2010

*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

*Miroslava 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 Jeffery 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

#### CWAE, 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 Ciryam 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 oils 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

*Lynn 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

### 1082 **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*

**2007 A Review of Financial Statements Generated Using the Agricultural Resource Management Survey**

*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 Briggeman, 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

*Phillip 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 Optimization 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 Mudsails 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 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

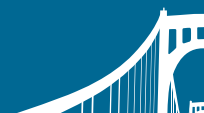
*Patrick Westhoff, University of Missouri*

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 Muger, 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 Muger, 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 Thornsby, 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

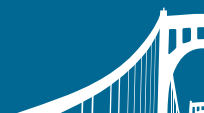
*Aziza Kibonge, University of Nebraska*

The Impact of Public and Private R&D on Farmers' Production Decisions: 1960–2004

*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. Kueth, 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 Qiuqiong 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*

### CWAE 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*

Distributional Impacts of Carbon Pricing: A General Equilibrium Approach with Micro-data for Households  
*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 Tschirley, 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*

A Prospective Analysis of Brazil and U.S. Biofuel Policies Using A Spatial Multi-market Equilibrium Model: Impact on Land Use Changes, Greenhouse Gas Emissions, and Social Welfare  
*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 Hoffmann, 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 Tokovenko and Won Koo, North Dakota State University*

The Economic Cost of CO<sub>2</sub> 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 Meneguelli 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, Cepeal USP*

Dynamic Price Relationships in Grain and Cattle Markets, Pre and Post-Ethanol Mandate

*Hernan Tejada 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 Mariah 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 Khachatryan 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 Mariah 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 Teevrat 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*

## 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 Duvaleix-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 Católica 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 Castelhana, 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 Castelhana, 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. Pangaribowo, University of Bonn*

Estimating Cost of Conflict and Increasing Food Security in Southern Sudan

*Rajorshi Sen Gupta, Shahriar 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:

Productivity Change and Agricultural Policy Reform in China: Village Level Evidence for 1995–2009

*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 to 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; Benaissa 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; Ligu 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. Wailes, 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 innovative 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

*Hernan 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 Skorbiński, 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*

North Dakota Beef Cow Producers: Identifying Current Management Practices and Factors That Influence Adoption Rates of Best Management Practices Relating to Surface Water Pollution

*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 Kalogeras, 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 homegrown values and considers the effect of competition 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; Rod-erick 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 Cellulosic 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*

Development and Conservation Planning: Advancing and Passing the Ball

*Jennifer A. Plowden and Kathleen Bell, University of Maine*

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*

**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*

The 'Credibility Revolution': Agricultural and Applied Economists, Take Note

*Marc Bellemare, Duke University*



## 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 green house 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

*Athur 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

*Sahan 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*

Study of Price Stability and Volatility in Commodity Markets:

Comparing Partial Equilibrium and Time Series Price Forecasts  
*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 Erik 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, CO<sub>2</sub> Fertilization, and Crop Production Technology on Crop Yields and Its Economic Implications on Market Outcomes and Welfare Distribution

*Witsanu Attavanich and Bruce McCarl, 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

*Fred Gale, USDA-Economic Research Service; Dinghuan Hu, Chinese Academy of Agricultural Sciences*

Chinese Consumers Demand for Food Safety Attributes: A Push for Government and Industrial Regulations

*David Ortega, Hong Wang, and Nicole J. Olynk, Purdue University; Laping Wu, China Agricultural University; Junfei Bai Sr., Institute of Geographical Sciences and Natural Resource Research*

Standard Harmonization as Chasing Zero (Tolerance Limits): The Impact of Veterinary (Cloramphenicol Analytical) Standards on Crustacean Imports in Canada, EU, Japan, and the United States

*Norbert Wilson and Nhuong Van Tran, Auburn University; Sven Anders, University of Alberta*

### 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

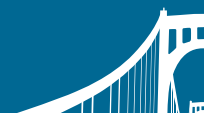
*Domenico Dentoni, Wageningen University; Glynn Tonsor, Kansas State University; Roger Calantone and Christopher Peterson, Michigan State University*

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 Egbendewe-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

This index includes all of the content presented at the meeting categorized by topic. You can find the list of topics included below:

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## Agribusiness Economics & Management

- 1020** Innovation, Technology Adoption, and Entrepreneurship in Agricultural Markets  
*Monday, 10:15 am–11:45 am*
- 2056** Commodity Price Determinants and Relationships in Agribusiness Markets  
*Tuesday, 10:30 am–12:00 pm*

Posters: T26–T31

## Agribusiness Economics & Management (AEM) Section Track Sessions

- 1001** Agri-food Sustainability and Its Relationship to Firm Strategy and Performance  
*Monday, 10:15 am–11:45 am*
- 1030** The Scientific Pluralism of Agribusiness  
*Monday, 1:30 pm–3:00 pm*
- 2001** Expectations, Perceptions, and Requirements for Academic Tenure  
*Tuesday, 8:00 am–9:30 am*
- 2030** The Ethics and Economics of Agri-food Competition  
*Tuesday, 10:30 am–12:00 pm*

- 2060** Human Capital: Competing on Capabilities in Agriculture  
*Tuesday, 1:30 pm–3:00 pm*
- 2093** Intellectual Property Rights, New Plant Varieties, and Innovation in Agricultural Markets  
*Tuesday, 4:45 pm–6:15 pm*

## Agricultural Finance & Farm Management

- 1046** What You Need to Know About the Budget and the Next Farm Bill: A Short Course  
*Monday, 1:30 pm–3:00 pm*
- 1049** Financial and Business Management Issues in the Livestock and Dairy Industries  
*Monday, 1:30 pm–3:00 pm*
- 1072** Risk and Efficiency Issues in Agricultural Lending  
*Monday, 4:30 pm–6:00 pm*
- 2007** A Review of Financial Statements Generated Using the Agricultural Resource Management Survey  
*Tuesday, 8:00 am–9:30 am*
- 2020** Income Enhancement and Risk Management in Various Farm Businesses  
*Tuesday, 8:00 am–9:30 am*



# Concurrent Session Topical Index

2083 Financial Implications of Ownership, Funding, and Business Management Arrangements  
*Tuesday, 1:30 pm–3:00 pm*

Posters: M26–M34

## Applied Risk Analysis (ARA) Track Sessions

2033 The Economics of Health Risks and Disasters  
*Tuesday, 10:30 am–12:00 pm*

2063 Can Government Really Make Agriculture Less Risky?  
*Tuesday, 1:30 pm–3:00 pm*

2092 Economic Consequences of Risk for Participants in Beef Cattle Markets  
*Tuesday, 4:45 pm–6:15 pm*

## Behavioral Economics

1056 Conservation and Consumer Behavior  
*Monday, 1:30 pm–3:00 pm*

2057 Experiments in Ag and Resource Policy: The Roles of Trust, Fairness, and Other Emotions  
*Tuesday, 10:30 am–12:00 pm*

Posters: M35–M39

## China Section Track Sessions

1006 Rural China in the New Era: Subsidy, Credit, and Land  
*Monday, 10:15 am–11:45 am*

1059 The Changing Landscape of China's Agriculture and Consumer Behavior  
*Monday, 4:30 pm–6:00 pm*

2106 Food Safety Issues in China and Its Impact on U.S. Markets through Trade  
*Tuesday, 4:45 pm–6:15 pm*

## Committee on the Opportunities & Status of Blacks in Agricultural Economics (COSBAE) Track Sessions

1036 Globalization and Agriculture in African Economies  
*Monday, 1:30 pm–3:00 pm*

1062 The Role of Agricultural Economics in Food Safety Standard Development, Education, and Evaluation  
*Monday, 4:30 pm–6:00 pm*

2003 Strategies for Successful Student Recruitment in Applied Economics  
*Tuesday, 8:00 am–9:30 am*

2090 Crop Insurance and Farm Programs  
*Tuesday, 4:45 pm–6:15 pm*

## Committee on Women in Agricultural Economics (CWAE) Track Sessions

1003 Marketing Sustainability: Demand Side, Supply Side, and Welfare Aspects  
*Monday, 10:15 am–11:45 am*

1075 Standing on the Shoulders of a Giant: The Broad Reach of Professor Jean Kinsey  
*Monday, 4:30 pm–6:00 pm*

2036 Multidisciplinarity in Agricultural Economics: Practitioner Attitudes, Publishing, and the Job Market  
*Tuesday, 10:30 am–12:00 pm*

2078 Annie's Project—Successful Agricultural Economics Programming  
*Tuesday, 1:30 pm–3:00 pm*

## Community Economics Network (CENET) Track Sessions

2004 Rural Development Policy in Perspective: An International Comparison of OECD Countries  
*Tuesday, 8:00 am–9:30 am*

2034 Economic Contributions from a More Localized Food System  
*Tuesday, 10:30 am–12:00 pm*

## Demand & Price Analysis

1013 Price Transmission and Market Integration  
*Monday, 10:15 am–11:45 am*

1038 Chinese Urban Food Consumption  
*Monday, 1:30 pm–3:00 pm*

1042 Climate, Weather, and Demand  
*Monday, 1:30 pm–3:00 pm*

1067 Estimating the Food Demand Impact of Culture, Quality, and Convenience  
*Monday, 4:30 pm–6:00 pm*

2013 In Vino Veritas: Wine Consumers' Preferences and Knowledge  
*Tuesday, 8:00 am–9:30 am*

2044 Advances in Demand Modeling  
*Tuesday, 10:30 am–12:00 pm*

2072 Topics in Demand Modeling  
*Tuesday, 1:30 pm–3:00 pm*

2099 Models of Commodity Price Level and Volatility  
*Tuesday, 4:45 pm–6:15 pm*

Posters: T32–T45; Poster Tour: Spatial Models of Demand (T1–T5)

## Econometrics Section Track Sessions

1058 The Structural Approach to High Dimensional Zeroes Problems in Econometrics  
*Monday, 4:30 pm–6:00 pm*

2005 A Session in Honor and Memory of Catherine Morrison Paul  
*Tuesday, 8:00 am–9:30 am*

2064 The History, Practice, and Latest Advances in Unit Roots and Cointegration  
*Tuesday, 1:30 pm–3:00 pm*

# Concurrent Session Topical Index

## Environmental & Nonmarket Valuation

- 1018 Measuring WTP for Animal Welfare in Agricultural Production: The Role of Information and Preference Instruments  
*Monday, 10:15 am–11:45 am*
- 1025 Advances in Nonmarket Valuation Methodology  
*Monday, 10:15 am–11:45 am*
- 1053 Valuing Ecosystem Services  
*Monday, 1:30 pm–3:00 pm*
- 1078 Land Use, Land Practices, and Valuation  
*Monday, 4:30 pm–6:00 pm*
- 1082 Benefits Transfer and Nonmarket Valuation  
*Monday, 4:30 pm–6:00 pm*
- 2025 Nonmarket Valuation: Water Resource Management  
*Tuesday, 8:00 am–9:30 am*
- Posters: T40–T42; Poster Tour: The Benefits and Costs of Land Use and Agricultural Policies (T6–T10)

## Experimental Economics

- 2018 Experiments with Farmers: Risk, Ambiguity, and Discounting  
*Tuesday, 8:00 am–9:30 am*
- 2084 Experiments on Auctions  
*Tuesday, 1:30 pm–3:00 pm*
- 2108 Experimental Evidence on Market Behavior and Investments  
*Tuesday, 4:45 pm–6:15 pm*
- Posters: T43–T45

## Extension Section Track Sessions

- 1005 Meeting Fuel Mandates with Red Hot Markets  
*Monday, 10:15 am–11:45 am*
- 1019 Washington Policy Update by Chief Economists From the House and Senate Ag Committees  
*Monday, 10:15 am–11:45 am*
- 1034 Risk Management and U.S. Farm Policy: Experience and Prospects  
*Monday, 1:30 pm–3:00 pm*
- 1061 Extension Section Crops Outlook  
*Monday, 4:30 pm–6:00 pm*
- 2019 Policy Options and Consequences for the 2012 Farm Bill  
*Tuesday, 8:00 am–9:30 am*
- 2031 Graduate Student Competition in Extension—Winners' Presentations  
*Tuesday, 10:30 am–12:00 pm*
- 2067 Livestock Outlook and Industry Issue Panel Discussion  
*Tuesday, 1:30 pm–3:00 pm*

- 2078 Annie's Project—Successful Agricultural Economics Programming  
*Tuesday, 1:30 pm–3:00 pm*
- 2090 Crop Insurance and Farm Programs  
*Tuesday, 4:45 pm–6:15 pm*

## Food & Agricultural Marketing

- 1014 Grain Marketing Issues  
*Monday, 10:15 am–11:45 am*
- 1029 Eco-marketing and Green Products  
*Monday, 10:15 am–11:45 am*
- 1043 Understanding Consumer Preference  
*Monday, 1:30 pm–3:00 pm*
- 1055 Food and Health Trends—Economic Conditions, Healthy Alternatives, Local Foods, and School Lunches  
*Monday, 1:30 pm–3:00 pm*
- 1057 Local Food and Community Policy  
*Monday, 1:30 pm–3:00 pm*
- 1065 Understanding Food Choice: Insights from Europe  
*Monday, 4:30 pm–6:00 pm*
- 1074 Sensory Analysis in Economics: How Sensory Attributes Influence Consumer Willingness-to-Pay  
*Monday, 4:30 pm–6:00 pm*
- 2014 Organic Food Marketing and Traceability  
*Tuesday, 8:00 am–9:30 am*
- 2045 Advertising and Other Marketing Challenges  
*Tuesday, 10:30 am–12:00 pm*
- 2073 Producer and Consumer Marketing Issues with Local Foods  
*Tuesday, 1:30 pm–3:00 pm*
- 2110 Informational Impacts on Beef and Pork Purchases  
*Tuesday, 4:45 pm–6:15 pm*
- Posters: M46–M53

## Food & Agricultural Marketing Policy Section (FAMPS) Track Sessions

- 1003 Marketing Sustainability: Demand Side, Supply Side, and Welfare Aspects  
*Monday, 10:15 am–11:45 am*
- 1034 Risk Management and U.S. Farm Policy: Experience and Prospects  
*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*
- 2049 Moving Toward Risk-based Food Safety Systems: United States, Canada, and WHO Experience  
*Tuesday, 10:30 am–12:00 pm*



# Concurrent Session Topical Index

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*

# Concurrent Session Topical Index

## Household & Labor Economics

- 1047 Farm Labor and Immigration in the United States  
*Monday, 1:30 pm–3:00 pm*
- 1054 Health and Investment  
*Monday, 1:30 pm–3:00 pm*
- 1079 Econometric Methods in Household and Labor Economics  
*Monday, 4:30 pm–6:00 pm*
- 2035 Labor Issues of Young Adults  
*Tuesday, 10:30 am–12:00 pm*
- 2095 Adolescent Girls and Agriculture  
*Tuesday, 4:45 pm–6:15 pm*
- 2109 Food Security and Consumption  
*Tuesday, 4:45 pm–6:15 pm*

Posters: T60–T62

## Industrial Organization & Supply Chain Management

- 1026 Retailer Behavior  
*Monday, 10:15 am–11:45 am*
- 1052 Contracting and Organization  
*Monday, 1:30 pm–3:00 pm*
- 2053 Issues in Empirical Industrial Organization  
*Tuesday, 10:30 am–12:00 pm*

Posters: M60–M63

## Institutional & Behavioral Economics Section (IBES) Track Sessions

- 1018 Measuring WTP for Animal Welfare in Agricultural Production: The Role of Information and Preference Instruments  
*Monday, 10:15 am–11:45 am*
- 1032 Changing Institutions and Behaviors for Reducing Emissions from Deforestation and Forest Degradation (REDD)  
*Monday, 1:30 pm–3:00 pm*
- 1060 An Institutional Economics Approach to Understanding Heirs' Property: Prevalence, Problems, and Recently Proposed Legal Reform  
*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*
- 2030 The Ethics and Economics of Agri-food Competition  
*Tuesday, 10:30 am–12:00 pm*

## International Development

- 1011 The Empirics of Economic Development in Agriculture  
*Monday, 10:15 am–11:45 am*
- 1040 Shocks, Vulnerability, and Risk Coping  
*Monday, 1:30 pm–3:00 pm*
- 1063 Can Agricultural Input Subsidies Foster an African Green Revolution? Insights from Malawi  
*Monday, 4:30 pm–6:00 pm*
- 1066 Applications of Multivariate Risk and Copulas and Food Security Issues  
*Monday, 4:30 pm–6:00 pm*
- 2011 Understanding Factors Affecting Nutrition Status  
*Tuesday, 8:00 am–9:30 am*

2041 Future Role of Food Aid: Can It Be an Effective Tool for Food Security?  
*Tuesday, 10:30 am–12:00 pm*

2042 Intrahousehold Resource Allocation  
*Tuesday, 10:30 am–12:00 pm*

2070 Understanding the Causes and Consequences of Migration  
*Tuesday, 1:30 pm–3:00 pm*

2097 Land in Economic Development  
*Tuesday, 4:45 pm–6:15 pm*

Posters: M64–M70; Poster Tour: Efficiency, Productivity, and Technology Adoption (M11–M15)

