

# Final Program



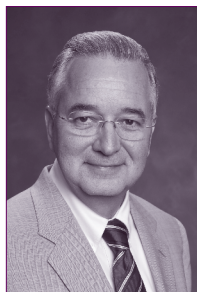
**AAEA, CAES, & WAEA Joint Annual Meeting**

Denver, CO • July 25–27, 2010

[www.aaea.org/2010am](http://www.aaea.org/2010am)

2010  
AAEA  
CAES  
WAEA  
2010

## WELCOME TO DENVER



Thank you very much for joining us in Denver! We are pleased to welcome our AAEA members to what will no doubt be a spectacular summer meeting, and we are also very pleased to welcome our CAES and WAEA colleagues to this Joint Annual Meeting of our three venerable professional associations.

This is a very special meeting for the AAEA, as 2010 marks the **100th anniversary of the founding of the Agricultural & Applied Economics Association!** In recognition of this special occasion, AAEA has organized a large variety of distinctive events to celebrate its centennial, and we hope that you will have the opportunity to enjoy many or all of them. This includes an **AAEA Welcome**

**Reception** on Sunday evening unlike any other you have experienced in recent memory, including live music and presentation of special guests, all beginning at 8:00 pm and continuing until *midnight!*

Earlier on Sunday afternoon, beginning at 4:30 pm, Paul W. Barkley will be featured in a plenary session where he will provide highlights of AAEA's 100-year evolution based on his new book, ***A Centennial History of the AAEA***, which all members of the AAEA will receive without charge. The premiere of an AAEA-commissioned video commemorating the centennial will be included as part of Paul's session. Our Keynote Address will precede the Welcome Reception, at 7:00 pm on Sunday evening, and will feature Marc Nerlove, who will analyze the interesting and sometimes curious relationship between the agricultural and general economics professions over time in his presentation entitled **"Agricultural Economics and Economics: Convergence and Divergence"**.

Appearing throughout the meeting, and hosted by Sections of the AAEA, will be follow up presentations relating to the 12 themed articles that appeared in the **Special Centennial Issue of the AJAE**. There will also be other centennial-themed paper presentations presented in Track Sessions of our Sections, and elsewhere in the program. Table-top displays from universities and institutions throughout the country will document century-long developments in the history of a wide collection of agricultural and applied economics-oriented programs, and a spectacular series of timeline panels highlighting every decade in the 100-year life of the AAEA will be on display for all to enjoy.

And looking well forward into the second century of AAEA's existence, Thomas W. Hertel, our incoming AAEA President, will be presenting his Presidential Address on Monday, from 9:00 am–10:00 am, concerning **"The Global Supply and Demand for Land in 2050: A Perfect Storm?"**.

Concluding our Centennial Celebration, the AAEA will host, for the first time, a **Closing Reception** that will represent the official close of the meeting. It will be held on Tuesday evening, beginning at 7:00 pm, and will be centennial-themed, including among other things, a birthday cake for our 100-year-old association!

As you would expect, the meeting includes a full slate of Invited and Selected Paper sessions, Organized Symposia, and Poster presentations as well as student activities, Track Sessions, and speaker series luncheons and banquets sponsored by our various AAEA Sections. Two additional very special events include the **Fellows Address**, presented this year by Catherine L. Kling on Tuesday, from 11:30 am–12:30 pm, and entitled **"Economic Incentives to Improve Water Quality in Agricultural Landscapes: Some New Variations on Old Ideas"**, and the **AAEA Galbraith Forum** on Tuesday, from 6:00 pm–7:00 pm, presented this year by John A. List on **"Using Field Experiments in Agricultural and Environmental Economics"**. Please note that the Galbraith Forum is now a free event available to everyone in attendance at the meeting.

Our AAEA Business Office has done an excellent job of planning our meeting. The AAEA staff will be visible and on hand throughout the meeting in Denver, so feel free to contact them if you need assistance. I hope your experience in Denver is both professionally and personally enjoyable and enriching, and that you leave with fond and lasting memories of the Celebration of our 100-year existence as a premier association of agricultural and applied economists. And best wishes to the association for the next 100 years!

**Ron Mittelhammer**  
AAEA President

## WELCOME TO DENVER



I would like to welcome all members of the CAES to the Joint Annual Meeting in Denver. I would also like to extend that welcome to the members of the other associations that are part of this joint meeting—the AAEA and WAEA. All are welcome to attend our sessions and, given the excellent CAES program that has been put together, I expect that there will be something each of you will find interesting. I know that I and other CAES members will be sampling what the AAEA and WAEA programs have to offer. Having attended a number of these joint meetings in the past, I know they are a great way to extend networks and to rub shoulders with a wide variety of agricultural economics professionals.

It is the AAEA's centennial this year and there will be sessions of a reflective nature—it will be a good time to think about how our profession has evolved—and is still evolving. The CAES has been engaged in a "future directions" initiative that will be discussed in Denver. I urge you all to take the time to attend the business meeting of the society and bring your thoughts about how the society can better serve your needs. I also urge you to attend the CAES Fellows Address to be given this year by Fellow Suren Kulshreshtha on "Climate Change, Prairie Agriculture, and Prairie Economy: The New Normal" and the CAES Presidential Address by our incoming President, Jim Vercammen on "Incorporating Environmental Costs and Benefits in Agricultural Support and Insurance Programs."

Denver has a number of attractions and I hope you take some time to enjoy the city. Having said that, don't forget the CAES Awards Banquet! It will be the social highlight of the Denver meeting and a place to greet and meet Canadian friends, old and new. It is also where the CAES honours its members' achievements—from newer members winning Undergraduate Book Prizes and Masters Thesis awards to others who will be recognized for academic scholastic excellence and long standing contributions to the profession. Come along and help us honour their success.

I personally look forward to seeing all of you in Denver.

**Bill Kerr**  
CAES President



Welcome to Denver and the Joint Annual Meeting! Our objective was to create a unique program that would allow WAEA to maintain its identity from the other two professional societies (AAEA and CAES). AAEA Sections were invited to co-sponsor sessions with us and you will see that we have joint sessions with AEM, FAMPS, GSS, and TLC. The entire WAEA program will take place on Tuesday starting with the WAEA Breakfast & Awards Program. We asked each WAEA department to nominate alumni who received their graduate degree (MS, MBA, or PhD) in agricultural economics and then we invited them to be panel speakers for our six Tuesday concurrent sessions. This will be a great way

for us to engage with our many alumni working in industry. We have speakers from a wide range of food economy firms who will address current policy topics affecting food and agribusiness, careers in industry, and teaching and learning in the workplace. Our industry guests have also been invited to the Industry Speaker Series & Banquet on Monday night and will be honored during the WAEA Luncheon and Recognition of Industry Alumni. Finally, we will conclude the Tuesday program with Larry Van Tassell's Presidential Address and our business meeting. I want to especially thank the WAEA Council representatives for working with us to identify the alumni, Farm Foundation for sponsoring lunch, and vice-president, Karen Klonsky who has helped in many ways this past year in organizing this program. It takes a lot of volunteers to run WAEA and I want to thank all of them for helping plan this program.

**Michael Boland**  
WAEA President

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## IMPORTANT LOCAL PHONE NUMBERS

**Sheraton Denver  
Downtown Hotel**  
(303) 893-3333

### Hospitals

- Presbyterian/St. Luke's Medical Center: (303) 839-6000
- Exempla St. Joseph Hospital: (303) 837-7111

### Denver Police Department

- Non-emergency assistance: (720) 913-2000
- District 3 substation: (720) 913-1300

**Denver Fire Department  
Headquarters**  
(720) 913-3473

**Rocky Mountain Poison &  
Drug Center**  
(303) 739-1100

*Cover photo courtesy of: Denver Metro  
Convention & Visitors Bureau*

## MEETING INFORMATION

### Registration Desk Hours

Saturday, July 24, 4:00 pm–7:00 pm  
Sunday, July 25, 8:00 am–7:00 pm  
Monday, July 26, 7:00 am–5:00 pm  
Tuesday, July 27, 7:00 am–4:00 pm

The Registration Desk is located in the Plaza Building on the Concourse Level. If you have any questions, please feel free to visit the Registration Desk, or contact AAEA staff at (303) 352-2424.

### 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 Reception, 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, CAES, & WAEA. Recording of any session without the consent of AAEA, CAES, & WAEA 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, CAES, & WAEA are committed to the "True Cost Pledge." All three 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, CAES, or WAEA. If you prefer that you are not included in these photos, please notify the photographer.

## AAEA, CAES, & WAEA LEADERSHIP

### Agricultural & Applied Economics Association Executive Board

**President:** Ron Mittelhammer, Washington State University

**President-Elect:** Thomas W. Hertel, Purdue University

**Past President:** Richard E. Just, University of Maryland

**Directors:** Bruce A. Babcock, Iowa State University; Damona G. Doye, Oklahoma State University; Barry Goodwin, North Carolina State University; Lisa A. House, University of Florida; Scott Irwin, University of Illinois at Urbana-Champaign; James M. MacDonald, USDA-Economic Research Service

### 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 (AEP)P

**Submitted Articles Editors:** Timothy Park, USDA-Economic Research Service; Tomislav Vukina, North Carolina State University

**Featured Articles Editor:** Ian Sheldon, The Ohio State University

### Choices Magazine

**Editor:** Walter J. Ambruster, Farm Foundation, President Emeritus

**Submitted Articles Editor:** Clement Ward, Oklahoma State University

**Technical Editor:** Patricia Keough-Wilson, Plains Harvest Communications

### Canadian Agricultural Economics Society Executive Council

**President:** William Kerr, University of Saskatchewan

**President-Elect:** James Vercauteren, University of British Columbia

**Past President:** Lars Brink, Agriculture and Agri-Food Canada

**Treasurer:** Verna Mitura, Agriculture and Agri-Food Canada

**Secretary:** Tabitha Rich, Agriculture and Agri-Food Canada, Ottawa

**Councillors:** Brady Deaton, University of Guelph; Dave Culver, Agriculture and Agri-Food Canada; Glenn Fox, University of Guelph; Danny Le Roy, University of Lethbridge; Al Mussell, George Morris Centre; Tomas Nilsson, Alberta Finance and Enterprise; Matthew Straub, Canadian International Development Agency; Wayne Thompson, Saskatchewan Canola Growers Association; Gale West, Université Laval

**Executive Director:** Valerie Johnson

**IAAE Representative:** Terry S. Vee-

man, University of Alberta

### Canadian Journal of Agricultural Economics (CJAE)

**Editors:** Jwames F. Nolan, University of Saskatchewan; Elwin G. Smith, Agriculture and Agri-Food Canada; G. Cornelis van Kooten, University of Victoria; James R. Wilson, University of Quebec at Rimouski