## International Section Track Sessions

- 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)?  
*Monday, 10:15 am–11:45 am*
- 1035 Systemic Risk, Index Insurance, and Credit Markets in Developing Countries  
*Monday, 1:30 pm–3:00 pm*
- 2002 Tapping Buoyant Global Commodity Markets: Secrets of Success for Developing Competitive Commercial Agriculture  
*Tuesday, 8:00 am–9:30 am*
- 2032 Global Agriculture Development: Changing Aid Architecture, New Players, and the Evolving Roles of the Traditional Donors  
*Tuesday, 10:30 am–12:00 pm*
- 2062 Factors Impacting Livestock and Meat Trade in the NAFTA Countries  
*Tuesday, 1:30 pm–3:00 pm*
- 2091 One Price for Carbon? International Coordination of Climate Change Policies  
*Tuesday, 4:45 pm–6:15 pm*





# Concurrent Session Topical Index

## International Trade

- 1023 Climate Change and Trade  
*Monday, 10:15 am–11:45 am*
- 1051 Agricultural Trade Flows and Trade Agreements Issues  
*Monday, 1:30 pm–3:00 pm*
- 1077 Cotton Trade Issues  
*Monday, 4:30 pm–6:00 pm*
- 2023 Agricultural Technology and Trade  
*Tuesday, 8:00 am–9:30 am*
- 2028 International Trade and Energy  
*Tuesday, 8:00 am–9:30 am*
- 2052 SPS and Other Technical Barrier to Trade  
*Tuesday, 10:30 am–12:00 pm*
- 2080 Asia Agricultural Policies and Trade  
*Tuesday, 1:30 pm–3:00 pm*
- 2089 Impact Evaluation in Practice  
*Tuesday, 1:30 pm–3:00 pm*
- Posters: T63–T73; Poster Tour: U.S. Seafood Imports—Agricultural Trade Agreements (T11–T15)

## National Association of Agricultural Economics Administrators (NAAEA) Track Session

- 1037 Keys to Successful Cross-institutional Collaboration  
*Monday, 1:30 pm–3:00 pm*

## Natural Resource Economics

- 1012 Water Management  
*Monday, 10:15 am–11:45 am*
- 1028 Global and Developing Issues  
*Monday, 10:15 am–11:45 am*
- 1041 Applied Spatial Modeling  
*Monday, 1:30 pm–3:00 pm*
- 1081 Water Resources  
*Monday, 4:30 pm–6:00 pm*
- 2012 Invasives and Pests  
*Tuesday, 8:00 am–9:30 am*
- 2026 Invited Paper Session Featuring Selected Case Studies  
*Tuesday, 8:00 am–9:30 am*
- 2029 Analysis of Property Values: Theory and Applications  
*Tuesday, 8:00 am–9:30 am*
- 2043 Alternative Energy  
*Tuesday, 10:30 am–12:00 pm*
- 2071 Climate Change and Production  
*Tuesday, 1:30 pm–3:00 pm*
- 2087 Biofuels: Production and Consumption  
*Tuesday, 1:30 pm–3:00 pm*

- 2096 Ecosystem Service Payments  
*Tuesday, 4:45 pm–6:15 pm*

Posters: M71–M78; T99–T101; Poster Tour: Aspects of Land Use (M16–M20)

## Production Economics

- 1021 Productivity  
*Monday, 10:15 am–11:45 am*
- 1050 Investigation of New Technology  
*Monday, 1:30 pm–3:00 pm*
- 1073 Biofuel  
*Monday, 4:30 pm–6:00 pm*
- 2021 Production Function Estimation  
*Tuesday, 8:00 am–9:30 am*
- 2076 Production Economics in Developing Countries  
*Tuesday, 1:30 pm–3:00 pm*
- 2102 Impacts of Climate Changes on Agricultural Production  
*Tuesday, 4:45 pm–6:15 pm*
- 2111 Agricultural Productivity Analysis and the Dairy Industry  
*Tuesday, 4:45 pm–6:15 pm*

Posters: Poster Tour: Production Economics: Empirical Modeling and Estimation (T16–T20)

## Productivity Analysis & Emerging Technologies

- 1008 Agricultural Sustainability in Developing Countries: Prospects for Agricultural Productivity Growth in China, Brazil, and Sub-Saharan Africa  
*Monday, 10:15 am–11:45 am*
- 1010 Opportunities and Constraints in Developing Renewable Energy Options  
*Monday, 10:15 am–11:45 am*
- 2027 Agricultural R&D, Innovation, and Productivity  
*Tuesday, 8:00 am–9:30 am*
- 2086 The Role of Dynamics and Risk in Technology Adoption  
*Tuesday, 1:30 pm–3:00 pm*
- 2104 Value and Impacts of New Crop Technologies  
*Tuesday, 4:45 pm–6:15 pm*

Posters: T74–T78

## Research Methods, Econometrics, & Statistics

- 1064 The Microdata Revolution  
*Monday, 4:30 pm–6:00 pm*
- 1068 Crop Yields and Climate Change  
*Monday, 4:30 pm–6:00 pm*
- 2008 Some of Your Data Is Imputed: What Should You Do?  
*Tuesday, 8:00 am–9:30 am*

# Concurrent Session Topical Index

2054 Getting the Most Out of Data: Sample Size, Imputation, and Recall Bias  
*Tuesday, 10:30 am–12:00 pm*

2068 Methodological Issues Encountered in Working with the Nielsen Homescan Panel and with the IRI Consumer Network Data  
*Tuesday, 1:30 pm–3:00 pm*

2081 New Frontiers for Quantitative Research in Agricultural Economics  
*Tuesday, 1:30 pm–3:00 pm*

Posters: M79–M86

## Resource & Environmental Policy Analysis

1016 Renewable Energy  
*Monday, 10:15 am–11:45 am*

1017 Economic Impacts of Climate and Policy  
*Monday, 10:15 am–11:45 am*

1045 Farmland Conservation Practices  
*Monday, 1:30 pm–3:00 pm*

1048 Forest Carbon Sequestration  
*Monday, 1:30 pm–3:00 pm*

1070 Water Quantity and Distribution  
*Monday, 4:30 pm–6:00 pm*

1071 Biofuel Trade and Economic Impacts  
*Monday, 4:30 pm–6:00 pm*

1080 Topics in Disasters and Waste Management  
*Monday, 4:30 pm–6:00 pm*

2009 Private and Public Pollution Prevention Programs  
*Tuesday, 8:00 am–9:30 am*

2016 Water and Air Quality Policy  
*Tuesday, 8:00 am–9:30 am*

2017 Farmland Conservation and CRP  
*Tuesday, 8:00 am–9:30 am*

2039 Climate Policy  
*Tuesday, 10:30 am–12:00 pm*

2047 Land Use Change  
*Tuesday, 10:30 am–12:00 pm*

2050 Climate Change Policy  
*Tuesday, 10:30 am–12:00 pm*

2058 Climate Change: Effects and Sequestration Opportunities  
*Tuesday, 10:30 am–12:00 pm*

2069 Water Management Issues  
*Tuesday, 1:30 pm–3:00 pm*

2075 Climate Change and Biofuels  
*Tuesday, 1:30 pm–3:00 pm*

2088 Land Use Policy and Preservation  
*Tuesday, 1:30 pm–3:00 pm*

2098 Ecosystems and Environmental Kuznets Curve  
*Tuesday, 4:45 pm–6:15 pm*

2101 Land Use and Biofuels  
*Tuesday, 4:45 pm–6:15 pm*

Posters: T79–T95; Poster Tour: Carbon Emissions and Carbon Offsets (M21–M25)

## Risk & Uncertainty

1024 Methods for Modeling Crop Yields  
*Monday, 10:15 am–11:45 am*

1066 Applications of Multivariate Risk and Copulas and Food Security Issues  
*Monday, 4:30 pm–6:00 pm*

2024 Weather Risk and Index Insurance  
*Tuesday, 8:00 am–9:30 am*

2065 Crop Insurance: Incentives, Choices, and Spillovers  
*Tuesday, 1:30 pm–3:00 pm*

2105 Price Risk and Volatility  
*Tuesday, 4:45 pm–6:15 pm*

2113 Uncertainty and Risk Management  
*Tuesday, 4:45 pm–6:15 pm*

Posters: M87–M92; Poster Tour: Risk Preferences and Attitudes on U.S. Farms (T21–T25)

## Rural/Community Development

1009 Natural Resources and Economic Growth—Beyond Extraction, Farming, and Good Weather  
*Monday, 10:15 am–11:45 am*

2055 Rural Development and Suburbanization  
*Tuesday, 10:30 am–12:00 pm*

2077 Rural Wealth Creation  
*Tuesday, 1:30 pm–3:00 pm*

2082 Social Networks and Economic Development  
*Tuesday, 1:30 pm–3:00 pm*

2103 The Role of Entrepreneurship in Regional Economic Growth  
*Tuesday, 4:45 pm–6:15 pm*

Posters: M93–M95; T97–T98

## Senior Section Track Sessions

1005 Meeting Fuel Mandates with Red Hot Markets  
*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*



# Concurrent Session Topical Index

- 2019 Policy Options and Consequences for the 2012 Farm Bill  
*Tuesday, 8:00 am–9:30 am*
- 2038 Policy Analysis and Education in an Era of Advocacy  
*Tuesday, 10:30 am–12:00 pm*
- 2060 Human Capital: Competing on Capabilities in Agriculture  
*Tuesday, 1:30 pm–3:00 pm*
- 2107 The Federal Policy Role in Today's Food and Agricultural Markets  
*Tuesday, 4:45 pm–6:15 pm*

## Teaching, Communication, & Extension

- 2010 Pathways: Mentoring in the Agricultural and Applied Economics Profession (Part I)  
*Tuesday, 8:00 am–9:30 am*
- 2040 Pathways: Mentoring in the Agricultural and Applied Economics Profession (Part II)  
*Tuesday, 10:30 am–12:00 pm*
- 2085 Successful Education: Source, Delivery, and Evaluation  
*Tuesday, 1:30 pm–3:00 pm*

Posters: M96; T96

## Teaching, Learning, & Communications Section (TLC)

### Track Sessions

- 2003 Strategies for Successful Student Recruitment in Applied Economics  
*Tuesday, 8:00 am–9:30 am*
- 2037 Managing Academic Dishonesty  
*Tuesday, 10:30 am–12:00 pm*
- 2061 Teaching Tips from Top Teachers: 2010 AAEA Award Recipients  
*Tuesday, 1:30 pm–3:00 pm*
- 2094 Agricultural and Resource Economics: Student Perceptions and Choice of Major  
*Tuesday, 4:45 pm–6:15 pm*

# Program Participants

## A

**Abbott, Joshua;** Arizona State University; **2025**  
**Abler, Dave;** Pennsylvania State University; **1052, T72**  
**Adam, Brian;** Oklahoma State University; **1025, 2012**  
**Adamowicz, Wiktor;** University of Alberta; **1032**  
**Adams, Katherine P.;** University of California, Davis; **2011**  
**Adams, Richard;** Oregon State University; **2113**  
**Adelaja, Adesoji;** Michigan State University; **2038, M74**  
**Adhikari, Arun;** Louisiana State University; **1057**  
**Adhikari, Shyam;** Texas Tech University; **1024**  
**Aillery, Marcel;** USDA-Economic Research Service; **1081, 2113**  
**Akaeze, Henry;** Michigan State University; **M74**  
**Akaichi, Faical;** University of Arkansas; **M44**  
**Aker, Jenny;** Tufts University; **1011**  
**Akridge, Jay;** Purdue University; **2060**  
**Aldanondo, Ana M.;** Public University of Navarre; **T19**  
**Alexander, Corinne;** Purdue University; **1001**  
**Alipoe, Dovi;** Alcorn State University; **1036**  
**Allender, William;** Arizona State University; **M81, T50**  
**Alston, Julian;** University of California, Davis; **1015, 1041, 1067, 2013, 2093**  
**Amanor-Boadu, Vincent;** Kansas State University; **1001**  
**Amosson, Stephen;** Texas A&M University; **1012, T92**  
**Amponsah, William;** Georgia Southern University; **1036**  
**Anders, Sven;** University of Alberta; **1007, 1069, 2106**  
**Anderson, Benjamin C.;** The Ohio State University; **2053**  
**Anderson, David P.;** Texas A&M University; **T65**  
**Anderson, Mark;** University of Maine; **1056**  
**Anderson, Neil O.;** University of Minnesota; **2084**  
**Ando, Amy;** University of Illinois at Urbana-Champaign; **2025, 2098**  
**Arahata, Katsumi;** Gifu University; **T51**  
**Araujo-Enciso, Sergio René;** Georg-August-Universität Göttingen; **M85**  
**Arellano-Sada, Rodrigo;** Universidad Panamericana; **2026**  
**Armbruster, Walter J.;** Farm Foundation (retired); **1033, 2038, 2107**  
**Arnade, Carlos;** USDA-Economic Research Service; **T17**  
**Arora, Anchal;** Jawaharlal Nehru University; **2112**  
**Arriola, Christine;** USDA-Economic Research Service; **1023, M7**  
**Arthur, Frank;** USDA-Agricultural Research Service; **1025**  
**Artz, Georgeanne;** University of Missouri; **2035, T100**  
**Asaduzzaman, Mohammad;** McGill University; **1066**  
**Attavanich, Witsanu;** Texas A&M University; **1042, 2102**  
**Austin, Kemen;** World Resources Institute; **2039**  
**Awokuse, Titus O.;** University of Delaware; **2028**

## B

**Bacchi, Mirian R. P.;** Cepea/ USP; **1008, 2056**  
**Backus, Ge;** Wageningen University; **1065**  
**Badiane, Ousmane;** International Food Policy Research Institute; **M12**  
**Badirwang, Keelethoko;** Virginia Tech; **2011**  
**Bagby, Hannah;** Clemson University; **2003**  
**Bai, Junfei;** Institute of Geographical Sciences and Natural Resource Research; **1038, 2106**  
**Baird, Sarah;** George Washington University; **2095**  
**Baker, Justin;** Duke University; **M16**  
**Bakhtavoryan, Rafael;** Texas A&M University; **1027**  
**Balagtas, Joseph V.;** Purdue University; **1034, 2048, 2088, T43**  
**Balcombe, Kelvin;** University of Reading; **1015**  
**Ball, Virgil;** USDA-Economic Research Service; **1008**  
**Ballenger, Nicole;** University of Wyoming; **2036**  
**Balmann, Alfons;** Leibniz Institute of Agricultural Development in Central and Eastern Europe; **M36**  
**Bampasidou, Maria;** University of Florida; **2035**  
**Banerjee, Simanti;** University of Stirling; **2096**  
**Bansal, Sangeeta;** Jawaharlal Nehru University; **2112**  
**Baral, Ranju;** Virginia Tech; **2051**  
**Barbier, Edward;** University of Wyoming; **2069**  
**Barnaby, Glenn;** Kansas State University; **2019**  
**Barnett, Barry;** Mississippi State University; **2048**  
**Barreca, John;** Louisiana State University; **2077**  
**Barrett, Christopher B.;** Cornell University; **1040, 2041**  
**Barros, Geraldo Sant'Ana de Camargo;** University of São Paulo; **2056**  
**Bastian, Christopher;** University of Wyoming; **2057**  
**Bastin, Sandra;** University of Kentucky; **M47**  
**Bastos, Eliana Teles;** AGE/Mapa; **1008**  
**Batte, Marvin;** The Ohio State University; **T31**  
**Bauer, Dana;** Boston University; **1028**  
**Bayar, Emine;** Texas A&M University; **2111**  
**Baylis, Kathy;** University of Illinois at Urbana-Champaign; **2038, T4, T15**  
**Beach, Robert H.;** RTI International; **1071**  
**Beckler, Dan;** USDA-National Agricultural Statistics Service; **1064**  
**Beckman, Jayson;** USDA-Economic Research Service; **2046, T8**  
**Beghin, John;** Iowa State University; **2022, 2052**  
**Beierlein, James;** Pennsylvania State University; **2026**  
**Bejarano, Hernan D.;** Pennsylvania State University; **2081, 2108, M38**  
**Belasco, Eric J.;** Texas Tech University; **1024, 2086, 2092, M33**



# Program Participants

- Bell, Kathleen;** University of Maine; **1056, 2088**  
**Bellemare, Marc;** Duke University; **2089**  
**Benjamin, Catherine;** Université de Rennes 1; **2099**  
**Benson, Ben;** University of Georgia; **1012**  
**Bento, Antonio;** Cornell University; **2075**  
**Bergstrom, John C.;** University of Georgia; **1025, 2071, M40**  
**Bergtold, Jason;** Kansas State University; **1073, 2054**  
**Bernard, John;** University of Delaware; **1057, 2059**  
**Berning, Joshua;** University of Connecticut; **1027, 1055, 2045**  
**Besedin, Elena;** Abt Associates; **1053**  
**Bessler, David;** Texas A&M University; **2022, 2081**  
**Betz, Michael;** The Ohio State University; **2097**  
**Bhagowalia, Priya;** TERI University; **2011**  
**Bhattacharya, Subhra K.;** Iowa State University; **2043**  
**Bi, Xiang;** University of Illinois at Urbana-Champaign; **T82**  
**Bianchi, Felix;** Wageningen University; **2112**  
**Bieberstein, Andrea;** Technische Universität München; **2006**  
**Birur, Dileep K.;** RTI International; **1071**  
**Blanco, German;** University of Florida; **2035**  
**Blandford, David;** Pennsylvania State University; **2080, T72**  
**Boehlje, Michael;** Purdue University; **1001, 1030**  
**Bohman, Mary;** USDA-Economic Research Service; **2040**  
**Boisvert, Richard;** Cornell University; **1029**  
**Bolarinwa, Olufemi D.;** University of Delaware; **2028**  
**Bolotova, Yuliya;** Cornell University; **T58**  
**Boltz, Fred;** Conservation International; **2039**  
**Bonanno, Alessandro;** Pennsylvania State University; **1055, 1069, 2051**  
**Borchers, Allison;** USDA-Economic Research Service; **2029, T8**  
**Bordovsky, James P.;** Texas AgriLife Research; **1041**  
**Boucher, Stephen;** University of California, Davis; **1035**  
**Bouhlal, Yasser;** Texas A&M University; **T40**  
**Bowker, J. M.;** USDA-Forest Service; **M79**  
**Boyle, Kevin;** Virginia Tech; **2015**  
**Boys, Kathryn;** Clemson University; **2003, 2094, 2103, M11, T2**  
**Bozic, Marin;** University of Wisconsin; **2105**  
**Brady, Michael;** Washington State University; **1054**  
**Braff-Guajardo, Ellen;** California Food Policy Advocates; **1055**  
**Bravo-Ureta, Boris;** University of Connecticut; **2111**  
**Brenneman, Vince;** USDA-Economic Research Service; **1064**  
**Briggeman, Brian;** Federal Reserve Bank of Kansas City; **2007, M26**  
**Brimlow, Jacob;** California State University, Chico; **2003**  
**Brooks, Kathleen;** West Texas A&M University; **2001**  
**Brosen, B. Wade;** Oklahoma State University; **M26**  
**Brown, Jason P.;** USDA-Economic Research Service; **1079, 2004, M76**  
**Brown, Kenneth;** University of California, Davis; **M64**  
**Brumfield, Robin;** Rutgers, The State University of New Jersey; **2078**  
**Bruner, David M.;** Appalachian State University; **2059**  
**Bryant, Henry;** Texas A&M University; **2081, T65**  
**Buccola, Steven;** Oregon State University; **1047, T78**  
**Buhr, Brian;** University of Minnesota; **1075**  
**Bullock, David S.;** University of Illinois at Urbana-Champaign; **2081, M52**  
**Bulut, Harun;** National Crop Insurance Services; **2065**  
**Burbach, Mark;** University of Nebraska; **2057, M39**  
**Burke, William;** Michigan State University; **M66**  
**Burnett, J. Wesley;** University of Georgia; **M40**  
**Burnquist, Heloisa Lee;** University of São Paulo; **2052, T73**  
**Burruss, Molly J.;** University of Missouri; **2060**  
**Burton, Diana;** Texas A&M University; **M62**  
**Burton, Michael;** University of Western Australia; **1065**  
**Burton, Robert;** Kansas State University; **2094, T38**  
**Busch, Jonah;** Conservation International; **2039**  
**Busdieker, Nichole L.;** University of Illinois at Urbana-Champaign; **M52**  
**Byerlee, Derek;** Independent Scholar; **2002**  
**Bylund, Per;** University of Missouri; **M63**
- ## C
- Cadot, Julien;** Institut Supérieur de Gestion; **1072**  
**Cai, Ruohong;** University of Georgia; **2071**  
**Calantone, Roger;** Michigan State University; **1020, 2110**  
**Caldeira, Monica;** Universidade Catolica Portuguesa; **2066**  
**Calvin, Linda;** USDA-Economic Research Service; **1047**  
**Cao, Ying;** Cornell University; **1059**  
**Capalbo, Susan;** Oregon State University; **2005, 2091**  
**Capogrossi, Kristen;** Virginia Tech; **M55**  
**Capps, Oral;** Texas A&M University; **1027, 2015, 2054, 2068, 2111, T40**  
**Carew, Richard;** Agriculture and Agri-Food Canada; **2013**  
**Carleo, Jenny;** Rutgers, The State University of New Jersey; **2078**  
**Carlson, Andrea;** USDA-Economic Research Service; **1007, 1075**  
**Carpentier, Alain;** Institut National de la Recherche Agronomique; **2021**  
**Carpio, Carlos;** Clemson University; **1044, 2034**  
**Carreira, Rita;** University of Arkansas; **T47**  
**Carrquiry, Miguel;** Iowa State University; **2046, T88**  
**Carter, Michael;** University of California, Davis; **1035, 2089**

## Program Participants

- Casasnovas, Valero L.;** Public University of Navarre; **T19**  
**Castelhana, Michael;** University of California, Davis; **2070**  
**Castilla, Carolina;** The Ohio State University; **2042**  
**Caswell, Julie;** University of Massachusetts Amherst; **2049, 2066, 2107**  
**Caviglia-Harris, Jill;** Salisbury University; **1028**  
**Chaddad, Fabio;** University of Missouri; **1001**  
**Chadourne, Matthew H.;** University of Tennessee; **1045, T6**  
**Chalak, Morteza;** University of Western Australia; **2012**  
**Champetier, Antoine;** University of California, Davis; **2096, M73**  
**Chan, Samuel;** Oregon State University; **2012**  
**Chang, Ching-Cheng;** Academia Sinica; **2074, T27**  
**Chang, Hung-Hao;** National Taiwan University; **1054**  
**Chaubey, Indrajeet;** Purdue University; **M90**  
**Chavas, Jean-Paul;** University of Wisconsin; **2093**  
**Chawanote, Chayanee;** Cornell University; **M95**  
**Chembezi, Duncan;** Alabama A&M University; **2090**  
**Chen, Danhong;** Pennsylvania State University; **1052**  
**Chen, Huilan;** Michigan State University; **1053**  
**Chen, Min;** Michigan State University; **M41**  
**Chen, Shu-Ling;** National Tsing Hua University; **2020**  
**Chen, Susan E.;** University of Alabama; **M59**  
**Chen, Xi;** Cornell University; **1006, T60**  
**Chen, Xiaoguang;** University of Illinois at Urbana-Champaign; **2046, 2075**  
**Chen, Xuan;** North Carolina State University; **2024, M92**  
**Chen, Yong;** Oregon State University; **1078, 2077**  
**Chern, Wen S.;** National Chung Cheng University; **2079**  
**Chibwana, Chris;** USAID Malawi; **1063**  
**Chidmi, Benaissa;** Texas Tech University; **2079**  
**Chikasada, Mitsuko;** Soka University; **T83**  
**Chiputwa, Brian;** University of Georgia; **T52**  
**Cho, Jaesung;** Cornell University; **1049**  
**Cho, Seong-Hoon;** University of Tennessee; **1045, 2025, 2055, 2101, M79, T6**  
**Choi, Hee-Jung;** North Carolina State University; **1067**  
**Choi, Seung M.;** Washington State University; **M65**  
**Chouinard, Hayley;** Washington State University; **2061**  
**Christensen, Cheryl;** USDA-Economic Research Service; **2041**  
**Chung, Chanjin;** Oklahoma State University; **2045, 2053**  
**Ciaian, Pavel;** European Commission; **1071, 1078, 2100**  
**Clark, Alexandra N.;** Massey University; **2045**  
**Clark, Christopher;** University of Tennessee; **M71, T98**  
**Clark, Steve;** ZEROS Technologies; **1010**  
**Cleary, Rebecca;** University of Wisconsin; **T93**  
**Cleaver, Kevin;** International Fund for Agricultural Development; **2032**  
**Cline, Jamey;** National Corn Growers Association; **1005**  
**Coatney, Kalyn T.;** Mississippi State University; **2053**  
**Coble, Keith;** Mississippi State University; **2048, 2063**  
**Cobourn, Kelly;** Boise State University; **1012, 2036**  
**Coelho, Alfredo;** UMR MOISA; **2026**  
**Colin-Castillo, Sergio;** Texas A&M University; **T95**  
**Collier, Benjamin;** University of Kentucky; **1035**  
**Collins, Alan;** West Virginia University; **2025**  
**Collins, Keith;** National Crop Insurance Services; **2065, 2090**  
**Colson, Gregory;** University of Georgia; **1003, 2110**  
**Conklin, Neilson;** Farm Foundation; **2107**  
**Conner, David;** University of Vermont; **2034**  
**Cook, Joseph;** University of Washington; **1081, M77**  
**Cook, Michael;** University of Missouri; **2060**  
**Cooper, Joseph;** USDA-Economic Research Service; **1068, 2100, M10, T17**  
**Corderi Novoa, David;** University of California, Davis; **M19**  
**Cordero Salas, Paula;** The Ohio State University; **2108**  
**Corrigan, Jay;** Kenyon College; **2084**  
**Costa, Rafael;** Texas A&M University; **1049, 1051, 2022**  
**Cosley, Brandon;** University of Maine; **1056**  
**Costanigro, Marco;** Colorado State University; **1043, 2059**  
**Coulibaly, Jeanne;** Purdue University; **2042**  
**Coulter, Jeffrey A.;** University of Minnesota; **2020**  
**Crago, Christine L.;** University of Illinois at Urbana-Champaign; **1016**  
**Crane, Laurence;** National Crop Insurance Services; **2090**  
**Cranfield, John;** University of Guelph; **1067, 2049**  
**Crawford, Eric;** Michigan State University; **1063**  
**Craypo, Lisa;** Samuels and Associates; **1055**  
**Cruikshank, Paul;** CH Robinson; **1062**  
**Cui, Jingbo;** Iowa State University; **2023**  
**Cunado, Juncal;** Universidad de Navarra; **1040**  
**Current, Dean;** University of Minnesota; **2101**  
**Curtis, Charles E.;** Clemson University; **T2**  
**Curtiss, Jarmila;** Leibniz Institute of Agricultural Development in Central and Eastern Europe; **T10**  
**Czap, Hans J.;** University of Michigan at Dearborn; **2057, M39**  
**Czap, Natalia V.;** University of Michigan at Dearborn; **2057, M39**
- ### D
- D'Antoni, Jeremy;** Louisiana State University; **1049**  
**D'Souza, Anna;** USDA-Economic Research Service; **1036, 2109**  
**Dahl, Cody P.;** University of Florida; **M30**



# Program Participants

- Daigneault, Adam;** Landcare; **1017**  
**Dalton, Timothy;** Kansas State University; **1004**  
**Danforth, Diana;** University of Arkansas; **T47**  
**Dang, Trang;** Texas A&M University; **1072**  
**Darby, Paul M.;** Louisiana State University; **1073**  
**Davis, Christopher;** USDA-Economic Research Service; **1036, T67**  
**Davis, Clay D.;** Purdue University; **2043**  
**Davis, David;** South Dakota State University; **1015**  
**Davis, George;** Virginia Tech; **1076, 2015, 2051, 2109**  
**Davis, Lauren;** RTI International; **1071**  
**Davis, Stephen;** Southwest Minnesota State University; **2087**  
**Deaton, Brady;** University of Guelph; **1009, 1032, 1060**  
**Deere, Carmen Diana;** University of Florida; **T62**  
**de Faria, Rosane Nunes;** Federal University of São Carlos; **T73**  
**de Gorter, Harry;** Cornell University; **1048, 2075, 2091**  
**Deininger, Klaus;** World Bank; **2097**  
**de Janvry, Alain;** University of California, Berkeley; **2095**  
**de Jong, Robert;** The Ohio State University; **2064**  
**Delavan, Will;** Lebanon Valley College; **1056**  
**Delbridge, Timothy A.;** University of Minnesota; **2020**  
**Delgado, Michael;** Binghamton University; **T79**  
**Deltas, George;** University of Illinois at Urbana-Champaign; **T82**  
**Denbaly, Mark;** USDA-Economic Research Service; **1033**  
**Denney, Audrey;** California State University, Chico; **2003**  
**Dentoni, Domenico;** Wageningen University; **2110, T28, T99**  
**De Pinto, Alessandro;** International Food Policy Research Institute; **M18**  
**Deselnicu, Oana;** Colorado State University; **1043**  
**de Sormeaux, Afiya;** University of the West Indies; **1036**  
**Detre, Joshua;** Louisiana State University; **2001, 2077**  
**Deuss, Annelies;** Carnegie Mellon University; **T85**  
**Devadoss, Stephen;** University of Idaho; **1047, M65, T69**  
**Devine, Jon;** Cotton Incorporated; **1013**  
**Dharmasena, Senarath;** Texas A&M University; **2015, 2068**  
**Diamond, Adam;** USDA-Agricultural Marketing Service; **2034**  
**Dickert-Conlin, Stacy;** Michigan State University; **M2**  
**Dicks, Michael R.;** Oklahoma State University; **1068**  
**Di Corato, Luca;** Swedish University of Agricultural Sciences; **M9**  
**Diebel, Penelope;** Oregon State University; **2003**  
**Diersen, Matthew;** South Dakota State University; **2092**  
**Di Giuseppe, Stefania;** University of Rome; **T42**  
**Diirro, Gracious M.;** The Ohio State University; **T18**  
**Dillon, Brian;** Cornell University; **T21**  
**Dillon, Carl;** University of Kentucky; **M29**  
**Dimitri, Carolyn;** New York University; **2014**  
**Dissanayake, Sahan;** University of Illinois at Urbana-Champaign; **1082, 2098**  
**Dixon, Bruce;** University of Arkansas; **M37**  
**Dixon, Peter;** Monash University; **1047**  
**Dixon, Philip;** Iowa State University; **2112**  
**Dominguez, Nora;** University of New Mexico; **2010, 2040**  
**Dong, Diansheng;** USDA-Economic Research Service; **1007**  
**Dong, Fengxia;** University of Wisconsin; **2022, 2105**  
**Dooley, Frank J.;** Purdue University; **2001**  
**Dorfman, Jeffrey;** University of Georgia; **1031, 2005, 2064**  
**Doumpos, Michael;** Technical University of Crete; **2083**  
**Downey, W. Scott;** Purdue University; **2037**  
**Dozi, Pedro V.;** University of Missouri; **2082**  
**Drabik, Dusan;** Cornell University; **1048, 1071, 2075**  
**Drescher, Larissa;** Technische Universität München; **1065, 2006**  
**Dressler, Jonathan;** Cornell University; **1049**  
**Drupple, Jennifer;** University of Georgia; **1012**  
**Dreyer, Stacia;** University of Maine; **1056**  
**Du, Xiaodong;** University of Wisconsin; **2022, 2105, T16, T44, T88**  
**Du, Xiaoxue;** University of Idaho; **T69**  
**Duke, Joshua;** University of Delaware; **1029, 1081, 2088**  
**Dumevi, Jennifer;** Alcorn State University; **1036**  
**Dun, Zhe;** University of Wisconsin; **M57, T84**  
**Dundas, Steven J.;** University of Delaware; **2088**  
**Dunn, David;** Central Vermont Public Service; **M31**  
**Dunn, Michael;** Louisiana State University; **M82**  
**Duquette, Eric N.;** USDA-Economic Research Service; **2113**  
**Durand-Morat, Alvaro;** University of Arkansas; **2080, T11**  
**Duvaleix-Treguer, Sabine;** ALISS; **2066**
- ## E
- Ebel, Robert M.;** USDA-Economic Research Service; **2113**  
**Egbendewe-Mondzozo, Aklesso;** Michigan State University; **2112, T57**  
**Eggers, Timothy;** Iowa State University; **2078**  
**Ehmke, Mariah D.;** University of Wyoming; **2057**  
**Eidman, Vernon;** University of Minnesota; **2060**  
**Elbakidze, Levan;** University of Idaho; **1018, 2102**  
**Ellinger, Paul;** University of Illinois at Urbana-Champaign; **M28**  
**Ellison, Brenna;** Oklahoma State University; **M1**  
**Elobeid, Amani;** Iowa State University; **2046**  
**Emvalomatis, Grigorios;** Wageningen University; **2005**  
**English, Alicia;** Purdue University; **1031, 1059, 2031**  
**English, Burton;** University of Tennessee; **1073, 2085**  
**English, Donald B.K.;** USDA-Forest Service; **M79**