### Western Agricultural Economics Association Executive Board

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

**President-Elect:** Larry Van Tassell, University of Idaho

**Past President:** Penny Diebel, Oregon State University

**Vice President:** Karen Klonsky, University of California, Davis

**Directors:** Eric DeVuyst, Oklahoma State University; Christopher McIntosh, University of Idaho; Ruby Ward, Utah State University; Jonathan Yoder, Washington State University

### Journal of Agricultural and Resource Economics (JARE)

**Managing Editor:** Gary W. Brester, Montana State University

**Co-Editors:** Joseph A. Atwood, Montana State University; Vincent H. Smith, Montana State University; Myles J. Watts, Montana State University

## SPONSORS



- AAEA Student & Young Professional Travel Grants
- GSS Case Study Competition
- GSS Reception
- Pre-conference Workshop: Behavioral and Experimental Economics, Food, and Health
- SS-AAEA Academic Bowl

### Canadian Agricultural and Policy Research Network on Consumer and Market Demand

- Pre-conference Workshop: Behavioral and Experimental Economics, Food, and Health



- Extension Section Reception



- Graduate Student Extension Competition
- Pre-conference Workshop: Behavioral and Experimental Economics, Food, and Health
- WAEA Luncheon and Recognition of Industry Alumni



- Extension Section Reception
- SS-AAEA Academic Bowl



FEDERAL RESERVE BANK of KANSAS CITY

- AAEA President's Reception



- Extension Section Reception



- Pre-conference Workshop: Behavioral and Experimental Economics, Food, and Health



- Pre-conference Tour: Energy Development, Environment, and Communities—A Tour of Energy Development in Colorado and Wyoming



- AAEA African Travel Grant
- AAEA Galbraith Forum
- Pre-conference Workshop: Behavioral and Experimental Economics, Food, and Health



United States Department of Agriculture  
National Institute of Food and Agriculture

- 2010 Teaching Academy—The Use of Simulations to Stimulate Student Learning and Engagement

## AAEA CENTENNIAL PATRONS

These organizations have produced tabletop displays celebrating AAEA's centennial, which you can find in the Plaza Ballroom Foyer of the Plaza Building on the Concourse Level.

- AgEcon Search
- C-FARE
- Cornell University
- Farm Foundation
- Food Distribution Research Society
- Giannini Foundation of Agricultural Economics
- Iowa State University, Center for Agricultural and Rural Development
- Kansas State University
- Michigan State University, Department of Agricultural, Food, and Resource Economics
- Mississippi State University
- New Mexico State University
- North Carolina State University
- Oklahoma State University, Department of Agricultural Economics
- Oregon State University, Agricultural and Resource Economics Department
- Pennsylvania State University
- Purdue University
- Southern Agricultural Economics Association
- Texas A&M University, Department of Agricultural Economics
- The Ohio State University, Department of Agricultural, Environmental, and Development Economics
- University of Alberta, Department of Rural Economy
- University of Arizona
- University of Connecticut, Department of Agricultural and Resource Economics
- University of Florida, Food and Resource Economics Department
- University of Georgia
- University of Illinois at Urbana-Champaign, Department of Agricultural & Consumer Economics
- University of Maryland, Department of Agricultural & Resource Economics
- University of Minnesota
- University of Missouri
- USDA-Animal and Plant Health Inspection Service
- USDA-Economic Research Service
- USDA-National Animal Health Monitoring System
- Washington State University, School of Economic Sciences

## EXHIBITORS



AgEcon Search  
Booth 108



OXFORD JOURNALS  
OXFORD UNIVERSITY PRESS

Oxford University Press  
Booth 114



Union of Concerned Scientists  
Citizens and Scientists for Environmental Solutions

Union of Concerned Scientists  
Booth 113



Aptech Systems, Inc.  
Booth 110



Purdue University  
Booth 111



University of Illinois, FAST Tools  
Booth 103



CABI  
Booth 106



Texas Tech University, Division of  
Personal Financial Planning  
Booth 109



Wiley-Blackwell  
Booth 112



The Council on Food, Agricultural,  
and Resource Economics  
Booth 105



USDA-Economic Research Service  
Booth 101



USDA-Natural Resources  
Conservation Service  
Booth 102



International Food Policy  
Research Institute  
Booth 104



USDA-National Agricultural  
Statistics Service  
Booth 107

## UNDERGRADUATE RECRUITMENT FAIR

Sunday, 2:00 pm–5:00 pm; Monday, 7:00 am–4:00 pm

*Plaza Building, Lobby Level, Director's Row Foyer*

The Undergraduate Recruitment Fair gives undergraduate students who are in Denver 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:

- The Ohio State University, Department of Agricultural, Environmental and Development Economics
- Oklahoma State University
- Purdue University
- Texas A&M University, Department of Agricultural Economics
- Texas Tech University, Division of Personal Financial Planning
- University of Georgia
- University of Florida

## PLENARY SESSIONS



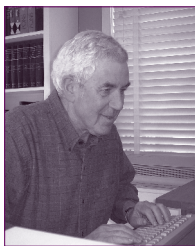
**An AAEA Centennial Retrospective,  
Featuring Paul W. Barkley and an  
AAEA Historical Video**  
Sunday, 4:30 pm–5:30 pm

Plaza Building, Concourse Level,  
Plaza Ballroom ABC

Paul W. Barkley will discuss the history of AAEA at the opening plenary session of the 2010 Joint Annual

Meeting. This session will be supplemental to the book Barkley has written about AAEA, *A Centennial History of the AAEA*. Barkley, who is Professor Emeritus in the School of Economic Sciences at Washington State University and currently Courtesy Professor at Oregon State University, will outline the importance of the association as it has moved through the decades, focusing primarily on the communication that has been used both inside and outside the profession.

This session will also feature the premiere of a video produced for AAEA's Centennial Celebration titled "Historical Highlights of the AAEA at 100 Years". The video will also be shown after each of the AAEA plenary sessions throughout the meeting.



**Keynote Address**  
Sunday, 7:00 pm–8:00 pm

Plaza Building, Concourse Level,  
Plaza Ballroom ABC

*Marc Nerlove*  
*Professor of Agricultural and Resource Economics, University of Maryland*

"Agricultural Economics and Economics: Convergence and Divergence"

Marc Nerlove is Professor of Agricultural and Resource Economics at the University of Maryland. He has been an Analytical Statistician with the U.S. Agricultural Marketing Service, an Economist with Subcommittee on Antitrust and Monopoly, United States Senate, and a First Lieutenant in the United States Army. His many honors and awards include the John Bates Clark Medal of the American Economic Association, Fulbright and Guggenheim Fellowships, Fellowship and presidency of the Econometric Society, and fellow of the American Statistical Association, the American Academy of Arts and Sciences, and AAEA. He is an elected member of the U.S. National Academy of Sciences.



**AAEA Presidential Address**  
Monday, 9:00 am–10:00 am

Plaza Building, Concourse Level,  
Plaza Ballroom ABC

*Thomas W. Hertel*  
*Distinguished Professor of Agricultural Economics, Purdue University*

"The Global Supply and Demand for Land in 2050: A Perfect Storm"

Thomas W. Hertel is Distinguished Professor of Agricultural Economics at Purdue University, where his research focuses on the economy-wide impacts of global trade and environmental policies. Hertel is a Fellow and President-Elect of AAEA. He is also the founder and Executive Director of the Global Trade Analysis Project (GTAP) which now encompasses 7,500 researchers in 150 countries around the world. His most recent research has focused on the impacts of energy and climate policies on global land use and poverty. Previously, Hertel has conducted research on the impacts of multilateral trade agreements, including the linkages between global trade policies and poverty in developing countries.

**WAEA Breakfast & Awards Program**  
Tuesday, 7:00 am–8:30 am

Tower Building, Majestic Level, Vail Room

Join WAEA in honoring the achievements and accomplishments of its members from the past year over breakfast. Awards for outstanding research, extension, and teaching programs will be presented. WAEA will also recognize the 2010 Distinguished Scholars.



**AAEA Fellows Address**  
Tuesday, 11:30 am–12:30 pm

Plaza Building, Concourse Level,  
Plaza Ballroom ABC

*Catherine L. Kling*  
*Professor of Economics, Iowa State University*

"Economic Incentives to Improve Water Quality in Agricultural Landscapes: Some New Variations on Old Ideas"

Catherine L. Kling is Professor of Economics at Iowa State University and the Center for Agricultural and Rural Development. Her research interests include non-market valuation methods, especially revealed preference approaches, and interdisciplinary analyses focusing on policy design and incentives for the provision of ecosystem services from agriculture. Kling is a Fellow of the AAEA, a member of EPA's Science Advisory Board, President-Elect of the Association of Environmental and Resource Economists (AERE) and past board member of the AAEA. She has held editorial positions with the *American Journal of Agricultural Economics*, *Journal of Environmental Economics and Management*, and *Land Economics*.

## PLENARY SESSIONS

### How to Find a Job at the ASSA Meetings: Navigating the Labyrinth Tuesday, 12:45 pm–1:30 pm

Tower Building, Terrace Level, Columbine Room

This session will feature a panel discussion on how to successfully interview at ASSA in response to a significant shift of the agricultural economics job market to the ASSA Annual Meeting. We have invited several panelists with various interviewing perspectives: the university perspective, the public agency perspective, and the perspective of a student/recent hire who has successfully interviewed at ASSA. The panelists will share their insights with the audience and then will take questions from the audience.

#### Panelists include:

- *Mary Bohman, Director, Resource & Rural Economics Division, USDA-Economic Research Service*
- *Jon Brandt, Professor and Department Head, North Carolina State University*
- *Juan Pablo Sesmero, Assistant Professor, Purdue University*

Lunch will not be provided, but we invite you to bring a lunch with you. The Sheraton has a grab-n-go deli in the lobby, and there are several take-out options outside of the hotel.

### CAES Presidential Address, Fellows Address, & Business Meeting Tuesday, 1:30 pm–4:30 pm

Tower Building, Second Level, Windows Room

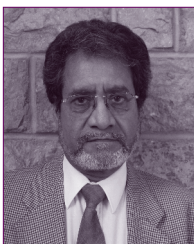


#### Presidential Address

*James Vercammen*  
*University of British Columbia*

“Incorporating Environmental Costs and Benefits in Agricultural Support and Insurance Programs”

James Vercammen joined the Food and Resource Economics Group at the University of British Columbia in 1991, shortly after obtaining a PhD in Agricultural and Resource Economics from the University of California, Berkeley. Vercammen’s research has examined a variety of industrial organization and policy issues, mostly recently applied to carbon offset and environmental markets.