## Program Participants

**Erickson, Kenneth;** USDA-Economic Research Service; **2111**

**Ernst, Stanley;** The Ohio State University; **T31**

**Escalante, Cesar;** University of Georgia; **1069, T52**

**Espey, Molly;** Clemson University; **2003, 2094**

**Essam, Tim;** University of Maryland; **1014**

**Estabrooks, Paul A.;** Virginia Tech; **2015**

**Etter, Stephanie;** University of Idaho; **2078**

**Evans, Samuel;** Colorado State University; **2046**

### F

**Fabiosa, Jacinto;** Iowa State University; **2046, 2099**

**Fadhuile, Adelaide;** Université Panthéon-Assas Paris II; **1042**

**Fan, Jin;** Nanjing Agricultural University; **1059**

**Fan, Xing;** Iowa State University; **2027**

**Fang, Cheng;** Food and Agriculture Organization of the United Nations; **2074**

**Fang, Di;** Arizona State University; **T50**

**Fang, Lan;** Shaanxi Normal University; **1070**

**Fang, Lu;** University of Delaware; **2028**

**Fannin, James M.;** Louisiana State University; **1009, 1057, 2077, M94**

**Farid, Muhammad;** Conservation International; **2039**

**Farrow, Katherine;** University of Maine; **2087**

**Fassarella, Luiza Meneguelli;** University of São Paulo; **2052**

**Fausti, Scott;** South Dakota State University; **2092**

**Featherstone, Allen;** Kansas State University; **1021, 2007, 2054, 2056**

**Feil, Jan-Henning;** Georg-August-Universität Göttingen; **M36**

**Feleke, Shiferaw T.;** University of Tennessee; **T55**

**Feng, Hongli;** Iowa State University; **2017, 2065**

**Feng, Siyi J.;** Texas A&M University; **2075**

**Fernandez, Beverly;** University of Connecticut; **1080**

**Fernandez-Cornejo, Jorge;** USDA-Economic Research Service; **1050, 2112**

**Fernando, Jeewani R.;** University of Alberta; **2006**

**Fernholz, Carmen;** University of Minnesota; **2020**

**Ferreira, Susana;** University of Georgia; **1040**

**Ferrer, Myra Clarisse;** University of Georgia; **1069**

**Ferrier, Peyton;** USDA-Economic Research Service; **T63**

**Fewell, Jason E.;** Kansas State University; **1073**

**Fields, Deacue;** Auburn University; **1062**

**Filonov, Vitaly;** Texas A&M University; **1066**

**Finger, Stephen;** University of South Carolina; **2009**

**Fischbeck, Paul;** Carnegie Mellon University; **2049**

**Fischer, Bart;** House Agriculture Committee; **1019**

**Fisher, Matthew;** Clemson University; **T2**

**Fisher, Monica;** International Food Policy Research Institute; **1063**

**Fisher, Max;** Senate Agriculture Committee; **1019**

**Fitzpatrick, Katie;** USDA-Economic Research Service; **M2**

**Fitzpatrick, Sharon;** The Training Connection, Inc.; **2010, 2040**

**Flaig, Dorothee;** Universität Hohenheim; **1079**

**Fleming, David A.;** Pennsylvania State University; **M38**

**Florax, Raymond;** Purdue University; **1039**

**Flores, Carlos;** University of Miami; **2035**

**Flores-Lagunes, Alfonso;** University of Florida; **2035**

**Florkowski, Wojciech J.;** University of Georgia; **2013, M51**

**Flory, Jeffrey A.;** University of Maryland; **1011**

**Fonsah, Esendugue Greg;** University of Georgia; **1069**

**Fortenbery, T. Randall;** University of Wisconsin; **2105**

**Fortmann, Lea K.;** The Ohio State University; **1081**

**Foster, Kenneth;** Purdue University; **1037**

**Franken, Jason;** University of Missouri; **2110, T22**

**Freshwater, David;** University of Kentucky; **2004**

**Frey, Elaine;** California State University, Long Beach; **1028**

**Fritschy, Sigmund;** Australian National University; **1010**

**Fryza, Stefanie;** University of Manitoba; **M48**

**Fulginiti, Lilyan;** University of Nebraska; **1008, 2005**

**Fuller, Kate B.;** University of California, Davis; **1041, 2013**

**Fuller, Stephen W.;** Texas A&M University; **1042**

**Funk, Samuel M.;** Doane Advisory Services; **1005**

### G

**Gale, Fred;** USDA-Economic Research Service; **1008, 1038, 2106**

**Galinato, Suzette P.;** Washington State University; **2086**

**Gallardo, R. Karina;** Washington State University; **1074**

**Gamper-Rabindran, Shanti;** University of Pittsburgh; **2009**

**Gao, Ping;** Southwestern University of Finance and Economics; **1006**

**Gao, Yuan;** University of Tennessee; **1073**

**Gao, Zhifeng;** University of Florida; **1043, 1074, 2066, M4, M5, M50**

**Garasky, Steven;** Iowa State University; **1022**

**Garcia, Philip;** University of Illinois at Urbana-Champaign; **1014, 2105, T22**

**Garg, Teevrat;** Cornell University; **2059**

**Garnache, Cloe;** University of California, Davis; **1041**

**Gasques, José Garcia;** AGE/Mapa; **1008**

**Gastelum, Jesus R.;** Texas AgriLife Research; **1041**

**Gbur, Edward;** University of Arkansas; **M90**

**Gebremichael, Mengesha;** Relief Society of Tigray; **2024**

**George, Seraphine;** Clemson University; **M11**

**Gervais, Jean-Philippe;** North Carolina State University; **2052**





# Program Participants

- Ghosh, Somali;** Texas A&M University; **1066**
- Ghosh, Sujit;** North Carolina State University; **1024, 2008, M88**
- Gil, Jose;** Centre de Recerca en Economia i Desenvolupament Agroalimentari; **M44**
- Gillespie, Jeffrey;** Louisiana State University; **2111**
- Gitter, Seth;** Towson University; **2011**
- Glauber, Joseph;** USDA-Office of the Chief Economist; **1034, 2019, 2048**
- Glewwe, Paul;** University of Minnesota; **2035**
- Goddard, Ellen;** University of Alberta; **2006**
- Goddard, Tom;** University of Alberta; **1032**
- Godoy, Fabiano;** Conservation International; **2039**
- Goetz, Stephan;** Pennsylvania State University; **1009**
- Gohin, Alexandre;** Institut National de la Recherche Agronomique; **2021**
- Goldstein, Markus;** World Bank; **2095**
- Golub, Alexander;** Environmental Defense Fund; **2039**
- Golub, Alla;** Purdue University; **1017**
- Gomez, Miguel;** Cornell University; **1013, M25**
- Gomez y Paloma, Sergio;** European Commission; **1078, 2100**
- Gonzalez-Vega, Claudio;** The Ohio State University; **1035**
- Good, Deborah;** Virginia Tech; **1076**
- Goodhue, Rachael;** University of California, Davis; **2113**
- Goodwin, Barry;** North Carolina State University; **1024, 2024, 2044, 2056, 2105, M6, M10, M92, T61**
- Gopinath, Munisamy;** Oregon State University; **2012, 2091, T71**
- Gorton, Matthew;** University of Newcastle; **2056**
- Gotham, Douglas;** Purdue University; **2043**
- Gottfried, Michelle;** Clemson University; **2003**
- Gottlieb, Paul D.;** Rutgers, The State University of New Jersey; **2055**
- Gould, Brian;** University of Wisconsin; **1026, 1034, 2105**
- Govindasamy, Ramu;** Rutgers, The State University of New Jersey; **1029, 2059**
- Gow, Hamish;** Massey University; **2045**
- Goychuk, Kateryna;** University of Missouri; **1013**
- Grabow, Karen;** Land O' Lakes; **2060**
- Gramig, Benjamin M.;** Purdue University; **2017**
- Gray, Allan;** Purdue University; **1001, 2060**
- Gray, Richard;** University of Saskatchewan; **2093**
- Grebitus, Carola;** University of Bonn; **1003, 1065, 2006, 2110**
- Gregory, Christian A.;** USDA-Economic Research Service; **1015, 1076**
- Grethe, Harald;** Universität Hohenheim; **1079**
- Grogan, Kelly A.;** University of Florida; **1021, T53**
- Grohn, Yrjo;** Cornell University; **1049**
- Grube, Arthur;** U.S. Environmental Protection Agency; **1050**
- Gruere, Guillaume;** International Food Policy Research Institute; **T43**
- Guan, Zhengfei;** Michigan State University; **M35**
- Guignet, Dennis;** University of Maryland; **2009**
- Gundersen, Craig;** University of Illinois at Urbana-Champaign; **1033**
- Gunderson, Michael;** University of Florida; **2001, 2037, 2061, M30**
- Gunter, Allison;** Colorado State University; **2034**
- Gunter, Lowell F.;** University of Georgia; **M67**
- Gupta, Parul;** TERI University; **2011**
- Gupta, Rajorshi Sen;** Texas A&M University; **T101**
- Gustafson, Christopher;** University of California, Davis; **2013**
- Gustafson, Cole;** North Dakota State University; **2043**
- Guthrie, Joanne;** USDA-Economic Research Service; **2051**

## H

- Hadrich, Joleen;** North Dakota State University; **2083**
- Hagerman, Amy D.;** Texas A&M University; **2071**
- Hahn, William F.;** USDA-Economic Research Service; **2062, 2079**
- Hailu, Yohannes G.;** Michigan State University; **M74**
- Haley, Mildred;** USDA-Economic Research Service; **2062**
- Halich, Gregory;** University of Kentucky; **M89**
- Hall, Charles R.;** Texas A&M University; **M45**
- Hallahan, Charlie;** USDA-Economic Research Service; **1050, 2111**
- Halstead, John;** University of New Hampshire; **1080, 2087**
- Hammond, David;** University of South Carolina; **2084**
- Han, Sungill;** Konkuk University; **2045**
- Han, Yicheol;** Seoul National University; **1009**
- Hand, Michael S.;** USDA-Forest Service; **1070**
- Hansen, James;** USDA-Economic Research Service; **1023**
- Hanson, James;** University of Maryland; **1020**
- Hanson, Steven;** Michigan State University; **1037**
- Haque, Samiul;** Purdue University; **T48**
- Harlik, Petr;** International Institute for Applied Systems Analysis; **2075**
- Harris, J. Michael;** USDA-Economic Research Service; **1072, 2111**
- Harris, Thomas;** University of Nevada, Reno; **M93**
- Harrison, R. Wes;** Louisiana State University; **1030**
- Harsh, Stephen;** Michigan State University; **2083**
- Harte, Michael;** Oregon State University; **2012**
- Hartmann, Monika;** University of Bonn; **1065, 2006**
- Harvey, David;** USDA-Economic Research Service; **T67**
- Harwood, Joy;** USDA-Farm Service Agency; **1019, 1046**
- Hashemi, Ali;** Virginia Tech; **2015**