#### Fellows Address

*Suren Kulshreshtha*  
*University of Saskatchewan*

“Climate Change, Prairie Agriculture, and Prairie Economy: The New Normal”

Suren Kulshreshtha is professor in the Department of Bioresource Policy, Business, and Economics at the University of Saskatchewan. He received his training first in India and his PhD from the University of Manitoba. His current areas of interest include climate change and greenhouse gas mitigation from agriculture, among others.



### WAEA Presidential Address & Business Meeting Tuesday, 4:00 pm–5:30 pm

Tower Building, Majestic Level, Vail Room

*Larry Van Tassell*  
*University of Idaho*

“Assessment and Accountability in Land Grant Universities”

Larry Van Tassell has served as the Department Head in Agricultural Economics and Rural Sociology at the University of Idaho since 1999. Larry has been actively involved in the university classroom, teaching management, production, and finance classes at both the undergraduate and graduate level. His research endeavors have included federal grazing issues, conservation management, and farm and ranch decision making. He has served the WAEA in numerous capacities, including Director and Council Member, Published Research Award Committee Chair, and Thesis Awards Committee Chair, and is the current President-Elect of WAEA.



### AAEA Galbraith Forum Tuesday, 6:00 pm–7:00 pm

Plaza Building, Concourse Level,  
Plaza Ballroom ABC

*John A. List*  
*Professor of Economics, University of Chicago*

“Using Field Experiments in Agricultural and Environmental Economics”

John List is Professor of Economics at the University of Chicago. His published research includes theoretical and empirical inquiries into both positive and normative issues in economics, with a special focus on environmental and resource problems. His research has pioneered the use of controlled field experiments in economics, which have provided insights into the valuation of nonmarket goods and services, public good provisioning, behavioral anomalies, charitable giving, auction theory, and the role of the market in the development of rationality. In 2002–2003, he served as Senior Economist on the President’s Council of Economic Advisors for Environmental and Resource Economics.



## SPEAKER SERIES EVENTS (TICKETED EVENTS)



### **COSBAE/CWAE Speaker Series & Luncheon** **Monday, 12:00 pm–1:30 pm**

Tower Building, Second Level, Windows Room

*This is a ticketed event. The cost to attend is \$45.*

*Sherece West  
President/CEO, Winthrop Rockefeller Foundation  
“Partnering with Philanthropy”*



### **Industry Speaker Series & Banquet** **Monday, 8:00 pm–9:30 pm**

Tower Building, Second Level, Tower Court D

*This is a ticketed event. The cost to attend is \$70.*

*Chris Policinski  
President and CEO, Land O’Lakes, Inc.  
“The Great Productivity Story of American Agriculture”*



### **Extension Section Speaker Series & Luncheon** **Monday, 12:00 pm–1:30 pm**

Tower Building, Terrace Level, Columbine Room

*This is a ticketed event. The cost to attend is \$45.*

*Alan Barkema  
Senior Vice President and Director of Research, Federal Reserve Bank of Kansas City  
“What’s Next? Prospects for the Economy and Agriculture”*



### **International Speaker Series & Banquet** **Monday, 8:00 pm–9:30 pm**

Tower Building, Second Level, Tower Court B

*This is a ticketed event. The cost to attend is \$70.*

*Karen Brooks  
Africa Region Agricultural Programs Manager, World Bank  
“African Agriculture—What Do We Not Know? What Do We Need to Know?”*

### **CAES Awards Dinner & Banquet** **Monday, 6:30 pm–9:30 pm**

Tower Building, Second Level, Windows Room

*This is a ticketed event. The cost to attend is \$70.*

### **WAEA Luncheon and Recognition of Industry Alumni** **Tuesday, 12:00 pm–1:30 pm**

Tower Building, Majestic Level, Vail Room

*This is a ticketed event. The cost to attend is \$20.*

## REUNIONS & RECEPTIONS

### **Monday, 9:00 pm–11:00 pm**

*Plaza Building, Concourse Level*

**Economic Research Service, U.S. Department of Agriculture**  
*Governor’s Square 14*

**Giannini Foundation—University of California, Davis & University of California, Berkeley**  
*Governor’s Square 9*

**Iowa State University**  
*Plaza Court 4*

**Kansas State University, University of Missouri, University of Nebraska, & Oklahoma State University**  
*Governor’s Square 10*

**Louisiana State University, University of Arkansas, Mississippi State University, Auburn University, Clemson University, & University of Georgia**  
*Governor’s Square 12*

**Michigan State University**  
*Governor’s Square 8*

**North Carolina State University & University of Maryland**  
*Governor’s Square 17*

**Penn State University & Cornell University**  
*Governor’s Square 6*

**Purdue University**  
*Plaza Court 1*

**Texas A&M University, Agricultural Economics**  
*Governor’s Square 11*

**The Ohio State University, Department of Agricultural, Environmental and Development Economics**  
*Governor’s Square 15*

**University of Florida & University of Kentucky**  
*Plaza Court 2*

**University of Illinois**  
*Plaza Court 3*

**University of Minnesota & University of Wisconsin**  
*Governor’s Square 7*

**Washington State University, Oregon State University, & University of Idaho**  
*Governor’s Square 16*

## AAEA SECTION EVENTS & ACTIVITIES

### Agribusiness Economics and Management Section (AEM)

#### AEM Section Business Meeting

Sunday, 10:00 am–11:30 am

*Tower Building, Mezzanine Level, Colorado Room*

#### Industry & International Reception

Monday, 7:30 pm–8:00 pm

*Tower Building, Second Level, Tower Court Foyer*

#### Industry Speaker Series & Banquet

Monday, 8:00 pm–9:30 pm

*Tower Building, Second Level, Tower Court D*

#### AEM Track Sessions

- 1001 Continuing the Tradition: Employing Tested and Emerging Economic Tools in Framing Sustainability Challenges for a Global Economy
- 2015 Agribusiness Economics and Management: 100 Years of Professional Contributions (Centennial Session)
- 2045 Performance Implications of Sustainability Initiatives in Agri-food Companies
- 3003 The Nascent Bioeconomy for Industrial Markets: Green Goes from Plant Material to Spandex
- 3045 New Advances in the Cooperative Life Cycle Framework
- 3058 Current Agribusiness Policy Issues
- 3074 How Health Is Changing the Dynamics of Food Innovation
- 3100 Alerting All Entrepreneurs! Research on Ethical Awareness and Entrepreneurial Behavior

### Applied Risk Analysis Section (ARA)

#### ARA Section Business Meeting

Sunday, 12:00 pm–1:00 pm

*Tower Building, Mezzanine Level, Silver Room*

#### ARA Section Track Sessions

- 1011 Copulas: How to Better Model Dependent Random Variables
- 2025 Managing Risk through Livestock Disease Policy
- 3012 Risk Issues at the Interface of Extension and Research
- 3097 New Developments in Crop Insurance and Their Implications for 2010 and Beyond

### China Section

#### China Section Business Meeting

Sunday, 1:00 pm–2:00 pm

*Tower Building, Mezzanine Level, Spruce Room*

#### China Section Track Sessions

- 1014 Chinese Agricultural Commodity Price and Demand, and Their Implications to Trade with United States
- 3014 Green, Blue, and Brown: Assessing the State of the Economics of Forests, Water, and Grass in Rural China

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

#### COSBAE Business Meeting

Sunday, 12:00 pm–1:30 pm

*Tower Building, Mezzanine Level, Century Room*

#### COSBAE Reception

Sunday, 5:30 pm–6:30 pm

*Tower Building, Mezzanine Level, Spruce Room*

#### COSBAE/CWAE Speaker Series & Luncheon

Monday, 12:00 pm–1:30 pm

*Tower Building, Second Level, Windows Room*

#### COSBAE Track Sessions

- 2016 Examining the Effects of Trade Policies Applied to Horticultural Markets
- 2046 Agricultural Development Challenges: Lessons from Africa and the Caribbean
- 2071 Where Do Agricultural Economists Fit in the Local Food Movement?
- 3070 Emerging and Current Issues in Agricultural Biotechnology

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

#### CWAE Business Meeting

Sunday, 11:00 am–12:00 pm

*Tower Building, Mezzanine Level, Gold Room*

#### CWAE Reception

Sunday, 5:30 pm–6:30 pm

*Tower Building, Mezzanine Level, Gold Room*

#### COSBAE/CWAE Speaker Series & Luncheon

Monday, 12:00 pm–1:30 pm

*Tower Building, Second Level, Windows Room*

#### CWAE Track Sessions

- 1001 Continuing the Tradition: Employing Tested and Emerging Economic Tools in Framing Sustainability Challenges for a Global Economy
- 2045 Performance Implications of Sustainability Initiatives in Agri-food Companies
- 3001 Teaching on a Tight Budget: What Do We Do with More Students and Less Resources?
- 3044 Women in Agricultural Economics: A Centennial Celebration
- 3070 Emerging and Current Issues in Agricultural Biotechnology

### Community Economics Network (CENET)

#### CENET Business Meeting

Sunday, 10:00 am–11:30 am

*Tower Building, Mezzanine Level, Spruce Room*

#### CENET Track Sessions

- 1002 Jobs, the Rural Economy, and Economic Recovery
- 3041 A Century of Research on Rural Development and Regional Issues (Centennial Session)
- 3071 Exploring the Interface between Local Food Systems and Community Economics

## AAEA SECTION EVENTS & ACTIVITIES

### Econometrics Section

#### Econometrics Section Business Meeting

Sunday, 9:00 am–10:00 am

*Plaza Building, Lobby Level, Director's Row E*

#### Econometrics Section Track Sessions

- 1011 Copulas: How to Better Model Dependent Random Variables
- 2042 Propensity Score Matching: Learning How and When to Use This Technique
- 3011 Fifty Years of Choice Modeling
- 3096 Econometric Developments in Agricultural and Resource Economics: The First 100 Years (Centennial Session)

### Extension Section

#### Graduate Student Extension Competition

Sunday, 8:00 am–3:00 pm

*Tower Building, Second Level, Tower Court D*

#### Extension Section Business Meeting

Sunday, 1:30 pm–3:00 pm

*Plaza Building, Concourse Level, Plaza Court 6*

#### Extension Section Reception

Sunday, 5:30 pm–6:30 pm

*Tower Building, Mezzanine Level, Century Room*

#### Extension Section Speaker Series & Luncheon

Monday, 12:00 pm–1:30 pm

*Tower Building, Terrace Level, Columbine Room*

#### Post-conference Tour: Extension Agricultural Education Tour

Wednesday, 7:00 am–7:00 pm

*Plaza Building, Lobby Level, Hotel Lobby*

#### Extension Section Track Sessions

- 1006 USDA/Land Grant Extension Outlook Program and Role of Farm Management (Centennial Session)
- 2022 Washington Policy Update by Chief Economists from the House and Senate Agriculture Committees and the USDA-Farm Service Agency
- 2032 The Land Grant Vision of Extension's Future
- 2063 Greenhouse Gas Markets and Agriculture
- 3012 Risk Issues at the Interface of Extension and Research
- 3030 Graduate Student Competition in Extension—Winners' Presentations
- 3075 Extension Section Crops Outlook
- 3101 Livestock Outlook

### Food and Agricultural Marketing Policy Section (FAMPS)

#### Pre-conference Workshop: Behavioral and Experimental Economics, Food, and Health

Saturday, 8:30 am–5:30 pm

*Plaza Building, Concourse Level, Governor's Square 14*

#### FAMPS Business Meeting

Sunday, 8:00 am–10:00 am

*Tower Building, Mezzanine Level, Colorado Room*

#### FAMPS Track Sessions

- 2016 Examining the Effects of Trade Policies Applied to Horticultural Markets
- 2043 Centennial Overview of Food and Agricultural Marketing Policy Issues (Centennial Session)
- 3002 New Evidence on the Structure of Agricultural and Food Markets
- 3072 Policy Responses to Instability in Agricultural Markets: Retrospect and Prospect (Centennial Session)
- 3085 Policy Issues Affecting Food and Agribusinesses
- 3088 Climate Change Legislation: Food Sector Impacts

### Food Safety and Nutrition Section (FSN)

#### Pre-conference Workshop: Behavioral and Experimental Economics, Food, and Health

Saturday, 8:30 am–5:30 pm

*Plaza Building, Concourse Level, Governor's Square 14*

#### FSN Section Business Meeting

Tuesday, 7:00 am–8:30 am

*Tower Building, Second Level, Windows Room*

#### FSN Section Track Sessions

- 1003 Evaluation—Measuring the Impact of Food Safety and Nutrition Policy
- 2001 Healthy Food or Healthy People? How Do Food and Nutrition Assistance Programs Contribute to the Health of Low Income Americans?
- 2061 The Second Century of Food and Consumer Economics: What Will Be Remembered in 2110? (Centennial Session)
- 3015 Behavioral Economics Research Approaches: Innovative Applications in Nutrition and Food Safety
- 3074 How Health Is Changing the Dynamics of Food Innovation
- 3098 Promoting Food Choice and Health for Children: Political, Economic, and Behavioral Aspects

## AAEA SECTION EVENTS & ACTIVITIES

### Graduate Student Section (GSS)

#### Graduate Student Extension Competition

Sunday, 8:00 am–3:00 pm

*Tower Building, Second Level, Tower Court D*

#### GSS Case Study Competition

Sunday, 8:00 am–3:30 pm

*Tower Building, Second Level, Tower Court A, B, and C*

Monday, 1:30 pm–4:00 pm (Finals)

*Plaza Building, Lobby Level, Director's Row E and F*

#### GSS Business Meeting

Sunday, 12:00 pm–1:00 pm

*Tower Building, Mezzanine Level, Colorado Room*

#### GSS Reception

Sunday, 5:30 pm–6:30 pm

*Tower Building, Mezzanine Level, Denver Room*

#### GSS Track Sessions

- 2030 Navigating Article Writing and the Publishing Process
- 2031 How to Give a Presentation: Research, Extension, and Teaching
- 2059 How to Survive Graduate School
- 3030 Graduate Student Competition in Extension—Winners' Presentations
- 3084 How Graduate School Prepared Me for a Career in Industry

### Institutional and Behavioral Economics Section (IBES)

#### IBES Business Meeting

Monday, 12:00 pm–1:00 pm

*Plaza Building, Concourse Level, Plaza Court 4*

#### IBES Track Sessions

- 2004 Advances in Transaction Cost Measurement for Environmental and Natural Resources Policy
- 2073 Moving Beyond Self-interest in Economic Choice: Further Tests of Social Capital and Dual Interests Theory
- 3015 Behavioral Economics Research Approaches: Innovative Applications in Nutrition and Food Safety
- 3042 A Common Nobel Legacy: Exploring the Intellectual Foundations and Future Implications of the Work of Oliver Williamson and Elinor Ostrom
- 3100 Alerting All Entrepreneurs! Research on Ethical Awareness and Entrepreneurial Behavior

### International Section

#### International Section Business Meeting

Sunday, 10:00 am–11:30 am

*Plaza Building, Lobby Level, Director's Row E*

#### Industry & International Reception

Monday, 7:30 pm–8:00 pm

*Tower Building, Second Level, Tower Court Foyer*

#### International Speaker Series & Banquet

Monday, 8:00 pm–9:30 pm

*Tower Building, Second Level, Tower Court B*

#### International Section Track Sessions

- 2013 Has the WTO Constrained Domestic Support Policies?
- 2033 The Contribution of Agricultural Economists to the Understanding of International Trade (Centennial Session)
- 2062 Food Consumption Trends in Urban China, Implications for International Agricultural Markets
- 3031 The Contribution of Agricultural Economics to the Understanding of International Economic Development (Centennial Session)
- 3032 Food, Fuel, and Forest: Climate Change and Land Use Issues in the 21st Century
- 3061 Exchange Rates, Prices, and Agricultural Trade: What Have We Learned?
- 3087 Climate Change and Agriculture: Impacts, Adaptation, and Mitigation

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

#### NAAEA Business Meeting

Sunday, 10:00 am–12:00 pm

*Tower Building, Mezzanine Level, Silver Room*

### Senior Section

#### Senior Section Business Meeting

Monday, 7:30 am–8:30 am

*Tower Building, Second Level, Windows Room*

#### Senior Section Track Sessions

- 1005 What Is Next for NAFTA: Unresolved Issues
- 1006 USDA/Land Grant Extension Outlook Program and Role of Farm Management (Centennial Session)
- 2003 Ever Changing AAEA Research Challenges (Centennial Session)
- 2032 The Land Grant Vision of Extension's Future
- 2063 Greenhouse Gas Markets and Agriculture
- 3086 Outstanding Intellectual Contributions by Agricultural Economists

## AAEA SECTION EVENTS & ACTIVITIES

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

#### Pre-conference Workshop: 2010 Teaching Academy—The Use of Simulations to Stimulate Student Learning and Engagement

Saturday, 10:00 am–5:00 pm

*Plaza Building, Concourse Level, Governor's Square 10*

#### TLC Section Business Meeting

Sunday, 12:00 pm–1:00 pm

*Plaza Building, Lobby Level, Director's Row E*

#### TLC Section Track Sessions

**2060** Teaching Tips from Top Teachers: 2009 AAEA Award Recipients

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

**3059** Teaching and Learning in the Work Place

**3060** New Curricular Initiatives: The Case of Undergraduate Programs in Resource/Environmental Economics

### Undergraduate Student Section (SS-AAEA)

#### Undergraduate Paper Competition

Sunday, 8:00 am–12:00 pm

*Plaza Building, Concourse Level, Plaza Court 6*

#### SS-AAEA Academic Bowl

Sunday, 12:30 pm–1:30 pm (Orientation); 2:00 pm–5:00 pm

*Plaza Building, Lobby Level, Director's Row H, I, and J*

Monday, 7:00 am–4:00 pm; 5:30 pm–6:00 pm (Finals)

*Plaza Building, Concourse Level, Plaza Ballroom ABC*

#### Undergraduate Recruitment Fair

Sunday, 2:00 pm–5:00 pm

Monday, 7:00 am–4:00 pm

*Plaza Building, Lobby Level, Director's Row Foyer*

#### SS-AAEA Business Meeting

Monday, 8:00 pm–9:00 pm

*Plaza Building, Concourse Level, Plaza Court 5*

#### SS-AAEA Mixer

Monday, 9:00 pm–11:00 pm

*Plaza Building, Concourse Level, Plaza Court 5*

## AAEA CENTENNIAL CELEBRATION



### An AAEA Centennial Retrospective, Featuring Paul W. Barkley and an AAEA Historical Video

Sunday, 4:30 pm–5:30 pm

*Plaza Building, Concourse Level, Plaza Ballroom ABC*

### Welcome Reception

Sunday, 8:00 pm–12:00 am

*Tower Building, Second Level, Grand Ballroom I & I*

### Closing Reception

Tuesday, 7:00 pm–8:30 pm

*Plaza Building, Concourse Level, Plaza Ballroom Foyer*

### On display throughout the meeting

#### AAEA Historical Timeline Panels

*Plaza Building, Concourse Level, Plaza Ballroom Foyer*

#### Tabletop Displays from AAEA Centennial Patrons

*Plaza Building, Concourse Level, Plaza Ballroom Foyer*

### AAEA Concurrent Sessions Based on Articles from the Special Centennial Issue of *AJAE*

- 1006** USDA/Land Grant Extension Outlook Program and Role of Farm Management
- 2003** Ever Changing AAEA Research Challenges
- 2015** Agribusiness Economics and Management: 100 Years of Professional Contributions
- 2033** The Contribution of Agricultural Economists to the Understanding of International Trade
- 2043** Centennial Overview of Food and Agricultural Marketing Policy Issues
- 2061** The Second Century of Food and Consumer Economics: What Will Be Remembered in 2110?
- 3010** AAEA Centennial: Environmental and Resource Economics
- 3031** The Contribution of Agricultural Economics to the Understanding of International Economic Development
- 3041** A Century of Research on Rural Development and Regional Issues
- 3072** Policy Responses to Instability in Agricultural Markets: Retrospect and Prospect
- 3096** Econometric Developments in Agricultural and Resource Economics: The First 100 Years

## AAEA CENTENNIAL COMMITTEE MEMBERS

Alexander F. McCalla (Chair), University of California, Davis

Ron Mittelhammer, Washington State University

Walter J. Armbruster, Farm Foundation, President Emeritus

Paul W. Barkley, Oregon State University

Jon A. Brandt, North Carolina State University

Stephen R. Crutchfield, USDA-Economic Research Service

Jean Kinsey, University of Minnesota

Philip G. Pardey, University of Minnesota

Sarahelen Thompson, USDA-Economic Research Service

## MEETING SCHEDULE

### Friday, July 23

All day (starting at 7:00 am)

**Pre-conference Tour: Energy Development, Environment, and Communities—A Tour of Energy Development in Colorado and Wyoming**