## Program Participants

**Hayes, Dermot J.;** Iowa State University; **2020, M21**

**Hayes, John C.;** Clemson University; **1045**

**Hays, Lauren;** California Polytechnic State University, Pomona; **M98**

**He, Dehua;** Huazhong Agricultural University; **2079**

**Healey, Beverly;** University of Idaho; **2078**

**Heboyan, Vahe;** University of Georgia; **M67**

**Heckelei, Thomas;** University of Bonn; **M84**

**Heifner, Richard;** USDA-Economic Research Service (Retired); **2107**

**Heintzelman, Martin;** Clarkson University; **2029**

**Hellerstein, Daniel;** USDA-Economic Research Service; **1029**

**Helmers, C. Gustav;** Murray State University; **1042**

**Henderson, Benjamin;** Food and Agriculture Organization of the United Nations; **1017**

**Hendricks, Nathan P.;** University of California, Davis; **T87**

**Hendrickson, Mary;** University of Missouri; **2030**

**Hennessy, David;** Iowa State University; **1031, 2017, 2065, 2104, T16, T46**

**Herberich, David;** University of Chicago; **2018**

**Herd, Robert;** Rockefeller Foundation; **2032**

**Hernandez, Ricardo;** Michigan State University; **M15**

**Hernandez-Villafuerte, Karla;** Georg-August-Universität Göttingen; **T5**

**Hertel, Thomas W.;** Purdue University; **1017, 1023, 1037, 1070**

**Hertz, Thomas;** USDA-Economic Research Service; **1047**

**Hess, Sonja;** University of California, Davis; **M64**

**Hewson, Jenny;** Conservation International; **2039**

**Higgins, Nathaniel;** USDA-Economic Research Service; **1029, 2018**

**Hilbun, Brian;** Louisiana State University; **M61, M69, T13**

**Hoffman, Elizabeth;** Iowa State University; **2010, 2040**

**Hoffmann, Sandra;** USDA-Economic Research Service; **2049**

**Hogeland, Julie A.;** USDA-Rural Development; **1039**

**Holden, Stein;** Norwegian University of Life Sciences; **1063**

**Holmes, Ashley;** Virginia Tech; **2015**

**Holt, Matt;** University of Alabama; **2044**

**Holthaus, Eric;** Columbia University; **2024**

**Holubowicz, Lukasz;** Wy sza Szkoła Ekonomiczna w Białymstoku; **M51**

**Hong, Na-Kyoung;** Kyungpook National University; **M58**

**Hooker, Neal;** Saint Joseph University; **2107**

**Horan, Richard D.;** Michigan State University; **1012**

**House, Lisa;** University of Florida; **1043, 1074, 2026, 2066**

**Hovhannisyian, Vardges;** University of Wisconsin; **1026**

**Howard, Gregory E.;** The Ohio State University; **1048**

**Howard, Peter;** University of California, Davis; **1078, 2047**

**Howitt, Richard;** University of California, Davis; **1041, 2021, M19**

**Hsu, Shih-Hsun;** National Taiwan University; **2074**

**Hu, Dinghuan;** Chinese Academy of Agricultural Sciences; **2106**

**Hu, Ruifa;** Center for Chinese Agricultural Policy; **1004**

**Hu, Wenjing;** Colorado State University; **2073**

**Hu, Wuyang;** University of Kentucky; **1059, 2016, M42, M47, T31**

**Huang, Haixiao;** University of Illinois at Urbana-Champaign; **2046, 2101**

**Huang, Jikun;** Center for Chinese Agricultural Policy; **1004, 1006**

**Huang, Kuo S.;** USDA-Economic Research Service; **M49, T32**

**Huang, Qiuqiong;** University of Minnesota; **1006, 1059, 2035**

**Huang, Rui;** University of Connecticut; **1069**

**Huang, Sophia;** USDA-Economic Research Service; **M49**

**Hudson, Darren;** Texas Tech University; **1077, M33, T41**

**Hueth, Brent;** University of Wisconsin; **2060**

**Huffman, Sonya;** Iowa State University; **2109**

**Huffman, Wallace;** Iowa State University; **2027**

**Hughes, David;** Clemson University; **2034, 2103**

**Hunt, Gary;** University of Maine; **1029**

**Hurley, Terrance;** University of Minnesota; **2084**

**Hustvedt, Gwendolyn;** Texas State University at San Marcos; **1057**

**Hutchins, Karen;** University of Maine; **1056**

**Huth, William L.;** University of West Florida; **2059**

**Hyde, Jeffery;** Pennsylvania State University; **1055**

**Ibendahl, Gregory;** Mississippi State University; **M27**

**Ifft, Jennifer;** University of California, Berkeley; **2033, M43**

**Irfanoglu, Zeynep;** Purdue University; **2050**

**Irwin, Elena;** The Ohio State University; **1078, 2047**

**Irwin, Scott;** University of Illinois at Urbana-Champaign; **1014**

**Isengildina-Massa, Olga;** Clemson University; **2034, T2**

**Ishdorj, Ariun;** Texas A&M University; **2068, 2111, M45**

**Iskandar, Deden Dinar;** University of Bonn; **1028**

**Islam, Samia;** Boise State University; **2036**

**Ivanic, Maros;** World Bank; **1051**

**Izaurrealde, César R.;** University of Maryland; **T57**

**Jacob, Johanna;** Virginia Tech; **1076**

**Jacobs, Keri L.;** Iowa State University; **2017**

**Jaenicke, Edward;** Pennsylvania State University; **1055, 2014**

**Jagger, Craig;** House Agriculture Committee; **1019, 1046**

**Jagger, Pamela;** University of North Carolina; **2089**



## Program Participants

- James, Harvey;** University of Missouri; **2030**
- Janssen, Larry L.;** South Dakota State University; **M78**
- Jayaprakash, Ciriya;** The Ohio State University; **1078**
- Jayasinghe, Sampath;** Iowa State University; **T94**
- Jayne, Thom;** Michigan State University; **1063, 2097, M66**
- Jefferson-Moore, Kenrett;** North Carolina A&T State University; **2003**
- Jeffords, Christopher;** University of Connecticut; **1081**
- Jeitschko, Thomas;** Michigan State University; **1003**
- Jelínek, Ladislav;** Institute of Agricultural Economics and Information; **T10**
- Jensen, Helen;** Iowa State University; **1022, 1033, 1065, 2006, 2022**
- Ji, In Bae;** Oklahoma State University; **2053**
- Jiang, Yong;** North Dakota State University; **2096, M75**
- Jin, Hailong;** Iowa State University; **T64**
- Jin, Songqing;** Michigan State University; **2097**
- Jin, Yanhong;** Rutgers, The State University of New Jersey; **2079**
- Jithitikulchai, Theepakorn;** Texas A&M University; **T39**
- Johansson, Robert;** Congressional Budget Office; **1048**
- Johnson, Dale;** University of Maryland; **1020**
- Johnson, Jason;** Texas AgriLife Research; **2078**
- Johnson, Jeffrey;** Texas Tech University; **M33**
- Johnson, Myriah;** Texas A&M University; **T65**
- Johnson, Phillip;** Texas Tech University; **M33**
- Johnson, Rachel;** USDA-Economic Research Service; **2062, 2067**
- Johnson, Thomas;** University of Missouri; **2004, 2077**
- Johnston, Robert;** George Perkins Marsh Institute; **1053, 1082, 2088**
- Johnston, Zachary;** University of Delaware; **2059**
- Jolejole, Maria Christina;** University of Illinois at Urbana-Champaign; **1013, 2088**
- Jolliffe, Dean;** World Bank; **2109**
- Jones, Allan;** Texas Water Resources Research Institute; **1010**
- Jones, Derrick;** U.K. Food Standards Agency; **2006, 2049**
- Jones, Eugene;** The Ohio State University; **2072**
- Jones, Keithly;** USDA-Economic Research Service; **2062**
- Jones, Kelly;** University of California, Berkeley; **2095**
- Jordan, David;** North Carolina State University; **2112**
- Jordan, Jeffrey;** University of Georgia; **1054**
- Joseph, Kishore;** University of Illinois at Urbana-Champaign; **1014**
- Joshi, Sudiksha;** West Virginia University; **2029**
- Juhn, Daniel;** Conservation International; **2039**
- Jung, Sangnyeol;** Southwest Minnesota State University; **2087**
- Just, David R.;** Cornell University; **1020, 1048, 1054, 2018, 2063, 2075**
- Kaczan, David;** University of Alberta; **1032**
- Kahsai, Mulugeta S.;** West Virginia University; **M74**
- Kaiser, Harry;** Cornell University; **2014**
- Kalogeras, Nikos;** Maastricht University; **2083, T23**
- Kancs, d'Artis;** European Commission; **2100**
- Kandilov, Amy M. G.;** RTI International; **2055**
- Kandilov, Ivan;** North Carolina State University; **2023, 2055**
- Kanninen, Barbara;** **2015**
- Kanter, Chris;** University of Wisconsin; **2014**
- Karali, Berna;** University of Georgia; **2099**
- Karemera, David;** South Carolina State University; **T67**
- Karns, Shawn;** RTI International; **1027**
- Kasteridis, Panagiotis;** University of Tennessee; **2109**
- Katchova, Ani L.;** University of Kentucky; **2007, 2030, 2073, M46**
- Katjuongua, Kikuepi B.;** Michigan State University; **1036**
- Kauffman, Nathan;** Iowa State University; **2020, M21**
- Kazianga, Harounan;** Oklahoma State University; **2042**
- KC, Arun;** West Virginia University; **2025**
- Keeney, Roman;** Purdue University; **T48, T56**
- Kei, Kajisa;** International Rice Research Institute; **1011**
- Kelley, Kathleen M.;** Pennsylvania State University; **1029, 2059**
- Kemmet, Lynndee A.;** U.S. Military Academy at West Point; **1080, M70**
- Kennedy, P. Lynn;** Louisiana State University; **M61, M69, T13**
- Key, Nigel;** USDA-Economic Research Service; **1016, 1050, 2100, 2102**
- Khachatryan, Marianna;** University of Nebraska; **2057, M39**
- Khanna, Madhu;** University of Illinois at Urbana-Champaign; **1016, 2046, 2075, 2101, T82**
- Khanna, Neha;** Binghamton University; **T79**
- Khorana, Sangeeta;** Aberystwyth University; **1077**
- Kiawu, James;** USDA-Economic Research Service; **1077**
- Kibler, Michelle L.;** University of Kentucky; **1076**
- Kibonge, Aziza;** University of Nebraska; **2027**
- Kibriya, Shahriar;** Texas A&M University; **2074, T101**
- Kiesel, Kristin;** California State University, Sacramento; **1055**
- Kilkenny, Maureen;** University of Nevada, Reno; **1009**
- Kim, C. S.;** USDA-Economic Research Service; **1048, 2113**
- Kim, Hee Ho;** Kyungpook National University; **2101**
- Kim, Hyeyoung;** University of Florida; **2066**
- Kim, Man-Keun;** Utah State University; **1025, 2058, M93, T68, T81**
- Kim, SeungGyu;** University of Tennessee; **2025, 2055, 2101, M79**

## Program Participants

**Kim, Tae-Kyun;** Kyungpook National University; **M58**

**Kimle, Kevin;** Iowa State University; **2035, T100**

**King, John;** USDA-Economic Research Service; **2027**

**King, Robert P.;** University of Minnesota; **2020**

**Kinsey, Jean;** University of Minnesota; **1033**

**Kirk, Angeli;** University of California, Berkeley; **2095**

**Kirwan, Barrett;** University of Illinois at Urbana-Champaign; **1064, 2065, M32**

**Kiso, Takahiko;** University of Maryland; **2047**

**Klaiber, H. Allen;** Pennsylvania State University; **2025, 2047**

**Kling, Catherine;** Iowa State University; **2016, 2040**

**Kling, David M.;** University of California, Davis; **1053**

**Klose, Steven;** Texas A&M University; **1019**

**Klotz, Richard;** Cornell University; **2075**

**Knight, Thomas;** Texas Tech University; **1024**

**Knoche, Scott D.;** Michigan State University; **1082**

**Knutson, Ronald;** Texas A&M University; **2019, 2038, 2107**

**Koksal, Aycan;** North Carolina State University; **2072, T36**

**Komar, Steve;** Rutgers, The State University of New Jersey; **2078**

**Kong, Rong;** Northwest A&F University; **1006**

**Konou, Comlanvi;** University of Nebraska; **2076**

**Koo, Won;** North Dakota State University; **2050, 2080, 2096, M75**

**Kostandini, Genti;** University of Georgia; **1054, T52**

**Kotchoni, Rachidi;** Université Laval; **T12**

**Kott, Phillip;** RTI International; **2008**

**Kragt, Marit E.;** University of Western Australia; **2058**

**Krissoff, Barry;** USDA-Economic Research Service; **M7**

**Kueth, Todd H.;** USDA-Economic Research Service; **2029**

**Kuikman, Joost;** Maastricht University; **2083**

**Kumarappan, Subbu;** The Ohio State University; **T1**

**Kumbhakar, Subal;** State University of New York; **2005**

**Kurkalova, Lyubov;** North Carolina A&T State University; **T20**

**Kutzman, Daley;** University of California, Berkeley; **2095**

**Kuwornu, John;** University of Ghana; **1036**

**Kwasnica, Anthony M.;** Pennsylvania State University; **2096**

**Kyophilavong, Phouphet;** National University of Laos; **1017**

**Kyureghian, Gayaneh;** University of Nebraska; **205Z**

### L

**Laborde, David;** International Food Policy Research Institute; **1023, 1051**

**Lacewell, Ronald D.;** Texas A&M University; **1010**

**LaFrance, Jeffrey;** Washington State University; **1058**

**Lagerkvist, Carl;** Swedish University of Agricultural Sciences; **M9**

**Lai, John;** Purdue University; **2060**

**Lakatos, Csilla;** Purdue University; **1077**

**Lakoh, Kepifri;** University of Nebraska; **2104, T77**

**Lambert, Dayton M.;** University of Tennessee; **2055, 2085, M71, M79, T98**

**Lanclos, Kent;** USDA-Risk Management Agency; **2090**

**Landry, Joel;** Cornell University; **2075**

**Lange, Kelly;** Texas Tech University; **M33**

**Langen, Nina;** University of Bonn; **1003**

**Langpap, Christian;** Oregon State University; **2069**

**Lapping, Mark;** University of Southern Maine; **2004**

**Lapsley, James T.;** University of California, Davis; **2013**

**Larson, Douglas;** University of California, Davis; **1053**

**Larson, James;** University of Tennessee; **1073, 2085**

**Larson, Ronald;** Western Michigan University; **2014**

**Larue, Bruno;** Université Laval; **2052, T12**

**Lass, Daniel;** University of Massachusetts Amherst; **2094**

**Latek, Maciej;** George Mason University; **2081**

**Lau, Michael;** Sam Houston State University; **2094**

**Lazarus, William;** University of Minnesota; **2020**

**Leahy, Jessica E.;** University of Maine; **1056**

**Leatham, David J.;** Texas A&M University; **1072, 2020**

**Lee, Daegoon;** University of Tennessee; **2101**

**Lee, Hyun Ji;** Daegu-Gyeongbuk Development Institute; **M58**

**Lee, Jonq-Ying;** University of Florida; **M4, M5**

**Lee, Jun;** Cornell University; **1013, M25**

**Lee, Youngjae;** Louisiana State University; **M61, M69, T13**

**Lei, Lei;** Cornell University; **2088**

**Leibtag, Ephraim;** USDA-Economic Research Service; **1026, 2068, T45**

**Lele, Uma;** Independent Consultant; **2032**

**Lemarie, Stephane;** Institut National de la Recherche Agronomique; **1042**

**Lence, Sergio;** Iowa State University; **2021**

**Letort, Elodie;** Institut National de la Recherche Agronomique; **2021**

**Levedahl, J. William;** USDA-Economic Research Service; **T37**

**Levitt, Steven;** University of Chicago; **2018**

**Lewandrowski, Jan;** USDA-Office of the Chief Economist; **1048**

**Lewis, David;** University of Puget Sound; **M17**

**Lewis, Markell;** California Food Policy Advocates; **1055**

**Li, Cheng;** Oregon State University; **1047**

**Li, Jing;** South Dakota State University; **2051, 2092**

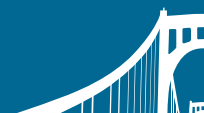
**Li, Luping;** Center for Chinese Agricultural Policy; **1004**

**Li, Man;** International Food Policy Research Institute; **M18**

**Li, Xianghong;** Kansas State University; **T38**

**Li, Xiaoqian;** University of Kentucky; **T14**

**Li, Yarui;** Texas A&M University; **2020**



# Program Participants

- Li, Zheng;** University of Connecticut; **2076**
- Liang, Chyi-Lyi (Kathleen);** University of Vermont; **2085, 2103**
- Liao, Shaojuan;** Virginia Tech; **M86**
- Lichtenberg, Erik;** University of Maryland; **1020, 1031, 2033**
- Lien, Gudbrand;** Norwegian Agricultural Economics Research Institute; **2005**
- Lim, Kar Ho;** University of Kentucky; **2110**
- Lim, So Yeong;** Purdue University; **M59**
- Lim, Youngah;** Oregon State University; **2012**
- Lin, Biing-Hwan;** USDA-Economic Research Service; **1007, 1076**
- Lin, C.-Y. Cynthia;** University of California, Davis; **2016, 2070**
- Lin, Chung-Tung Jordan;** U.S. Food and Drug Administration; **M4, M5**
- Lin, Liguu;** Shanghai University of Finance and Economics; **2079**
- Lino, Mark;** USDA-Economic Research Service; **1007**
- List, John;** University of Chicago; **2018**
- Litzenberg, Kerry;** Texas A&M University; **2037, 2061**
- Liu, Antung Anthony;** University of California, San Diego; **2009**
- Liu, Chia-Lan;** Texas A&M University; **M91**
- Liu, Jing;** Purdue University; **1070**
- Liu, Miaoru;** University of Tennessee; **2109**
- Liu, Xiangping;** North Carolina State University; **2023, 2055**
- Liu, Zheng;** University of Kentucky; **2016**
- Liu, Zhuo;** University of Delaware; **2014, 2081**
- Livingston, Mike;** USDA-Economic Research Service; **2112, 2113**
- Lobell, David B.;** Stanford University; **1023**
- Lockard, Marsha;** University of Idaho; **2078**
- Lohmar, Bryan;** USDA-Economic Research Service; **1038**
- Lohr, Luanne;** USDA-Economic Research Service; **1039, 2014, 2034**
- Londono, Catalina;** University of Illinois at Urbana-Champaign; **2025**
- Londono-Diaz, Luz;** Instituto de Investigaciones Marinas y Costeras-INVEMAR; **1082**
- Lopez, Jose A.;** Texas A&M University; **2054**
- Love, H. Alan;** Texas A&M University; **M62, T30**
- Lovgren, Adam;** Michigan State University; **1020**
- Lowdermilk, Jamey;** USDA-Forest Service; **1045**
- Lu, Liang;** University of Idaho; **2102**
- Lu, Zhao;** Cornell University; **1049**
- Lubowski, Ruben;** Environmental Defense Fund; **2039**
- Luckert, Marty;** University of Alberta; **1032**
- Luckmann, Jonas;** Universität Hohenheim; **1079**
- Luckstead, Jeff;** Washington State University; **M65**
- Lund, Jay;** University of California, Davis; **M19**
- Lunduka, Rodney;** Bunda College of Agriculture; **1063**
- Lupi, Frank;** Michigan State University; **1053, 1082, 2083, 2088, M41, T90**
- Lusk, Jayson;** Oklahoma State University; **1018, 1025, 1065, M1, M53**
- Lybbert, Travis;** University of California, Davis; **1004, 2011, 2013**
- Lyford, Conrad;** Texas Tech University; **2026**
- Lynch, Loretta;** University of Maryland; **1029**
- Lynne, Gary D.;** University of Nebraska; **2057, M39**

## M

- Ma, Shan;** Michigan State University; **1053, 2088, T90**
- Ma, Xingliang;** University of Wisconsin; **2086**
- Maart, Syster Christin;** Georg-August-Universität Göttingen; **2108**
- Mabiso, Athur;** International Food Policy Research Institute; **2097**
- MacDonald, Stephen;** USDA-Economic Research Service; **1077**
- MacEwan, Duncan;** University of California, Davis; **2021**
- Magalhaes, Eduardo;** Datalyze Consulting Corp; **1008**
- Magnan, Nicholas;** International Food Policy Research Institute; **T54**
- Maguire, Karen;** University of Colorado at Boulder; **1016**
- Mahmud, Sakib;** University of Wyoming; **2069**
- Maki, Jennifer A.;** North Carolina State University; **T49**
- Mallory, Mindy L.;** University of Illinois at Urbana-Champaign; **1013, T4**
- Manley, James;** Towson University; **2011**
- Mandal, Bidisha;** Washington State University; **1054**
- Mandal, Maitreyi;** Swedish University of Agricultural Sciences; **M9**
- Mann, John;** Oklahoma State University; **2012, 2103**
- Manowitz, David H.;** Joint Global Change Research Institute; **T57**
- Maradiaga, David;** Louisiana State University; **1068**
- Marasteanu, I. Julia;** Pennsylvania State University; **2014**
- Marette, Stephan;** Institut National de la Recherche Agronomique; **1065**
- Mark, Tyler;** Morehead State University; **1073, 2001**
- Marks, Leonie;** **2036**
- Marre, Alexander W.;** USDA-Economic Research Service; **2077**
- Marrinan, Sarah;** University of Maine; **1056**
- Marsh, Thomas;** Washington State University; **2086**
- Martens, Andrea;** University of Illinois at Urbana-Champaign; **M32, T86**
- Marti, Daniel;** USDA-Economic Research Service; **2062**
- Martin, Andrew;** USDA-Economic Research Service; **1050**
- Martin, Philip;** University of California, Davis; **1047**
- Martin, William;** World Bank; **1051**
- Mason D’Croz, Daniel;** International Food Policy Research Institute; **T54**