*Plaza Building, Lobby Level, Hotel Lobby*

### Saturday, July 24

**Registration Desk Hours: 4:00 pm–7:00 pm**

All day (returning at 9:00 pm)

**Pre-conference Tour: Energy Development, Environment, and Communities—A Tour of Energy Development in Colorado and Wyoming**

*Plaza Building, Lobby Level, Hotel Lobby*

8:30 am–5:30 pm

**Pre-conference Workshop: Behavioral and Experimental Economics, Food, and Health**

*Plaza Building, Concourse Level, Governor's Square 14*

10:00 am–5:00 pm

**Pre-conference Workshop: 2010 Teaching Academy—The Use of Simulations to Stimulate Student Learning and Engagement**

*Plaza Building, Concourse Level, Governor's Square 10*

12:30 pm–7:00 pm

**Pre-conference Workshop: Agribusiness Markets and Trade—Results of Funded Projects**

*Plaza Building, Concourse Level, Governor's Square 15*

4:00 pm–6:00 pm

**AJAE Editors Strategy Meeting**

*Plaza Building, Lobby Level, Director's Row F*

### Sunday, July 25

**Registration Desk Hours: 8:00 am–7:00 pm**

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

8:00 am–10:00 am

**FAMPS Business Meeting**

*Tower Building, Mezzanine Level, Colorado Room*

8:00 am–12:00 pm

**Undergraduate Student Section Paper Competition**

*Plaza Building, Concourse Level, Plaza Court 6*

8:00 am–3:00 pm

**AEPP Strategy Meeting**

*Plaza Building, Lobby Level, Director's Row G*

8:00 am–3:00 pm

**Graduate Student Extension Competition**

*Tower Building, Second Level, Tower Court D*

8:00 am–3:30 pm

**GSS Case Study Competition**

*Tower Building, Second Level, Tower Court A, B, and C*

9:00 am–10:00 am

**Econometrics Section Business Meeting**

*Plaza Building, Lobby Level, Director's Row E*

9:30 am–10:30 am

**Employment Services Committee Meeting**

*Plaza Building, Concourse Level, Plaza Ballroom F*

## MEETING SCHEDULE

### Sunday, July 25, continued

10:00 am–11:00 am

**AEPP Development Task Force Meeting**  
*Tower Building, Mezzanine Level, Gold Room*

10:00 am–11:00 am

**Communications/Publications Committee Meeting**  
*Tower Building, Mezzanine Level, Century Room*

10:00 am–11:30 am

**AEM Section Business Meeting**  
*Tower Building, Mezzanine Level, Colorado Room*

10:00 am–11:30 am

**CENET Business Meeting**  
*Tower Building, Mezzanine Level, Spruce Room*

10:00 am–11:30 am

**International Section Business Meeting**  
*Plaza Building, Lobby Level, Director's Row E*

10:00 am–12:00 pm

**NAAEA Business Meeting**  
*Tower Building, Mezzanine Level, Silver Room*

10:00 am–1:00 pm

**AJAE Editors Meeting**  
*Plaza Building, Lobby Level, Director's Row F*

11:00 am–12:00 pm

**CWAE Business Meeting**  
*Tower Building, Mezzanine Level, Gold Room*

12:00 pm–1:00 pm

**AAEA Trust Committee Meeting**  
*Tower Building, Mezzanine Level, Aspen Room*

12:00 pm–1:00 pm

**ARA Section Business Meeting**  
*Tower Building, Mezzanine Level, Silver Room*

12:00 pm–1:00 pm

**GSS Business Meeting**  
*Tower Building, Mezzanine Level, Colorado Room*

12:00 pm–1:00 pm

**Selected Presentations Committee Meeting**  
*Tower Building, Mezzanine Level, Gold Room*

12:00 pm–1:00 pm

**TLC Section Business Meeting**  
*Tower Building, Lobby Level, Director's Row E*

12:00 pm–1:30 pm

**COSBAE Business Meeting**  
*Tower Building, Mezzanine Level, Century Room*

12:30 pm–1:30 pm

**SS-AAEA Academic Bowl Orientation**  
*Plaza Building, Concourse Level, Plaza Ballroom ABC*

1:00 pm–2:00 pm

**China Section Business Meeting**  
*Tower Building, Mezzanine Level, Spruce Room*

## MEETING SCHEDULE

### Sunday, July 25, continued

1:00 pm–2:00 pm

**Outreach Committee Meeting**

*Tower Building, Mezzanine Level, Aspen Room*

1:00 pm–4:00 pm

**CAES Executive Meeting**

*Tower Building, Mezzanine Level, Denver Room*

1:30 pm–2:30 pm

**AJAE Editorial Board Meeting**

*Plaza Building, Lobby Level, Director's Row F*

1:30 pm–3:00 pm

**Extension Section Business Meeting**

*Plaza Building, Concourse Level, Plaza Court 6*

2:00 pm–3:00 pm

**Membership Committee Meeting**

*Tower Building, Mezzanine Level, Aspen Room*

2:00 pm–5:00 pm

**SS-AAEA Academic Bowl**

*Plaza Building, Lobby Level, Director's Row H, I, and J*

2:00 pm–5:00 pm

**Undergraduate Recruitment Fair**

*Plaza Building, Lobby Level, Director's Row Foyer*

2:30 pm–3:30 pm

**Related Journals Editors Meeting**

*Plaza Building, Lobby Level, Director's Row F*

3:00 pm–4:30 pm

**AAEA Concurrent Sessions**

- 1001** Continuing the Tradition: Employing Tested and Emerging Economic Tools in Framing Sustainability Challenges for a Global Economy  
*Plaza Court 1*
- 1002** Jobs, the Rural Economy, and Economic Recovery  
*Plaza Court 2*
- 1003** Evaluation—Measuring the Impact of Food Safety and Nutrition Policy  
*Plaza Court 3*
- 1004** Deep Water Horizon Oil Spill: Perspectives on Research and Extension Needs  
*Plaza Court 4*
- 1005** What Is Next for NAFTA: Unresolved Issues  
*Plaza Court 5*
- 1006** USDA/Land Grant Extension Outlook Program and Role of Farm Management  
*Plaza Court 6*
- 1007** Agricultural Economic Statistics: A Century of Contributions to Data Development and an Academic Profile of the Profession  
*Governor's Square 9*

- 1008** Risk Management in the Light of the Changing CAP  
*Governor's Square 10*
- 1009** Are Historical Estimates of Food Demand in China Good Guides to Future Demand?  
*Governor's Square 11*
- 1010** Quantifying the Determinants of Land Values: The Impacts of Irrigation, Recreational Amenities, and Off-farm Income  
*Governor's Square 12*
- 1011** Copulas: How to Better Model Dependent Random Variables  
*Governor's Square 14*
- 1012** Border Inspections and Import Refusals in Agri-food Trade: Issues and Empirical Evidence  
*Governor's Square 15*
- 1013** *Applied Economic Perspectives and Policy: Lessons Learned in the First Year and a Forecast for the Future*  
*Governor's Square 16*
- 1014** Chinese Agricultural Commodity Price and Demand, and Their Implications to Trade with United States  
*Governor's Square 17*



## MEETING SCHEDULE

### Sunday, July 25, continued

4:30 pm–5:30 pm

**An AAEA Centennial Retrospective, Featuring Paul W. Barkley and an AAEA Historical Video**  
*Plaza Building, Concourse Level, Plaza Ballroom ABC*

5:30 pm–6:30 pm

**COSBAE Reception**  
*Tower Building, Mezzanine Level, Spruce Room*

5:30 pm–6:30 pm

**CWAE Reception**  
*Tower Building, Mezzanine Level, Gold Room*

5:30 pm–6:30 pm

**Extension Section Reception**  
*Tower Building, Mezzanine Level, Century Room*

5:30 pm–6:30 pm

**GSS Reception**  
*Tower Building, Mezzanine Level, Denver Room*

5:30 pm–6:30 pm

**Association Roundtable**  
*Plaza Building, Lobby Level, Director's Row E*

7:00 pm–8:00 pm

**Keynote Address**  
*Plaza Building, Concourse Level, Plaza Ballroom ABC*

8:00 pm–12:00 am

**Welcome Reception**  
*Tower Building, Second Level, Grand Ballroom I & II*



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AAEA Trust today at  
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## MEETING SCHEDULE

### Monday, July 26

**Registration Desk Hours:** 7:00 am–5:00 pm

**Employment Center Hours:** 9:30 am–5:00 pm

**Grants Center Hours:** 3:00 pm–4:00 pm

**Poster Hall Hours:** 12:00 pm–4:00 pm

7:00 am–9:30 am

#### Continental Breakfast for All Meeting Attendees

*Plaza Building, Concourse Level, Plaza Ballroom Foyer*

7:00 am–4:00 pm

#### SS-AAEA Academic Bowl

*Plaza Building, Lobby Level, Director's Row H, I, and J*

7:00 am–4:00 pm

#### Undergraduate Recruitment Fair

*Plaza Building, Lobby Level, Director's Row Foyer*

7:30 am–8:30 am

#### Section Leader Meeting

*Plaza Building, Lobby Level, Director's Row E*

7:30 am–8:30 am

#### Senior Section Business Meeting

*Tower Building, Second Level, Windows Room*

8:30 am–9:00 am

#### AAEA Business Meeting

*Plaza Building, Concourse Level, Plaza Ballroom ABC*

9:00 am–10:00 am

#### AAEA Presidential Address

*Plaza Building, Concourse Level, Plaza Ballroom ABC*

10:15 am–11:45 am

#### AAEA & CAES Concurrent Sessions

##### AAEA Sessions

- 2001** Healthy Food or Healthy People? How Do Food and Nutrition Assistance Programs Contribute to the Health of Low Income Americans?  
*Plaza Court 1*
- 2002** U.S. Agricultural Trade  
*Plaza Court 2*
- 2003** Ever Changing AAEA Research Challenges  
*Plaza Court 3*
- 2004** Advances in Transaction Cost Measurement for Environmental and Natural Resources Policy  
*Plaza Court 4*
- 2005** Farm Diversification and Farm Management  
*Plaza Court 5*
- 2006** Vertical Relationships, Contracts, and Business Growth  
*Plaza Court 6*
- 2007** Individual Decision Biases, Consumer Choice, and Policy Preferences  
*Plaza Court 7*
- 2008** Comparison of Valuation Methods in Resource Management  
*Plaza Court 8*

- 2009** Advances in Nonmarket Valuation  
*Governor's Square 9*
- 2010** Climate Change and Agriculture  
*Governor's Square 10*
- 2011** Making Local and Regional Food Systems Successful  
*Governor's Square 11*
- 2012** Vertical Coordination in the Evolving High Quality Beef Market  
*Governor's Square 12*
- 2013** Has the WTO Constrained Domestic Support Policies?  
*Governor's Square 14*
- 2014** Methodological Developments and Issues in Experimental Auctions  
*Governor's Square 15*
- 2015** Agribusiness Economics and Management: 100 Years of Professional Contributions  
*Governor's Square 16*
- 2016** Examining the Effects of Trade Policies Applied to Horticultural Markets  
*Governor's Square 17*

## MEETING SCHEDULE

### Monday, July 26, continued

- 2017 Consumer Preference, Marketing, and Brand Choice of Beef Products  
*Beverly Room*
- 2018 Biofuel Policy  
*Century Room*
- 2019 Rural Development Policy Session  
*Colorado Room*
- 2020 Crop Insurance  
*Denver Room*
- 2021 Agricultural Productivity, Technology Adoption, and Markets  
*Gold Room*
- 2022 Washington Policy Update by Chief Economists from the House and Senate Agriculture Committees and the USDA-Farm Service Agency  
*Silver Room*
- 2023 Demand for Fruits and Fresh Vegetables  
*Spruce Room*

- 2024 Efficiency, Ethanol, and Trade-offs between Energy and Environmental Goods  
*Terrace Room*
- 2025 Managing Risk through Livestock Disease Policy  
*Capitol Room*
- 2030 Navigating Article Writing and the Publishing Process  
*Director's Row E*

#### CAES Sessions

- 2026 Agricultural Finance and Farm Management  
*Tower Court A*
- 2027 Nonmarket Valuation of Ecological Goods and Food Attributes  
*Tower Court B*
- 2028 Food Safety  
*Tower Court C*
- 2029 Food and Agricultural Policy Analysis  
*Tower Court D*

12:00 pm–1:00 pm

#### IBES Business Meeting

*Plaza Building, Concourse Level, Plaza Court 4*

12:00 pm–1:30 pm

#### COSBAE/CWAE Speaker Series & Luncheon

*Tower Building, Second Level, Windows Room*

12:00 pm–1:30 pm

#### Extension Section Speaker Series & Luncheon

*Tower Building, Terrace Level, Columbine Room*

1:30 pm–3:00 pm

#### AAEA & CAES Concurrent Sessions

##### AAEA Sessions

- 2031 How to Give a Presentation: Research, Extension, and Teaching  
*Plaza Court 1*
- 2032 The Land Grant Vision of Extension's Future  
*Plaza Court 2*
- 2033 The Contribution of Agricultural Economists to the Understanding of International Trade  
*Plaza Court 3*
- 2034 The Feasibility and Economics of Biofuels  
*Plaza Court 4*
- 2035 Agricultural Labor  
*Plaza Court 5*
- 2036 Experiments, Information, and Choice  
*Plaza Court 6*
- 2037 Marketing and Consumer Preference for Sustainable Agricultural Products  
*Plaza Court 7*
- 2038 Research Methods and Data Issues—Fitting the Procedure to the Process  
*Plaza Court 8*
- 2039 Conservation and Ecosystem Services  
*Governor's Square 9*
- 2040 Topics in Environmental Economics  
*Governor's Square 10*

- 2041 Applying Household Scanner Data to Food and Nutrition Economics Research  
*Governor's Square 11*
- 2042 Propensity Score Matching: Learning How and When to Use This Technique  
*Governor's Square 12*
- 2043 Centennial Overview of Food and Agricultural Marketing Policy Issues  
*Governor's Square 14*
- 2044 Effects of Biofuel Mandates in a Context of Ethanol Demand Constraints, Cellulosic Biofuel Costs, and Compliance Mechanisms  
*Governor's Square 15*
- 2045 Performance Implications of Sustainability Initiatives in Agri-food Companies  
*Governor's Square 16*
- 2046 Agricultural Development Challenges: Lessons from Africa and the Caribbean  
*Governor's Square 17*
- 2047 Risk and Uncertainty  
*Beverly Room*
- 2048 Rural Labor and Land Markets  
*Century Room*

## MEETING SCHEDULE

### Monday, July 26, continued

- 2049 Economic Value of Invasive Species Management: Proactive Management and Extreme Policies  
*Colorado Room*
- 2050 Public Policy, Health, and Food  
*Denver Room*
- 2051 Empirical Poverty Analysis  
*Gold Room*
- 2052 Labeling and Geographic Indications  
*Silver Room*
- 2053 Product Differentiation  
*Spruce Room*

- 2054 Crop Insurance  
*Terrace Room*

#### CAES Sessions

- 2055 Nutrition and Food Safety  
*Tower Court A*
- 2056 Dynamics of Farm Household Income and Investments in Cooperatives  
*Tower Court B*
- 2057 Water Resource Management  
*Tower Court C*
- 2058 Farm-level Models for Policy Development  
*Tower Court D*

1:30 pm–4:00 pm

#### GSS Case Study Finals

*Plaza Building, Lobby Level, Director's Row E and F*

3:00 pm–4:00 pm

#### AAEA Attended Poster Session

*Plaza Building, Concourse Level, Plaza Ballroom DE  
(see pages 25–37)*

3:00 pm–4:00 pm

#### CAES Attended Poster Session

*Plaza Building, Concourse Level, Plaza Ballroom DE  
(see page 37)*

4:00 pm–5:30 pm

#### AAEA & CAES Concurrent Sessions

##### AAEA Sessions

- 2059 How to Survive Graduate School  
*Plaza Court 1*
- 2060 Teaching Tips from Top Teachers: 2009 AAEA Award Recipients  
*Plaza Court 2*
- 2061 The Second Century of Food and Consumer Economics: What Will Be Remembered in 2110?  
*Plaza Court 3*
- 2062 Food Consumption Trends in Urban China, Implications for International Agricultural Markets  
*Plaza Court 4*
- 2063 Greenhouse Gas Markets and Agriculture  
*Plaza Court 5*
- 2064 Invasive Species and Pest Management  
*Plaza Court 6*
- 2065 Financial Performance of Institutions and Households  
*Plaza Court 7*
- 2066 Farmland Valuation Issues  
*Plaza Court 8*
- 2067 Advances in Renewable Resource Economics and Management  
*Governor's Square 9*
- 2068 Agricultural and Applied Economics Research: What Makes It Relevant for Policy Advice?  
*Governor's Square 10*

- 2069 Integrating Health, Nutrition, and Food Systems: Rethinking Malnutrition Reduction  
*Governor's Square 11*
- 2070 Genetically Modified Food and Global Welfare—I  
*Governor's Square 12*
- 2071 Where Do Agricultural Economists Fit in the Local Food Movement?  
*Governor's Square 14*
- 2072 Consumer-driven Changes in Food Marketing Channels: Organics and Sustainable Food Systems in the United States  
*Governor's Square 15*
- 2073 Moving Beyond Self-interest in Economic Choice: Further Tests of Social Capital and Dual Interests Theory  
*Governor's Square 16*
- 2074 Econometric Examinations of Agricultural Productivity and Technological Change  
*Beverly Room*
- 2075 Economics of Biofuels  
*Century Room*
- 2076 Econometric/Research Methods in Consumer Demand and Health Analysis  
*Colorado Room*
- 2077 Commercial Fisheries Management  
*Denver Room*

## MEETING SCHEDULE

### Monday, July 26, continued

- 2078 Climate Change Impacts on International Agriculture  
*Gold Room*
- 2079 The Gravity of Technical Trade Barriers  
*Silver Room*
- 2080 Food Safety and Consumers  
*Spruce Room*
- 2081 Institutional Analysis of Natural Resource and Renewable Fuels  
*Terrace Room*

#### CAES Sessions

- 2082 Milk Production and Marketing in Ontario  
*Tower Court A*
- 2083 Natural Resource and Environmental Policy Analysis  
*Tower Court B*
- 2084 Niche Marketing and Evolving Consumer Preferences  
*Tower Court C*
- 2085 Current Issues in Canadian Agri-food Trade, Sponsored by CATPRN  
*Tower Court D*

5:30 pm–6:00 pm

#### SS-AAEA Academic Bowl Finals

*Plaza Building, Concourse Level, Plaza Ballroom ABC*

6:00 pm–7:30 pm

#### AAEA Awards & Fellows Ceremony

*Plaza Building, Concourse Level, Plaza Ballroom ABC*

6:30 pm–9:30 pm

#### CAES Awards Dinner & Banquet

*Tower Building, Second Level, Windows Room*

7:30 pm–8:00 pm

#### Industry & International Reception

*Tower Building, Second Level, Tower Court Foyer*

8:00 pm–9:00 pm

#### SS-AAEA Business Meeting

*Plaza Building, Concourse Level, Plaza Court 5*

8:00 pm–9:30 pm

#### Industry Speaker Series & Banquet

*Tower Building, Second Level, Tower Court D*

8:00 pm–9:30 pm

#### International Speaker Series & Banquet

*Tower Building, Second Level, Tower Court B*

9:00 pm–11:00 pm

#### Reunions & Receptions

*Plaza Building, Concourse Level  
(see page 7)*

9:00 pm–11:00 pm

#### SS-AAEA Mixer

*Plaza Building, Concourse Level, Plaza Court 5*

## MEETING SCHEDULE

Tuesday, July 27

**Registration Desk Hours:** 7:00 am–4:00 pm

**Employment Center Hours:** 9:30 am–5:00 pm

**Grants Center Hours:** 3:00 pm–4:00 pm

**Poster Hall Hours:** 12:00 am–4:00 pm

7:00 am–8:30 am

### FSN Section Business Meeting

*Tower Building, Second Level, Windows Room*

7:00 am–8:30 am

### WAEA Breakfast & Awards Program

*Tower Building, Majestic Level, Vail Room*

7:00 am–9:30 am

### Continental Breakfast for All Meeting Attendees

*Plaza Building, Concourse Level, Plaza Ballroom Foyer*

8:00 am–9:30 am

### AAEA & CAES Concurrent Sessions

#### AAEA Sessions

- 3001 Teaching on a Tight Budget: What Do We Do with More Students and Less Resources?  
*Plaza Court 1*
- 3002 New Evidence on the Structure of Agricultural and Food Markets  
*Plaza Court 2*
- 3003 The Nascent Bioeconomy for Industrial Markets: Green Goes from Plant Material to Spandex  
*Plaza Court 3*
- 3004 Price Analysis and Carbon Management  
*Plaza Court 4*
- 3005 Inferring WTP from Demand Estimates  
*Plaza Court 5*
- 3006 Retail Strategies  
*Plaza Court 6*
- 3007 Food, Health, and Households  
*Plaza Court 7*
- 3008 High Calorie Food Policies  
*Plaza Court 8*
- 3009 COSBAE's Role and Legacy of Achievements within AAEA  
*Governor's Square 10*
- 3010 AAEA Centennial: Environmental and Resource Economics  
*Governor's Square 11*
- 3011 Fifty Years of Choice Modeling  
*Governor's Square 12*
- 3012 Risk Issues at the Interface of Extension and Research  
*Governor's Square 14*
- 3013 Trade Liberalization, Climate Change Policies, and the Environment: The Growing Interaction and Impact  
*Governor's Square 15*