## Program Participants

- Mathews, Kenneth;** USDA-Economic Research Service; **1050, 2062**
- Mattos, Fabio;** University of Manitoba; **1014, M48**
- Maung, Thein;** North Dakota State University; **2043**
- McAdams, Callie P.;** Texas A&M University; **M45**
- McBride, William;** USDA-Economic Research Service; **1050, 1064**
- McCalla, Alex;** University of California, Davis; **2032**
- McCarl, Bruce;** Texas A&M University; **1012, 1042, 2050, 2071, 2075, 2102, M16, T92**
- McCluskey, Jill;** Washington State University; **1038, 1074, 2010**
- McCorriston, Steven;** University of Exeter; **1023**
- McCoy, Shannon K.;** University of Maine; **1056**
- McCullough, Michael;** California Polytechnic State University, San Luis Obispo; **2045**
- McDermott, Melanie;** Rutgers, The State University of New Jersey; **2055**
- McDonald, Scott;** Oxford Brookes University; **1079**
- McElligott, Jeremiah;** Kansas State University; **2092**
- McEvoy, David M.;** Appalachian State University; **2059**
- McGraw, Katherine;** University of Arkansas; **M37**
- McGuire, William;** The Ohio State University; **T91**
- McNamara, Paul;** University of Illinois at Urbana-Champaign; **1075**
- McPhail, Lihong;** USDA-Economic Research Service; **1008, 1077, 2046, T44**
- McPheron, Bruce A.;** Pennsylvania State University; **1037**
- Meinzen-Dick, Ruth;** International Food Policy Research Institute; **M72**
- Menapace, Luisa;** University of Trento; **2110**
- Menkhaus, Dale;** University of Wyoming; **2057**
- Merel, Pierre;** University of California, Davis; **2101**
- Messer, Kent;** University of Delaware; **1029, 1081, 2014, 2081, 2088**
- Metcalf, Gilbert E.;** Tufts University; **2039**
- Meyer, Stefan;** Georg-August-Universität Göttingen; **2044**
- Meyer, Steven;** Paragon Economics, Inc.; **2067**
- Meyerhoefer, Chad;** Lehigh University; **1054**
- Meyers, William;** University of Missouri; **1013**
- Mezzatesta, Mariano;** Texas A&M University; **1045**
- Mhlanga, Saneliso;** McGill University; **M68**
- Miao, Ruiqing;** Iowa State University; **2017, 2065, 2104**
- Miao, Zhen;** Iowa State University; **2022**
- Michael, Holly;** University of Delaware; **1081**
- Mickel, Robert;** Rutgers, The State University of New Jersey; **2078**
- Miller, David;** Iowa Farm Bureau Federation; **T94**
- Miller, Elizabeth;** University of Illinois at Urbana-Champaign; **T4**
- Mills, Bradford;** Virginia Tech; **T80**
- Minegishi, Kota;** University of Maryland; **1020**
- Miranda, Mario;** The Ohio State University; **1035**
- Miranda, Sílvia Helena Galvão de;** University of São Paulo; **2091, T72**
- Mishra, Ashok;** Louisiana State University; **1020, 1021, 1049, 2008, 2073, 2113, M83**
- Mitchell, Paul;** University of Wisconsin; **M57, T84**
- Mitchell, Peter;** Purdue University; **1039**
- Mittelhammer, Ron;** Washington State University; **M65**
- Moeltner, Klaus;** Virginia Tech; **1025**
- Mohanty, Samarendu;** International Rice Research Institute; **M14, T97**
- Mohr, Belinda Acuna;** FDA-Center for Food Safety and Applied Nutrition; **M3**
- Mojduszka, Eliza M.;** USDA-Office of the Chief Economist; **1069**
- Mooney, Sian;** Boise State University; **2036**
- Moore, Rebecca;** University of Georgia; **1053**
- Morehart, Mitch;** USDA-Economic Research Service; **2007, 2029**
- Morgan, Owen A.;** Appalachian State University; **2059**
- Morris, Douglas E.;** University of New Hampshire; **2087**
- Morris, Michael;** World Bank; **2002**
- Moschini, GianCarlo;** Iowa State University; **2001**
- Moss, Charles;** University of Florida; **2007, M30**
- Motamed, Mesbah;** USDA-Economic Research Service; **1039, 2046**
- Mu, Jianhong;** Texas A&M University; **2071**
- Muczynski, Maciej;** Wy sza Szkoła Ekonomiczna w Białymstoku; **M51**
- Mugera, Amin;** University of Western Australia; **2021**
- Muhammad, Andrew;** USDA-Economic Research Service; **1036, 1077, 2062, T67**
- Mukherjee, Deep;** University of Connecticut; **2058, 2111**
- Mullally, Conner C.;** University of California, Davis; **1011, 2024**
- Mullen, Jeffrey D.;** University of Georgia; **1012, 2071**
- Muller, Nicholas;** Middlebury University; **2039**
- Mullins Santiago, Michelle;** Sam Houston State University; **2001, 2094**
- Murray, Anthony G.;** Virginia Tech; **T80**
- Murray, Brian C.;** Duke University; **M16**
- Musumba, Mark;** Texas A&M University; **T70**
- Muth, Mary;** RTI International; **1027**
- Mutuc, Maria Erlinda;** Texas Tech University; **T41**
- Muyanga, Milu;** Michigan State University; **M66**
- MuBhoff, Oliver;** Georg-August-Universität Göttingen; **2108, M36**
- Mwangi, Esther;** Center for International Forestry Research; **M72**
- Myers, Robert;** Michigan State University; **2099**
- Mykerezi, Elton;** University of Minnesota; **1054**



# Program Participants

## N

**Nagarajan, Latha;** Rutgers, The State University of New Jersey; **1004**  
**Nagler, Amy M.;** University of Wyoming; **2057**  
**Nair, Shyam;** Texas Tech University; **2086**  
**Nakajima, Toru;** University of Tokyo; **T3**  
**Nakakeeto, Gertrude;** Virginia Tech; **2011**  
**Nalley, Lawton;** University of Arkansas; **M23, M24**  
**Nam, Sangjeong;** University of Illinois at Urbana-Champaign; **M28**  
**Napasintuwong, Orachos;** Tamil Nadu Agricultural University; **1004**  
**Narayanan Gopalakrishnan, Badri;** Purdue University; **1077**  
**Narrod, Clare;** International Food Policy Research Institute; **2033**  
**Naschold, Felix;** Cornell University; **1040**  
**Naseem, Anwar;** McGill University; **1066, M68, T74**  
**Navarro, Ashley;** University of South Carolina; **2084**  
**Nayga, Rodolfo M.;** University of Arkansas; **1018, 1022, 1065, 2054, M44**  
**Nedelea, I. Cristian;** Louisiana State University; **M94**  
**Nefstead, Ward;** University of Minnesota; **2085, M34**  
**Nehring, Richard;** USDA-Economic Research Service; **1050, 2111**  
**Nemane, Vivek;** University of Arkansas; **T47**  
**Newburn, David;** Texas A&M University; **1045, 2047**  
**Newcomb Sinha, Elisabeth;** University of Maryland; **2112**  
**Newton, Doris;** USDA-Economic Research Service; **M37**  
**Ng, Desmond;** Texas A&M University; **1030**  
**Nichele, Veronique;** Institut National de la Recherche Agronomique; **2066**  
**Nichols, John;** Texas A&M University; **1037**  
**Nickerson, Cynthia;** USDA-Economic Research Service; **2029**  
**Niederman, Zara;** University of Arkansas; **M23**  
**Niemi, Jarkko K.;** Agrifood Research Finland (MTT); **M87**  
**Nin Pratt, Alejandro;** International Food Policy Research Institute; **1008**  
**Njuki, Eric;** University of Connecticut; **2111**  
**Noblet, Caroline;** University of Maine; **1029, 1056, 2087**  
**Nogueira, Lia;** University of Illinois at Urbana-Champaign; **M52, T15**  
**Nolan, Elizabeth;** University of Sydney; **2104**  
**Norton, Michael;** Columbia University; **2024**  
**Norwood, Franklin;** Oklahoma State University; **1018**  
**Novakovic, Andrew;** Cornell University; **T58**  
**Nunez, Hector M.;** University of Illinois at Urbana-Champaign; **2046**

## O

**O'Brien, Daniel M.;** Kansas State University; **1061**  
**O'Connor, Annette M.;** Iowa State University; **T46**  
**O'Donoghue, Erik;** USDA-Economic Research Service; **2100**  
**O'Neill, Barbara;** Rutgers, The State University of New Jersey; **2078**  
**O'Neill, Karen;** Rutgers, The State University of New Jersey; **2055**  
**Ohler, Adrienne M.;** Illinois State University; **2098**  
**Okrent, Abigail;** USDA-Economic Research Service; **1026, 1067**  
**Olimov, Jafar;** The Ohio State University; **T35**  
**Ollinger, Michael E.;** USDA-Economic Research Service; **2051**  
**Olper, Alessandro;** University of Milano; **1051**  
**Olson, Frayne;** North Dakota State University; **2031**  
**Olynk, Nicole J.;** Purdue University; **2106**  
**Onal, Hayri;** University of Illinois at Urbana-Champaign; **2046, M52**  
**Onel, Gulcan;** North Carolina State University; **2044, T61**  
**Onozaka, Yuko;** University of Stavanger; **1003, 2073**  
**Orazem, Peter F.;** Iowa State University; **2035**  
**Ortega, David;** Purdue University; **2106**  
**Ortiz-Bobea, Ariel;** University of Maryland; **1068**  
**Osei, Robert;** University of Ghana; **1040**  
**Osgood, Daniel;** Columbia University; **2024**  
**Otsuki, Tsunehiro;** Osaka University; **2052**  
**Ouattara, Oula;** Institut de Recherches en Science de la Sante; **M64**  
**Ouedraogo, Cesaire;** Institut de Recherches en Science de la Sante; **M64**  
**Ouedraogo, Jean Bosco;** Institut de Recherches en Science de la Sante; **M64**  
**Outlaw, Joe;** Texas A&M University; **2019, 2090**  
**Owen, Micheal;** Iowa State University; **2112**

## P

**Pace, Kathryn;** University of Illinois at Urbana-Champaign; **T15**  
**Pagoulatos, Angelos;** University of Kentucky; **2016, M42**  
**Palma, Marco A.;** Texas A&M University; **M45**  
**Paltsev, Sergey;** Massachusetts Institute of Technology; **2039**  
**Pan, Suwen;** Texas Tech University; **1077, 2055, 2074, T41**  
**Pandit, Mahesh;** Louisiana State University; **1020, 2111, M82, M83**  
**Pang, Arwin;** University of Nevada, Reno; **T68**  
**Pangaribowo, Evita H.;** University of Bonn; **2074, T33**  
**Pannell, David;** University of Western Australia; **2012, 2058**  
**Parcell, Joseph;** University of Missouri; **2044, 2110**  
**Park, Albert;** Oxford University; **2035**

## Program Participants

**Park, Seong;** Texas AgriLife Research; **1012, T92**  
**Park, Timothy;** USDA-Economic Research Service; **2014, 2073**  
**Parks, Joanna C.;** University of California, Davis; **1015**  
**Parmeter, Christopher;** University of Miami; **2015**  
**Parsons, Robert;** University of Vermont; **M31**  
**Partanen, Kirsi;** Agrifood Research Finland (MTT); **M87**  
**Partridge, Mark;** The Ohio State University; **1009**  
**Parvez, Md. Rezwanul;** South Dakota State University; **M78**  
**Patterson, Dave;** University of Missouri; **2044**  
**Patterson-Andrews, Hazel;** University of the West Indies; **1036**  
**Paudel, Krishna;** Louisiana State University; **1020, 2111, M82, M83**  
**Paulson, Nicholas;** University of Illinois at Urbana-Champaign; **2048, 2065, M28**  
**Peake, Whitney;** Murray State University; **2001**  
**Pede, Valerien;** International Rice Research Institute; **M14, T97**  
**Pelton, Marie;** University of Kentucky; **M42**  
**Pemberton, Carlisle;** University of the West Indies; **1036**  
**Pender, John L.;** USDA-Economic Research Service; **2077, 2082, M76**  
**Penn, Jerrod;** University of Kentucky; **T26**  
**Pennings, Joost;** Universiteit Maastricht; **2083, T22, T23**  
**Perakis, Sonja;** Michigan State University; **2070**  
**Perry, Gregory;** Oregon State University; **1002**  
**Peters, May;** USDA-Economic Research Service; **2041**  
**Peterson, Christopher;** Michigan State University; **1001, 1020, 1030, 2110, T28**  
**Peterson, Hikaru;** Kansas State University; **T38**  
**Peterson, Nicole;** University of North Carolina at Charlotte; **2024**  
**Pham, Matthew V.;** The Ohio State University; **T9**  
**Phillips, Jon C.;** California Polytechnic State University, Pomona; **M98**  
**Pick, Daniel;** USDA-Economic Research Service; **1047**  
**Piggott, Nicholas;** North Carolina State University; **M10**  
**Pingali, Prabhu;** Bill & Melinda Gates Foundation; **2032**  
**Pirotte, Alain;** Université Panthéon-Assas Paris II; **1042**  
**Plain, Ronald;** University of Missouri; **1061**  
**Plant, Emily J.;** University of Montana; **T29**  
**Plastina, Alejandro;** International Cotton Advisory Committee; **1013**  
**Plowden, Jennifer A.;** University of Maine; **2088**  
**Poe, Gregory;** Cornell University; **2108**  
**Pokrivcak, Jan;** Slovak Agricultural University; **2100**  
**Polyakov, Maksym;** University of Western Australia; **2012**  
**Ponnaluru, Srinivasa Sasdhar;** Washington State University; **2086**

**Popp, Jennie;** University of Arkansas; **M37, M90**  
**Popp, Michael;** University of Arkansas; **M23, M24**  
**Poudel, Biswo;** University of California, Berkeley; **2111**  
**Pouliot, Sebastien;** Iowa State University; **2022**  
**Powell, Lisa M.;** University of Illinois at Chicago; **M56**  
**Pray, Carl E.;** Rutgers, The State University of New Jersey; **1004, 2002, 2027**  
**Preckel, Paul;** Purdue University; **2042, 2043**  
**Prestemon, Jeffrey;** USDA-Forest Service; **2044**  
**Price, Edwin;** Texas A&M University; **2074, T101**  
**Price, Kevin A.;** University of Maine; **1056**  
**Prince, Lea;** University of California, Davis; **M64**  
**Privette, Charles V.;** Clemson University; **1045**  
**Provencher, Robert;** University of Wisconsin; **M17**  
**Puduri, Venkata S.;** Rutgers, The State University of New Jersey; **1029, 2059**  
**Pujula, Aude Liliana;** Louisiana State University; **1068**  
**Pushkarskaya, Helen;** University of Kentucky; **1020**

### Q

**Qasmi, Bashir;** South Dakota State University; **2092**  
**Qin, Yu;** Cornell University; **1059**  
**Qiu, Cheng;** University of Georgia; **1071**  
**Qiu, Feng;** North Carolina State University; **M6, T24**

### R

**Rabinowitz, Adam N.;** University of Connecticut; **M54**  
**Rabotyagov, Sergey;** University of Washington; **M77**  
**Rada, Nicholas;** USDA-Economic Research Service; **T78**  
**Ragasa, Catherine;** International Food Policy Research Institute; **T75**  
**Rahkovsky, Ilya;** USDA-Economic Research Service; **1076**  
**Raimondi, Valentina;** Università Degli Studi di Milano; **1051**  
**Rainey, Ronald;** University of Arkansas; **1062**  
**Rajcaniova, Miroslava;** Slovak Agricultural University; **1071**  
**Ralston, Katherine;** USDA-Economic Research Service; **1033, 2051, M56**  
**Ramachandran, Mahesh;** Clark University; **1053, 1082, 2058**  
**Ramirez, Octavio;** University of Georgia; **1037, 1044, 1069, 2099**  
**Ramirez Harrington, Donna;** University of Vermont; **2009**  
**Rampersaud, Gail;** University of Florida; **2066**  
**Rana, Kulmani;** Western Michigan University; **2014**  
**Ranjan, Ram;** Commonwealth Scientific and Industrial Research Organisation; **2039**  
**Rankin, Amber;** Purdue University; **1001**  
**Rashford, Benjamin;** University of Wyoming; **2069**  
**Raszap Skorbiansky, Sharon;** Purdue University; **2082**





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- Rau, Marie-Luise;** Wageningen University; **2052, T73**
- Rausch, Sebastian;** Massachusetts Institute of Technology; **2039**
- Ready, Richard;** Pennsylvania State University; **M80**
- Reardon, Thomas;** Michigan State University; **M15, T28**
- Reed, Albert;** USDA-Economic Research Service; **T34**
- Reeder, Richard;** USDA-Economic Research Service; **2077**
- Reeling, Carson Jon;** Purdue University; **2017**
- Rees, Lisa;** University of Missouri; **2044**
- Reeves, Jeanne;** Cotton Incorporated; **2086**
- Reilly, John M.;** Massachusetts Institute of Technology; **2039**
- Reitsma, Kurt;** South Dakota State University; **M78**
- Rejesus, Roderick;** North Carolina State University; **2085**
- Remble, Amber;** Purdue University; **T56**
- Renkow, Mitch;** North Carolina State University; **2055**
- Ribera, Luis;** Texas A&M University; **1062**
- Richards, Timothy;** Arizona State University; **M81, T50**
- Richardson, James;** Texas A&M University; **2019**
- Richardson, Jesse;** Virginia Tech; **1060**
- Rickard, Bradley;** Cornell University; **1029, 1034, 2013, 2059, 2088, 2093**
- Ricker-Gilbert, Jacob;** Michigan State University; **1063**
- Rigby, Dan;** University of Manchester; **1065**
- Riggs, Lynn;** U.S. Census Bureau; **1064**
- Rimal, Arbindra;** Missouri State University; **2073**
- Rimmer, Maureen;** Monash University; **1047**
- Rister, M. Edward;** Texas A&M University; **1010**
- Ritchie, Jennifer;** California Polytechnic State University, San Luis Obispo; **2013**
- Robbins, Michael;** National Institute for Statistical Sciences; **2008**
- Roberts, Michael;** North Carolina State University; **1044**
- Roberts, Roland K.;** University of Tennessee; **1045, 2025, 2055, 2085, 2101, M79, T6**
- Robertson, Michael;** Commonwealth Scientific and Industrial Research Organisation; **2058**
- Robertson, Ricky;** International Food Policy Research Institute; **M18**
- Rodriguez, Hector German;** University of Arkansas; **M90**
- Roe, Brian E.;** The Ohio State University; **1052, 2018, T25**
- Roe, Terry;** University of Minnesota; **2091**
- Roeger, Edward;** USDA-Economic Research Service; **T45**
- Rogers, Glenn;** University of Vermont; **M31**
- Roland-Holst, David;** University of California, Berkeley; **2033, M43**
- Roosen, Jutta;** Technische Universität München; **1065, 2006**
- Rosas, Francisco;** Iowa State University; **2021**
- Ross, Martin T.;** RTI International; **1071**
- Ross, R. Brent;** Michigan State University; **1001, 1020**
- Rosson, C. Parr;** Texas A&M University; **1049, 1051, 2022**
- Rouamba, Noel;** Institut de Recherches en Science de la Sante; **M64**
- Roumasset, James;** University of Hawaii; **1070**
- Rousu, Matthew;** Susquehanna University; **2084**
- Rozelle, Scott;** Stanford University; **1006**
- Rudel, Thomas;** Rutgers, The State University of New Jersey; **2055**
- Rudi, Jeta;** Virginia Tech; **2011**
- Rudstrom, Margaretha;** University of Minnesota; **2031**
- Russell, Noel;** University of Manchester; **2096**
- ### S
- Saak, Alexander;** International Food Policy Research Institute; **2045, M60**
- Sackett, Hillary;** Michigan State University; **1078**
- Sadoulet, Elisabeth;** University of California, Berkeley; **2095**
- Saghaian, Sayed;** University of Kentucky; **T14, T26**
- Sahn, David;** Cornell University; **T60**
- Salas, Vania B.;** Pennsylvania State University; **2070**
- Salassi, Michael;** Louisiana State University; **1073**
- Salau, Sheu;** International Food Policy Research Institute; **M13**
- Salin, Victoria;** Texas A&M University; **1027, 1075**
- Salois, Matthew;** University of Reading; **1015, 1057**
- Sam, Abdoul;** The Ohio State University; **T18**
- Sanchez, Leonardo;** Texas A&M University; **2024**
- Sanchirico, James;** University of California, Davis; **1041**
- Sand, Shannon;** Oklahoma State University; **2001**
- Sanders, Daniel J.;** Purdue University; **T43**
- Sanders, John;** Purdue University; **2042**
- Sands, Ronald;** USDA-Economic Research Service; **1048, 2046**
- Sanogo, Issa;** World Food Program; **2074**
- Santos, Paulo;** University of Sydney; **2104**
- Sardana, Kavita;** Iowa State University; **1025, 2043**
- Satimanon, Monthien;** Michigan State University; **1079**
- Satimanon, Thasanee;** Michigan State University; **1001, 1003**
- Sauer, Johannes;** University of Manchester; **2056, 2096**
- Sayre, Susan Stratton;** Smith College; **2113**
- Schaeffer, Lucas;** Pennsylvania State University; **1009**
- Schaible, Glenn D.;** USDA-Economic Research Service; **1081**
- Schaub, James;** USDA-Office of the Chief Economist; **1069**
- Schieffer, Jack;** University of Kentucky; **2016**
- Schlüter, Simon;** University of Bonn; **2052**
- Schmidt, Caitlin;** University of Alberta; **1032**
- Schmit, Todd;** Cornell University; **1029**

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**Schnitkey, Gary;** University of Illinois at Urbana-Champaign; **2048**

**Schoengold, Karina;** University of Nebraska; **M20**

**Schroeder, Ted;** Kansas State University; **1018, 2072, 2092**

**Schroeter, Christiane;** California Polytechnic State University, San Luis Obispo; **1007, 1074, 2013**

**Schukken, Ynte;** Cornell University; **1049**

**Schulman, Candi;** University of Minnesota; **2101**

**Schultz, Eric;** University of Connecticut; **1053**

**Schulz, Lee;** Kansas State University; **2072**

**Schuring, Jessica;** Iowa State University; **2027**

**Schwab, Benjamin;** University of Wisconsin; **2051**

**Schweikhardt, David;** Michigan State University; **1036**

**Scoppola, Margherita;** University of Macerata; **1051**

**Seale, James;** University of Florida; **1038**

**Segarra, Eduardo;** Texas Tech University; **1020, 1037, 2086, M83**

**Segerson, Kathleen;** University of Connecticut; **1053**

**Selvaraj, K.M.;** Tamil Nadu Agricultural University; **1004**

**Sen Gupta, Rajorshi;** Texas A&M University; **2074, T30, T70**

**Serra, Renata;** University of Florida; **2076**

**Serrano, Elena;** Virginia Tech; **2015**

**Serrao, Amilcar;** Evora University; **T7**

**Sesmero, Juan P.;** Purdue University; **2050, 2104**

**Shah, Farhed;** University of Connecticut; **1080, 1081**

**Shaik, Saleem;** North Dakota State University; **2008**

**Shapouri, Shahla;** USDA-Economic Research Service; **2041**

**Sharp, Misti;** University of Arkansas; **T11**

**Shaw, David;** Mississippi State University; **2112**

**Shee, Apurba;** Pennsylvania State University; **2076**

**Sheldon, Ian;** The Ohio State University; **1023, 2053, 2091**

**Sheng, Zhuping;** Texas AgriLife Research; **1041**

**Shi, Guanming;** University of Wisconsin; **2027, 2086, 2093**

**Shi, Lijia;** University of Florida; **1043**

**Shideler, David;** Oklahoma State University; **2061, 2103**

**Shimokawa, Satoru;** Hong Kong University of Science and Technology; **1027**

**Shiratori, Sakiko;** University of Minnesota; **1022**

**Shively, Gerald;** Purdue University; **1040, 1063**

**Shockley, Jordan;** University of Kentucky; **M29**

**Shonkwiler, J. Scott;** University of Nevada, Reno; **1058**

**Shortle, James S.;** Pennsylvania State University; **1012, 2096, 2108**

**Shultz, Joe;** Senate Agriculture Committee; **1019**

**Shutes, Karl;** Wageningen University; **2052, T73**

**Siddig, Khalid H. A.;** Universität Hohenheim; **1079**

**Sills, Erin;** North Carolina State University; **2089**

**Simmons, Emmay;** Partnership to Cut Hunger and Poverty in Africa; **2041**

**Simon, Leo;** University of California, Berkeley; **2113**

**Simpson, Tony;** University of Georgia; **1012**

**Singh, Aaron;** University of Georgia; **2099**

**Singla, Rohit;** McGill University; **T74**

**Siriwardena, Shyamani;** University of Maine; **1029**

**Skees, Jerry;** University of Kentucky; **1035**

**Slade, Peter J.;** University of Guelph; **1021**

**Smith, Aaron;** University of California, Davis; **1015**

**Smith, David;** University of Minnesota; **2101, T89**

**Smith, Kitty;** USDA-Economic Research Service; **2038**

**Smith, Matthew M.;** University of New Hampshire; **2087**

**Smith, Rebecca;** Cornell University; **1049**

**Smith, Sarah S.;** University of New Hampshire; **2087**

**Sneeringer, Stacy;** USDA-Economic Research Service; **1016, 2102**

**Soleas, George;** Liquor Control Board of Ontario; **2013**

**Soler, Louis;** Institut National de la Recherche Agronomique; **2066**

**Somwaru, Agapi;** USDA-Economic Research Service; **1008, 1023**

**Sottomayor, Miguel;** Universidade Catolica Portuguesa; **2066**

**Souza, Mauricio Jorge Pinto de;** University of São Paulo; **2052, T73**

**Souza Monteiro, Diogo M.;** University of Kent; **1043, 2066, 2107**

**Spaulding, Aslihan;** Illinois State University; **T96**

**Speer, Nevil;** Western Kentucky University; **1005**

**Speers, Ann E.;** University of Maine; **1056**

**Spielman, David J.;** International Food Policy Research Institute; **2063**

**Spinelli, Felix Jens;** USDA-Natural Resources Conservation Service; **2017**

**Spolador, Humberto F. S.;** University of São Paulo; **2056**

**Spraggon, Donna;** University of Massachusetts Amherst; **2094**

**Spraggon, John;** University of Massachusetts Amherst; **2108**

**Sproul, Thomas;** University of California, Berkeley; **2033**

**Staatz, John;** Michigan State University; **2002**

**Staley, Daniel;** University of Kentucky; **T26**

**Starbuck, C. Meghan;** New Mexico State University; **M79**

**Starnes, Jane H.;** University of Tennessee; **T55**

**Stefanou, Spiro;** Pennsylvania State University; **2005, 2076**

**Steffen, Richard;** Illinois State University; **T96**

**Steiner, Bodo;** University of Alberta; **1003**

**Steininger, Marc;** Conservation International; **2039**

**Stephens, Heather;** The Ohio State University; **1009**

**Sterns, James;** University of Florida; **1060, 2076**

**Stiegert, Kyle;** University of Wisconsin; **1026**



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**Stillman, Richard**; USDA-Economic Research Service; **1039, 2062**  
**Storm, Hugo**; University of Bonn; **M84**  
**Stover, Ronald**; South Dakota State University; **M78**  
**Stowe, C. Jill**; University of Kentucky; **T29**  
**Strager, Michael P.**; West Virginia University; **2029**  
**Strong, Aaron**; University of Iowa; **2098**  
**Su, Hui**; West Virginia University; **2058**  
**Su, Lianfan**; Oklahoma State University; **1025**  
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**Sumalde, Zenaida**; University of the Philippines; **M14**  
**Sumner, Daniel**; University of California, Davis; **1034, 2013, 2048, T87**  
**Sun, Yan**; International Food Policy Research Institute; **M72**  
**Susanto, Dwi**; Texas A&M University; **1049, 1051**  
**Suter, Jordan**; Oberlin College; **1081, 2108**  
**Swallow, Brent**; University of Alberta; **1032**  
**Swindall, Devin C.**; Clemson University; **2103**  
**Swinton, Scott M.**; Michigan State University; **1053, 2088, 2112, T57, T90**  
**Swisher, Marilyn E.**; University of Florida; **M50**  
**Sykuta, Michael**; University of Missouri; **2030, 2093**  
**Szegenyova, Katarina**; Slovak Agricultural University; **2100**

## T

**Taber, John**; Cornell University; **1029**  
**Tack, Jesse**; Mississippi State University; **1011, 1044, 2053, 2063**  
**Taha, Fawzi**; USDA-Economic Research Service; **2079**  
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**Takeshima, Hiroyuki**; International Food Policy Research Institute; **M13**  
**Tandon, Sharad**; USDA-Economic Research Service; **1066**  
**Tauer, Loren**; Cornell University; **1049, 2001**  
**Taylor, C. Robert**; Auburn University; **2030**  
**Taylor, Daniel**; Virginia Tech; **2011**  
**Taylor, J. Edward**; University of California, Davis; **1031, 2070**  
**Teegerstrom, Trent**; University of Arizona; **1037**  
**Teisl, Mario**; University of Maine; **1029, 1056, 2087**  
**Tejeda, Hernan**; North Carolina State University; **2056**  
**Templeton, Scott**; Clemson University; **1045**  
**Therhault, Veronique**; University of Florida; **2076**  
**Thilmany McFadden, Dawn**; Colorado State University; **1003, 1043, 1074, 2034, 2073, 2107**  
**Thompson, Alexi**; Kansas State University; **2094**  
**Thompson, Dara**; University of Alberta; **1032**

**Thompson, Ethan**; University of Vermont; **1057, M31**  
**Thompson, Jada**; University of Arkansas; **M23**  
**Thompson, Sarahelen**; USDA-Economic Research Service; **2036**  
**Thornsbury, Suzanne**; Michigan State University; **2023, 2026**  
**Thrasher, James**; University of South Carolina; **2084**  
**Tiehen, Laura**; USDA-Economic Research Service; **M2**  
**Tien Dung, Khong**; University of the Philippines; **M14**  
**Tiffin, Richard**; University of Reading; **1015**  
**Tiller, Kelly J.**; University of Tennessee; **T55**  
**Timmons, David**; University of Massachusetts Boston; **2087**  
**Tokovenko, Oleksiy**; North Dakota State University; **2050, 2080**  
**Tondel, Fabien**; Michigan State University; **1014**  
**Tonsor, Glynn**; Kansas State University; **1018, 2067, 2092, 2110**  
**Toole, Andrew**; USDA-Economic Research Service; **1008, 2027**  
**Towe, Charles**; University of Maryland; **2047**  
**Tran, Nhuong Van**; Auburn University; **2106**  
**Traxler, Greg**; Bill & Melinda Gates Foundation; **2032**  
**Trejo-Pech, Carlos**; Universidad Panamericana; **2026**  
**Trindade, Federico J.**; University of Nebraska; **T76**  
**Tschirley, David**; Michigan State University; **2041**  
**Tshepelayi Kabata, Tshepelayi**; University of Nebraska; **2102**  
**Tuan, Francis**; USDA-Economic Research Service; **1023, 1077**  
**Tumber, Kabir**; University of California, Davis; **2013**  
**Turner, Lindsey**; University of Illinois at Chicago; **M56**  
**Turvey, Calum**; Cornell University; **1006**  
**Tuttle, Carrie M.**; Clarkson University; **2029**  
**Tuttle, Charlotte**; University of Minnesota; **1022**  
**Twyman, Jennifer**; University of Florida; **T62**  
**Tyner, Wallace**; Purdue University; **M22**

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**Ubilava, David**; Mississippi State University; **1042**  
**Uchida, Shinsuke**; University of Maryland; **M8**  
**Uematsu, Hiroki**; Louisiana State University; **1021, 2113**  
**Ulimwengu, John**; International Food Policy Research Institute; **M12, M18**  
**Unnevehr, Laurian**; USDA-Economic Research Service; **1075, 2106**  
**Usset, Edward**; University of Minnesota; **1061**  
**Usui, Takehiro**; Soka University; **T83**

## V

**Valcu, Adriana M.**; Iowa State University; **2016**  
**Valdes, Constanza**; USDA-Economic Research Service; **1008**  
**Valdivia, Corinne**; University of Missouri; **2082**  
**van der Werf, Wopke**; Wageningen University; **2112**  
**van Ittersum, Koert**; Georgia Tech; **T23**

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**Van Winkle, Andrea;** North Dakota State University; **2083**  
**Vararuth Khantachavana, Sivalai;** Cornell University; **1006, 1020**  
**Variyam, Jayachandran;** USDA-Economic Research Service; **1007**  
**Vedenov, Dmitry;** Texas A&M University; **1066, 2024**  
**Veeman, Michele;** University of Alberta; **1003**  
**Velandia, Margarita;** University of Tennessee; **2085, 2086**  
**Vergara, Oscar;** AIR Worldwide; **2065**  
**Verma, Monika;** Purdue University; **1023**  
**Vestal, Mallory K.;** Oklahoma State University; **M53**  
**Vialou, Alexandre;** University of Maryland; **1050**  
**Viator, Catherine;** RTI International; **1027**  
**Volpe, Richard;** USDA-Economic Research Service; **1026**  
**Von Haefen, Roger;** North Carolina State University; **1058**  
**Vosejka, Jamie;** CH Robinson; **1062**  
**Vosti, Stephen;** University of California, Davis; **2011, M64**

### W

**Wachenheim, Cheryl;** North Dakota State University; **2003, 2037, 2085**  
**Wada, Christopher;** University of Hawaii; **1070**  
**Wagner, Liam;** University of Queensland; **1010**  
**Wahl, Thomas;** North Dakota State University; **1038**  
**Wailes, Eric J.;** University of Arkansas; **2080, T11, T47**  
**Waldorf, Brigitte S.;** Purdue University; **M59**  
**Walker, Thomas;** Cornell University; **1040**  
**Wallander, Steven;** USDA-Economic Research Service; **1068, 1070**  
**Walters, Cory;** University of Kentucky; **1061, M89**  
**Wang, Chenggang;** Texas Tech University; **1041, 2055, 2086**  
**Wang, Chenguang;** Michigan State University; **1052**  
**Wang, Hainan;** Washington State University; **1038**  
**Wang, Hong;** Purdue University; **2106**  
**Wang, Linke;** University of Connecticut; **2058**  
**Wang, Qingbin;** University of Vermont; **1057, M31**  
**Wang, Sun Ling;** USDA-Economic Research Service; **1008**  
**Wang, Tong;** Iowa State University; **T46, T64**  
**Wang, Weiwei;** Texas A&M University; **1012, 2050**  
**Wang, Xiaoyang;** University of Illinois at Urbana-Champaign; **2105**  
**Wang, Ye;** Texas Tech University; **2055**  
**Ward, Patrick;** Purdue University; **1002, 1040**  
**Ward, Ruby;** Utah State University; **1030**  
**Watson, Marissa;** University of Georgia; **1012**  
**Weatherspoon, Dave;** Michigan State University; **1003, 1036, 2097**  
**Weaver, Seth;** Clemson University; **2094**