- 3014 Green, Blue, and Brown: Assessing the State of the Economics of Forests, Water, and Grass in Rural China  
*Governor's Square 16*
- 3015 Behavioral Economics Research Approaches: Innovative Applications in Nutrition and Food Safety  
*Governor's Square 17*
- 3016 Renewable Fuels/Biofuels and Trade  
*Beverly Room*
- 3017 Spatial Analysis of Land Use and the Environment  
*Century Room*
- 3018 Childhood Nutrition and Health  
*Colorado Room*
- 3019 Contracts  
*Denver Room*
- 3020 Production Function  
*Gold Room*
- 3021 Transgenic Corn: Innovation and Adoption  
*Silver Room*
- 3022 Climate Change, Environment, and Trade  
*Spruce Room*
- 3023 Ecological and Biological Risks  
*Terrace Room*

#### CAES Sessions

- 3024 Agribusiness and Management  
*Tower Court A*
- 3025 The Economics of Biofuels and Biotechnology  
*Tower Court B*
- 3027 Market Power and Vertical Coordination Issues in Canadian Meat Sectors  
*Tower Court D*

## MEETING SCHEDULE

### Tuesday, July 27, continued

8:30 am–9:30 am

#### WAEA Concurrent Sessions

3028 Current Business Policy Issues  
*Director's Row E*

3029 Current Agribusiness and Food Business  
Policy Issues  
*Director's Row H*

9:45 am–11:15 am

#### AAEA, CAES, & WAEA Concurrent Sessions

##### AAEA Sessions

3030 Graduate Student Competition in Extension—  
Winners' Presentations  
*Plaza Court 1*

3031 The Contribution of Agricultural Economics to  
the Understanding of International Economic  
Development  
*Plaza Court 4*

3032 Food, Fuel, and Forest: Climate Change and  
Land Use Issues in the 21st Century  
*Plaza Court 3*

3033 Biofuel and Alternative Energy  
*Plaza Court 4*

3034 Health and Food Behavior  
*Plaza Court 5*

3035 Product Marketing, Strategy, and Pricing  
*Plaza Court 6*

3036 Input Policies  
*Plaza Court 7*

3037 Food Security  
*Plaza Court 8*

3038 Issues in Climate Change and Biofuels  
*Governor's Square 9*

3039 Genetically Modified Food and Welfare—II  
*Governor's Square 10*

3040 Production Costs for Energy Crops and Crop  
Residues  
*Governor's Square 11*

3041 A Century of Research on Rural Development  
and Regional Issues  
*Governor's Square 12*

3042 A Common Nobel Legacy: Exploring the Intel-  
lectual Foundations and Future Implications  
of the Work of Oliver Williamson and Elinor  
Ostrom  
*Governor's Square 14*

3043 Invited Paper Session Featuring Selected  
Case Studies  
*Governor's Square 15*

3044 Women in Agricultural Economics: A Centen-  
nial Celebration  
*Governor's Square 16*

3045 New Advances in the Cooperative Life Cycle  
Framework  
*Governor's Square 17*

3046 Agricultural Trade and International  
Development  
*Beverly Room*

3047 Price Risk Management in Agribusiness  
*Century Room*

3048 Climate Policy  
*Colorado Room*

3049 Water Quality, Quantity, and Policy  
*Denver Room*

3050 Credit, Insurance, and Economic Development  
*Gold Room*

3051 Private Provision of Ecosystem Services  
*Silver Room*

3052 Household Decision-making  
*Spruce Room*

3053 Market and Price Analysis of Agricultural  
Products in Asian Pacific Countries  
*Terrace Room*

##### CAES Sessions

3054 The Economics of Functional Foods  
*Tower Court A*

3055 Natural Resource Economics  
*Tower Court B*

3056 International Trade  
*Tower Court C*

3057 Long-term Agricultural Structural Change in  
the United States, Canada, and Brazil  
*Tower Court D*

##### WAEA Sessions

3058 Current Agribusiness Policy Issues  
*Director's Row E*

3059 Teaching and Learning in the Work Place  
*Director's Row H*

## MEETING SCHEDULE

### Tuesday, July 27, continued

11:30 am–12:30 pm

#### **AAEA Fellows Address**

*Plaza Building, Concourse Level, Plaza Ballroom ABC*

12:00 pm–1:30 pm

#### **WAEA Luncheon and Recognition of Industry Alumni**

*Tower Building, Majestic Level, Vail Room*

12:45 pm–1:30 pm

#### **How to Find a Job at the ASSA Meetings: Navigating the Labyrinth**

*Tower Building, Terrace Level, Columbine Room*

1:30 pm–3:00 pm

#### **AAEA & WAEA Concurrent Sessions**

##### **AAEA Sessions**

3060 New Curricular Initiatives: The Case of Undergraduate Programs in Resource/Environmental Economics  
*Plaza Court 1*

3061 Exchange Rates, Prices, and Agricultural Trade: What Have We Learned?  
*Plaza Court 2*

3062 Demand for Milk and Beverages  
*Plaza Court 3*

3063 Price Transmission  
*Plaza Court 4*

3064 Land Use and the Conservation Reserve Program  
*Plaza Court 5*

3065 Subsidy Incidence  
*Plaza Court 6*

3066 Firms and Food Safety  
*Plaza Court 7*

3067 Market Power  
*Plaza Court 8*

3068 Pollution Control and Voluntary Programs  
*Governor's Square 9*

3069 Dairy Market Volatility Causes and the Role of Policy  
*Governor's Square 10*

3070 Emerging and Current Issues in Agricultural Biotechnology  
*Governor's Square 11*

3071 Exploring the Interface between Local Food Systems and Community Economics  
*Governor's Square 12*

3072 Policy Responses to Instability in Agricultural Markets: Retrospect and Prospect  
*Governor's Square 14*

3073 Economic Implications of Imputation in Agricultural Economic Data  
*Governor's Square 15*

3074 How Health Is Changing the Dynamics of Food Innovation  
*Governor's Square 16*

3075 Extension Section Crops Outlook  
*Governor's Square 17*

3076 Land Valuation and Capital Structure Issues  
*Beverly Room*

3077 Spatial Dimensions of Invasive Species: Bio-economic Modeling Using Cellular Automata  
*Century Room*

3078 Applications of Experimental Methods  
*Colorado Room*

3079 Non-timber Determinants of Forest Management  
*Denver Room*

3080 Production Technology  
*Gold Room*

3081 Ecosystem Services and Resource Conservation  
*Silver Room*

3082 Biomass and Carbon Sequestration  
*Spruce Room*

3083 Enhancing Student Learning: Theory and Practice  
*Terrace Room*

##### **WAEA Sessions**

3084 How Graduate School Prepared Me for a Career in Industry  
*Director's Row E*

3085 Policy Issues Affecting Food and Agribusinesses  
*Director's Row H*

1:30 pm–4:30 pm

#### **CAES Presidential Address, Fellows Address, & Business Meeting**

*Tower Building, Second Level, Windows Room*

3:00 pm–4:00 pm

#### **AAEA Attended Poster Session**

*Plaza Building, Concourse Level, Plaza Ballroom DE (see pages 25–37)*



## MEETING SCHEDULE

### Tuesday, July 27, continued

4:00 pm–5:30 pm

#### AAEA Concurrent Sessions

- |      |  |      |   |
|------|--|------|---|
| 3086 | Outstanding Intellectual Contributions by Agricultural Economists<br><i>Plaza Court 1</i>    | 3096 | Econometric Developments in Agricultural and Resource Economics: The First 100 Years<br><i>Governor's Square 11</i>       |
| 3087 | Climate Change and Agriculture: Impacts, Adaptation, and Mitigation<br><i>Plaza Court 2</i>  | 3097 | New Developments in Crop Insurance and Their Implications for 2010 and Beyond<br><i>Governor's Square 12</i>              |
| 3088 | Climate Change Legislation: Food Sector Impacts<br><i>Plaza Court 3</i>                      | 3098 | Promoting Food Choice and Health for Children: Political, Economic, and Behavioral Aspects<br><i>Governor's Square 14</i> |
| 3089 | Investment, Trade, and R&D in International Development<br><i>Plaza Court 4</i>              | 3099 | Farmer Response to Catastrophic Natural Disasters in the Developing World<br><i>Governor's Square 15</i>                  |
| 3090 | Trade Policy<br><i>Plaza Court 5</i>   | 3100 | Alerting All Entrepreneurs! Research on Ethical Awareness and Entrepreneurial Behavior<br><i>Governor's Square 16</i>     |
| 3091 | Land Markets<br><i>Plaza Court 6</i>   | 3101 | Livestock Outlook<br><i>Governor's Square 17</i>  |
| 3092 | Consumer Preference for Quality Information and Labeling Information<br><i>Plaza Court 7</i> | 3102 | How Behavioral Economics Can Inform Policymakers<br><i>Beverly Room</i>   |
| 3093 | Weather Risk and Insurance Derivatives<br><i>Plaza Court 8</i>                               | 3103 | Price Interdependence<br><i>Denver Room</i>   |
| 3094 | Working with the New NIFA<br><i>Governor's Square 9</i>                                      | 3104 | Valuing Recreation<br><i>Spruce Room</i>  |
| 3095 | The Economic Crisis of 2008–09 and Agriculture<br><i>Governor's Square 10</i>                |      |   |