**Weber, Bruce;** Oregon State University; **2077**  
**Weber, Jeremy;** USDA-Economic Research Service; **2100**  
**Wechsler, Seth;** USDA-Economic Research Service; **1050**  
**Wegener, Malcolm;** University of Queensland; **1010**  
**Wei, Xuan;** Michigan State University; **2023**  
**Weinberg, Marca;** USDA-Economic Research Service; **1002**  
**Welch, Jarrod;** University of California, San Diego; **2089**  
**Weldon, Richard N.;** University of Florida; **2026**  
**Weller, Stephen;** Purdue University; **2112**  
**Wellman, Joseph;** University of Maine; **1056**  
**Wendt, Minh;** USDA-Economic Research Service; **1076**  
**Westgren, Randall;** University of Missouri; **1030**  
**Westhoff, Patrick;** University of Missouri; **1046, 2019**  
**Westra, Sabrina;** University of Alberta; **1069**  
**Wetzstein, Michael E.;** University of Georgia; **1071, 2071**  
**Wheeler, William;** U.S. Environmental Protection Agency; **1080**  
**Whitaker, James B.;** U.S. Agency for International Development; **2057**  
**White, John;** University of Plymouth; **2056**  
**White, T. Kirk;** USDA-Economic Research Service; **1064, 2008**  
**Wibberly, Megan R.;** University of Maine; **1056**  
**Wilde, Parke;** Tufts University; **1033, 1075**  
**Williams, Jeffery;** Kansas State University; **1073**  
**Williams, Jeffrey;** University of California, Davis; **M19**  
**Williams, Robert;** USDA-Economic Research Service; **1072**  
**Williamson, James M.;** USDA-Economic Research Service; **2082**  
**Willis, David B.;** Clemson University; **2103, M11**  
**Wilson, Norbert;** Auburn University; **2026, 2106**  
**Wilson, Rikki;** University of Idaho; **2078**  
**Wilson, Robert;** University of Nebraska; **2112**  
**Wilson, Shelby;** University of California, Davis; **M64**  
**Winchester, Niven;** University of Otago; **2052**  
**Wiser, Ryan H.;** Lawrence Berkeley National Lab; **M76**  
**Wisner, Robert;** Iowa State University; **1061**  
**Wixson, Sarah E.;** University of Kentucky; **M46**  
**Wohlgenant, Michael;** North Carolina State University; **1067, 2072, T36**  
**Wolf, Christopher A.;** Michigan State University; **2083**  
**Wolfskill, Lawrence;** Sam Houston State University; **2094**  
**Wood, Benjamin;** University of Illinois at Urbana-Champaign; **T59**  
**Woodard, Joshua;** Texas A&M University; **1024, 1066**  
**Woods, Timothy;** University of Kentucky; **1030, 1062, 2073, M29, M47, T31**  
**Woodward, Richard;** Texas A&M University; **1045**  
**Woodward-Lopez, Gail;** University of California, Berkeley; **1055**



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**Wozniak, Shawn;** USDA-Economic Research Service; **2073**  
**Wrenn, Douglas;** The Ohio State University; **2047**  
**Wright, Christopher;** University of New Hampshire; **1080**  
**Wu, Chaoming;** People's Bank of China; **1006**  
**Wu, Chia-Hsun;** Chun-Hua Institute of Economic Research; **T27**  
**Wu, Feng;** Michigan State University; **2099, M35**  
**Wu, Kening;** China University of Geosciences; **2076**  
**Wu, Laping;** China Agricultural University; **2106**  
**Wu, Qian;** Oregon State University; **T71**  
**Wu, Tong;** University of Delaware; **1057**  
**Wu, Yingxian;** Pennsylvania State University; **1055**  
**Wysocki, Allen;** University of Florida; **1030, 2061**  
**Wyszynski, Timothy;** The Ohio State University; **1052**

### X

**Xia, Tian;** Kansas State University; **2072, T66**  
**Xie, Jing;** University of Florida; **M50**  
**Xie, Ruizhi;** University of Delaware; **2028**  
**Xiong, Bo;** Iowa State University; **2052**  
**Xue, Hong;** Virginia Tech; **1022**  
**Xuesong, Zhang;** Joint Global Change Research Institute; **T57**

### Y

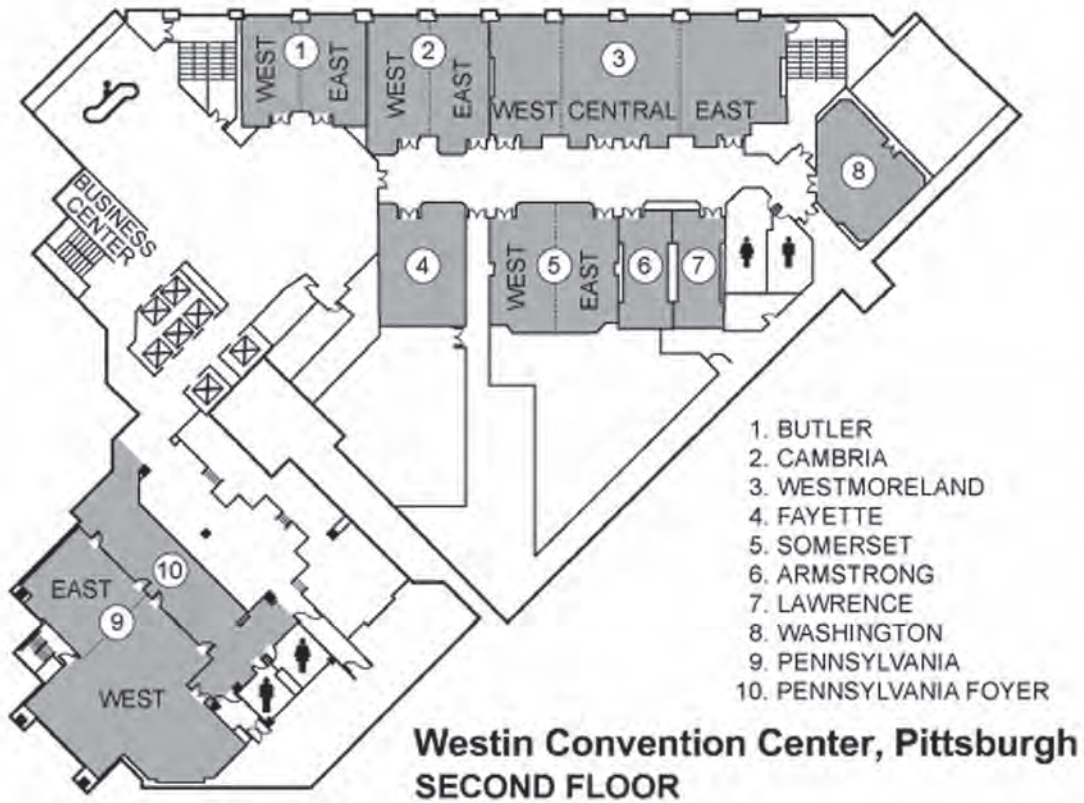
**Yadav, Vandana;** Michigan State University; **2097**  
**Yamaura, Koichi;** Kansas State University; **1021, T66**  
**Yan, Binjian;** Nanjing Agricultural University; **1059**  
**Yang, Min-hsien;** Feng Chia University; **2080**  
**Yang, Shang-Ho;** University of Kentucky; **1059**  
**Yang, Tsung Yu;** North Carolina State University; **1024**  
**Yang, Wei;** University of Nevada, Reno; **1025**  
**Yang, Xi;** University of Illinois at Urbana-Champaign; **2101**  
**Yao, Lan;** Shanghai University of Finance and Economics; **2079**  
**Yeager, Elizabeth A.;** Kansas State University; **1002, 2054, 2056**  
**Yen, Steven;** University of Tennessee; **2068, 2109**  
**Yi, Fujin;** University of California, Davis; **2101**  
**Yoo, Do-il;** University of Wisconsin; **1048**  
**Yoo, James;** Pennsylvania State University; **M80**  
**Yoo, Veronica;** University of Georgia; **2013**  
**You, Liangzhi;** International Food Policy Research Institute; **M18**  
**You, Wen;** Virginia Tech; **1022, 2015, 2051, 2109, M55, M86**  
**Young, Bryan;** Southern Illinois University; **2112**  
**Young, Douglas;** Washington State University; **2036**  
**Young, Edwin;** USDA-Economic Research Service; **2057, M7**  
**Yu, Bingxin;** International Food Policy Research Institute; **1008**  
**Yu, Chin-Hsien;** Texas A&M University; **T92**

**Yu, Tun-Hsiang;** University of Tennessee; **1073, 2058, 2091, M86, T81**  
**Yu, Xiaohua;** Georg-August-Universität Göttingen; **1043, 1052, 2044**  
**Yuan, Yan;** Southwestern University of Finance and Economics; **1006**  
**Yue, Chengyan;** University of Minnesota; **2084**  
**Yuko, Nakano;** International Rice Research Institute; **1011**

### Z

**Zacharias, Thomas;** National Crop Insurance Services; **2065, 2090**  
**Zahniser, Steven S.;** USDA-Economic Research Service; **1047**  
**Zakrewicz, Christopher;** Oklahoma State University; **M26**  
**Zapata, Hector O.;** Louisiana State University; **1068**  
**Zhan, Congnan;** North Carolina State University; **2053**  
**Zhang, Junjie;** Duke University; **2009**  
**Zhang, Wei;** International Food Policy Research Institute; **2016, 2112**  
**Zhang, Xiaobo;** International Food Policy Research Institute; **1006, 1059, T60**  
**Zhang, Yuehua;** Zhejiang University; **1059**  
**Zhang, Yuquan W.;** Texas A&M University; **2071**  
**Zhao, Jieyuan;** North Carolina State University; **2105**  
**Zhao, Shiliang;** Texas Tech University; **1041**  
**Zhao, Xiaobing;** Northern Arizona University; **1017, 2050**  
**Zhao, Xin;** University of Florida; **M50**  
**Zhen, Chen;** RTI International; **2068, T63**  
**Zheng, Hualu;** University of Connecticut; **1027**  
**Zheng, Xiaoyong;** North Carolina State University; **1067**  
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**Zhou, Deyi;** Huazhong Agricultural University; **2079**  
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**Zhou, Xia;** University of Tennessee; **M71, T98**  
**Zhou, Yingheng;** Nanjing Agricultural University; **1059**  
**Zhu, Erqian;** University of Nevada, Reno; **1025, M93**  
**Zhu, Ying;** North Carolina State University; **1024, M88**  
**Zhylyevskyy, Oleksandr;** Iowa State University; **1022**  
**Zilberman, David;** University of California, Berkeley; **1004, 2033, M43**  
**Zipp, Katherine;** University of Wisconsin; **M17, T93**  
**Zulauf, Carl;** The Ohio State University; **1034**

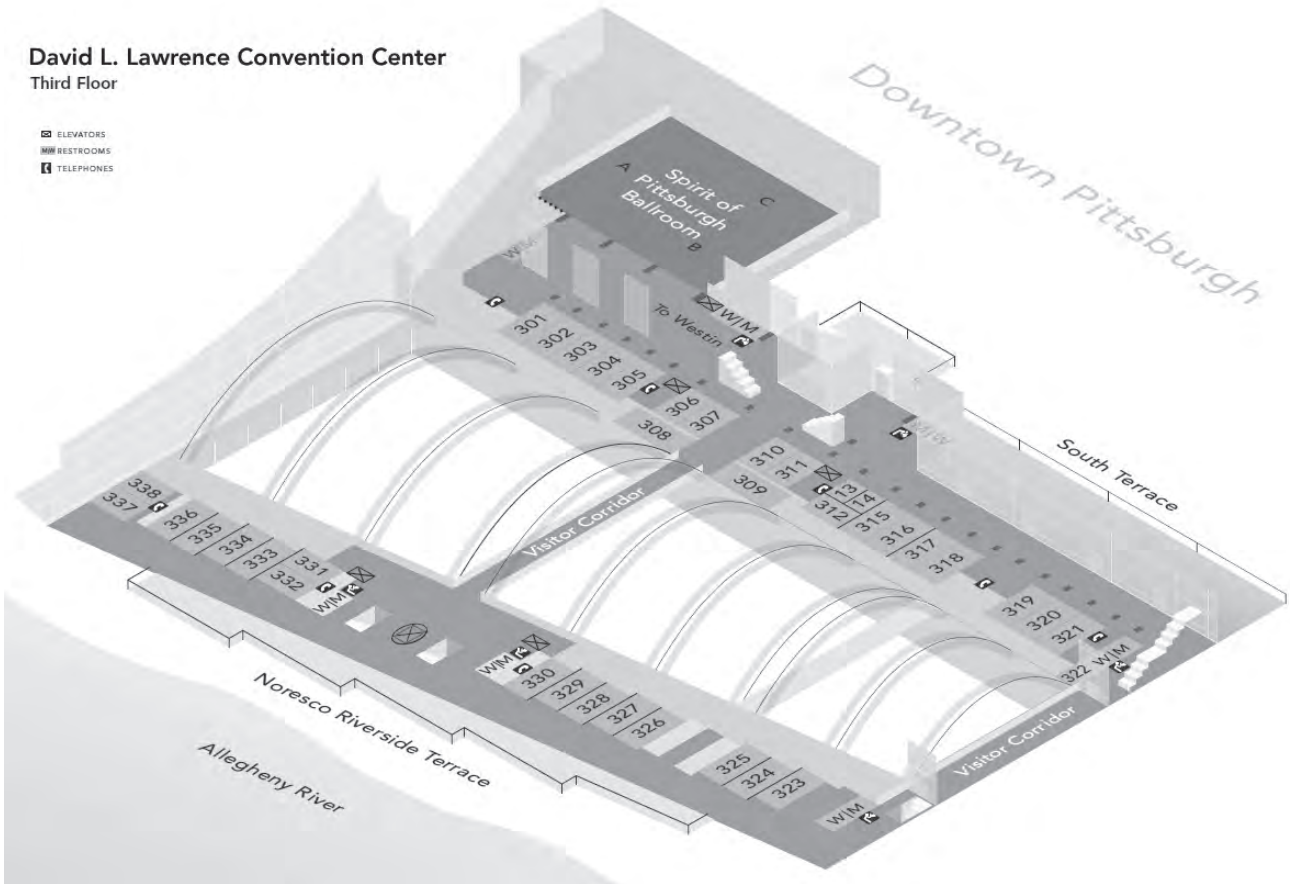
# Westin Convention Center Maps



# David L. Lawrence Convention Center Maps

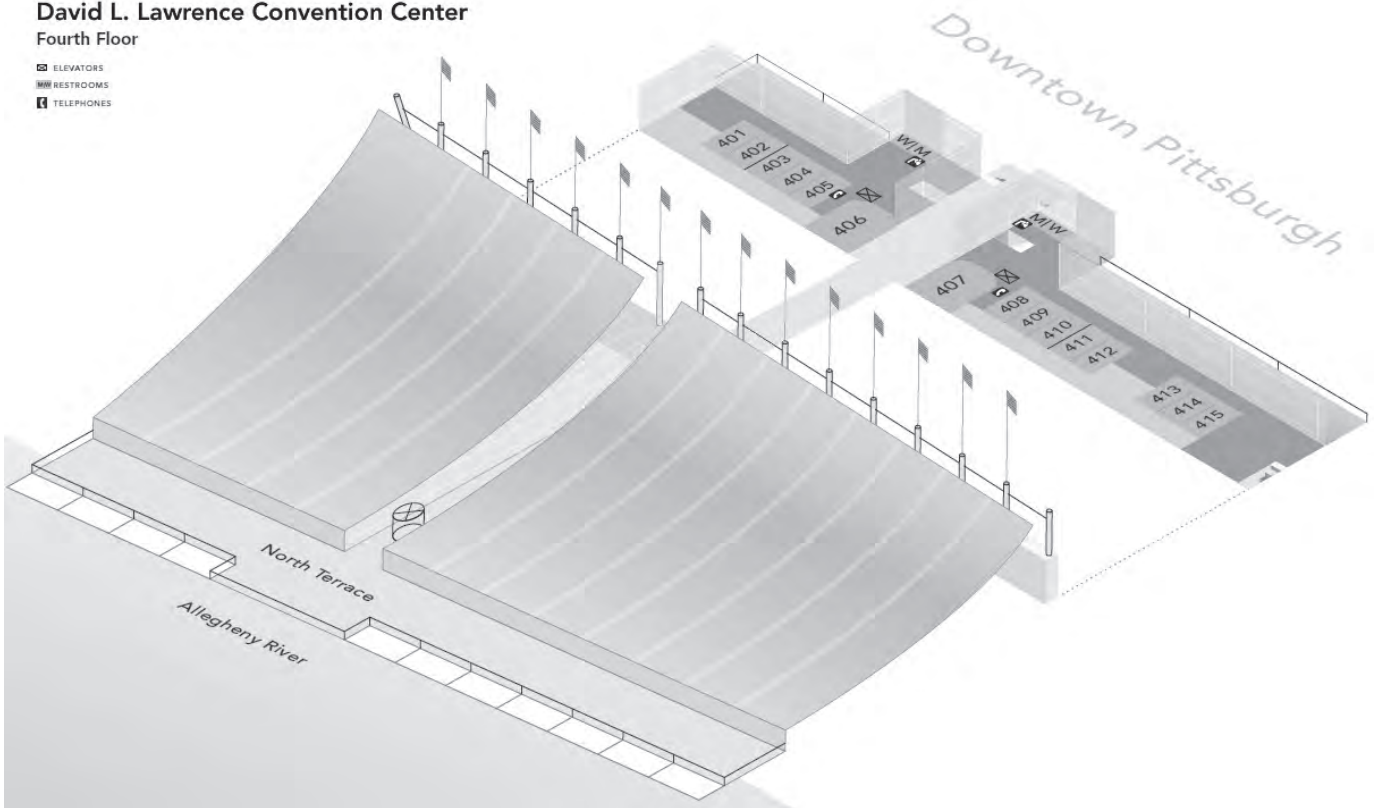
## David L. Lawrence Convention Center Third Floor

-  ELEVATORS
-  RESTROOMS
-  TELEPHONES



## David L. Lawrence Convention Center Fourth Floor

-  ELEVATORS
-  RESTROOMS
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# APPLIED ECONOMIC PERSPECTIVES AND POLICY

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