4:00 pm–5:30 pm

#### WAEA Presidential Address & Business Meeting

*Tower Building, Majestic Level, Vail Room*

6:00 pm–7:00 pm

#### AAEA Galbraith Forum

*Plaza Building, Concourse Level, Plaza Ballroom ABC*

7:00 pm–8:30 pm

#### Closing Reception

*Plaza Building, Concourse Level, Plaza Ballroom Foyer*

### Wednesday, July 28

7:00 am–7:00 pm

#### Post-conference Tour: Extension Agricultural Education Tour

*Plaza Building, Lobby Level, Hotel Lobby*

7:30 am–9:00 am

#### CAES New Executive Meeting and Breakfast

*Plaza Building, Concourse Level, Governor's Square 9*

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## AAEA POSTERS

### Agribusiness Economics & Management

Monday, 3:00 pm–4:00 pm

- M18** Labor and Technology Change in the Nursery Industry  
*Vera Bitsch, Michigan State University; Steven Buccola, Oregon State University*
- M19** A Study of Iran's Comparative Advantage in Saffron  
*Reza Najarzadeh, Michael Reed, Sayed Saghaian, Majid Aghaei, and Mahdieh Rezagholizadeh, University of Kentucky*
- M20** A Transportation Alliance of Environmental Horticulture Producers in Georgia: Issues and Feasibility  
*F.E. Stegelin, University of Georgia*
- M21** Economic Analysis of Increased Levels of Intramuscular Fat in Pork: Producer and Industry Opportunities  
*James B. Kliebenstein and Maro Ibarburu, Iowa State University*
- M22** Economic Impact of the Alabama Green Industry 2003 to 2008: Grower Optimism in a Changing Economy  
*Deacue Fields III and Kenesha Reynolds-Allie, Auburn University*
- M23** How Do Agribusiness Companies Select Their Innovation Projects?  
*Maud Roucan-Kane, Benjamin Gramig, Michael Boehlje, and Allan Gray, Purdue University*
- M24** Syngenta and Sustainability: Implications for Corporate Strategy  
*Amber Rankin and Michael Boehlje, Purdue University*
- M25** Responding to Animal Advocacy: The Case of PETA and Boycott Australian Wool  
*Hamish Gow, Massey University; Ross Bowmar, Michigan State University*
- M27** Sources of Firm Performance Differences in the U.S. Food Economy: Exploring Specific Industry, Corporate, and Business Segment Effects on Agribusiness Firm Profitability  
*Fabio Chaddad and Mario P. Mondelli, University of Missouri*
- M29** Livelihood Disruption and Venture Creation: Entrepreneurship as Technology Adoption, The Case of Tobacco Farmers in Kentucky  
*Sivalai Vararuth Khantachavana and David R. Just, Cornell University*

Tuesday, 3:00 pm–4:00 pm

- T1** Expanding the Shepherd's Grain Brand: The Crossroads of Economics and Sustainability  
*Aaron Johnson, University of Idaho*

### Agricultural Finance & Farm Management

Monday, 3:00 pm–4:00 pm

- M1** Rating the Financial Health of U.S. Production Agriculture Using Synthetic Credit Rating Methods  
*Christine Wilson, Kansas State University; Mitch Morehart, USDA-Economic Research Service; Allen Featherstone, Kansas State University; Charlie Hallahan, Kenneth Erickson, and James Harris, USDA-Economic Research Service*
- M2** Beef Cow-Calf Producer Registration in the National Animal Identification System  
*William McBride and Kenneth Mathews, USDA-Economic Research Service*
- M3** Economic Analysis of Johne's Disease Control Strategies in Dairy Herds  
*Jaesung Cho, Loren Tauer, Ynte Schukken, Rebecca Smith, Zhao Lu, and Yrjo Grohn, Cornell University*
- M4** A Gaussian Two-factor Maximal Model on Agricultural Commodity Markets  
*Na Jin, Sergio Lence, Chad Hart, and Dermot J. Hayes, Iowa State University*
- M5** Foreign Workers and the Organic Farms' Demand for Seasonal Unskilled Labor  
*Ya Wu, Cesar L. Escalante, and Carrie Neely, University of Georgia*
- M6** Will Carbon Find a Home on the Range? A Monte Carlo Simulation  
*John Ritten, Christopher Bastian, and Benjamin Rashford, University of Wyoming*
- M7** Crop Price Volatility Impacts on Farmers' Cropping Patterns: A Dynamic Optimal Crop Rotation Model  
*Ruohong Cai, Cheng Qiu, and Michael Wetzstein, University of Georgia*
- M8** Risk Rating of FSA's Guaranteed Loan Portfolio  
*Charles Dodson, USDA-Farm Service Agency*
- M10** Producer Technology Use and the Value of Autonomy: The Case of rbST  
*Nicole J. Olynk, Purdue University; Christopher A. Wolf and Glynn Tonsor, Kansas State University*
- M11** Pricing Commodity Options in a Jump-diffusion Model with Markov Switching GARCH Processes  
*Feng Wu and Zhengfei Guan, Michigan State University*
- M12** Actuarial Implications of Structural Changes in El Niño-Southern Oscillation Index Dynamics  
*Shu-Ling Chen, National Tsing Hua University*
- M13** Analyzing and Predicting Farm Financial Stress: A Categorical Logit Approach  
*Kenneth Erickson, USDA-Economic Research Service; Ashok Mishra, Louisiana State University; James Harris and Charlie Hallahan, USDA-Economic Research Service*

## AAEA POSTERS

- M14 Confirmatory Factor Analysis of Farm Size and Performance  
*Joleen Hadrich and Frayne Olson, North Dakota State University*
- M15 The Influence of Local Selling Decisions on Organic Farm Incomes  
*Luanne Lohr and Timothy Park, USDA-Economic Research Service*
- M16 Revisiting Risk Premiums in Futures Markets: Understanding the Role of Realized Forecast Errors  
*Marin Bozic and T. Randall Fortenbery, University of Wisconsin*
- M17 Tres Valles, the Energy Crop  
*Ernesto Gallo, EAP Zamorano University*

### Behavioral Economics

Monday, 3:00 pm–4:00 pm

- M30 Self Control at Home and in the Wild: Empirical Evidence of the Age Cohort Study in Taiwan  
*Hung-Hao Chang, National Taiwan University; David R. Just, Cornell University; Ta-Chuan Chang, National Taiwan University*
- M31 From Family to Peer Setting: Food Choices of College Freshmen  
*Linda D. Burbidge and Hikaru Hanawa Peterson, Kansas State University*
- M33 Behavioral and Economic Reasons for Homeowners' Reluctance to Install Alternative Solar Energy Systems  
*María A. Coman, Jacqueline Gordon, and Kathryn Miller, University of Connecticut*

### Demand & Price Analysis

Monday, 3:00 pm–4:00 pm

- M34 A Structural Estimation of the Demand for Corn Seed in the United States  
*Xingliang Ma and Guanming Shi, University of Wisconsin*
- M35 An Examination of the Determinants of Geographic Variation in U.S. Food Prices  
*Ephraim Leibtag, Jessica E. Todd, and Lisa Mancino, USDA-Economic Research Service*
- M36 China's Meat Consumption: An Income Elasticity Analysis and Long-term Projections  
*Tadayoshi Masuda and Peter Goldsmith, University of Illinois at Urbana-Champaign*
- M37 Demand for Live Seafood in the North Central Region  
*Kwamena K. Quagraine, Purdue University*
- M38 Do Consumers Pay for Being Healthy Conscious? An Analysis of Price Discrimination on Healthier Food Product  
*Congnan Zhan, North Carolina State University*

- M39 Estimating Sequential Multi-choice Demand: An Application to Pesticides Consumption in France  
*Adelaide Fadhuile, Université Panthéon-Assas Paris II; Stephane Lemarie, Institut National de la Recherche Agronomique; Alain Pirotte, Université Panthéon-Assas Paris II*
- M40 Evaluation of Asymmetries in USDA Interval Forecasts of Corn, Soybean, and Wheat Prices  
*Olga Isengildina-Massa and Julia Sharp, Clemson University*
- M41 Fed Cattle Forward Contract Volume and Basis Relationship  
*Zelalem Abahana, Matthew Diersen, Nicole Klein, and Jing Li, South Dakota State University*
- M43 Household Consumption of Snacks-Away-from-Home  
*Tullaya Boonsaeng and Carlos Carpio, Clemson University; Chen Zhen, RTI International*
- M44 How Closely Related Are the Prices of Organic and Conventional Corn?  
*Ariel Singerman and Sergio Lence, Iowa State University*
- M45 Implicit Price and Demand in Oligopolistic Competition: An Application to the U.S. Trout Market  
*Youngjae Lee, P. Lynn Kennedy, and Brian Hilbun, Louisiana State University*
- M46 Incidence of Agro-climate Variability over Grass-fed Cattle Markets  
*Bruno A. Lanfranco and José Pedro Castaño, Instituto Nacional de Investigación Agropecuaria, Uruguay; María Victoria Zorrilla de San Martín and Juan Manuel Porto, Universidad de la República*
- M49 Socially Optimal Taxation of Alcohol: The Case of Czech Beer  
*Karel Janda, Charles University and University of Economics*
- M50 Television Food Advertising, Ethnic Marketing, and Food Choices among Hispanic Children  
*Chen Zhu and Rui Huang, University of Connecticut*
- M51 Structural Price Changes Due to H5N1  
*Johannes Sauer, University of Manchester; Zebedee Nii-Naate, Department for Environment, Food and Rural Affairs*
- M52 The Demand for Food in the United States: A Review of the Literature, Evaluation of Previous Estimates, and Presentation of New Estimates of Demand  
*Abigail Okrent and Julian Alston, University of California, Davis*
- M53 The Interaction between Alcohol and Cigarette Consumption  
*Aycan Koksal and Michael Wohlgenant, North Carolina State University*
- M54 The U.S. Corn Farmers' GM Technology Adoption with Neighborhood Effects  
*Do-il Yoo, University of Wisconsin*

## AAEA POSTERS

- M55** What Drives Commodity Prices More: Oil Demand or Supply Shocks?  
*Maria Erlinda Mutuc, Suwen Pan, and Michael Hudson, Texas Tech University*
- M56** World Food Price after the WTO Foundation: Deterministic and Non-deterministic Factors  
*Xiaohua Yu and Stefan Meyer, Georg-August-Universität Göttingen*

### Environmental & Nonmarket Valuation

Monday, 3:00 pm–4:00 pm

- M57** Willingness-to-Pay for Emission Reductions with E85  
*Kimberly Jensen, Adrienne Marra, Christopher Clark, and Burton English, University of Tennessee*
- M58** Did the Great Recession Reduce Visitor Spending and Willingness-to-Pay for Nature-Based Recreation? Evidence from 2006 and 2009  
*John B. Loomis and Catherine Keske, Colorado State University*
- M59** High Individual WTP for High Mountain Recreation in a CVM Model: Language Matters!  
*Greta Lohman, Catherine Keske, and John B. Loomis, Colorado State University*
- M60** Valuation of Agricultural Weather Information Networks  
*Jeffrey D. Mullen and Mohammed al Hassan, University of Georgia*
- M61** Willingness-to-Pay for Water Availability in Northwest Arkansas  
*Robyn L. Dennis and Jennie Popp, University of Arkansas*
- M62** Stated Choice Methods for Ecosystem Valuation Using Internet Surveys: An Application Involving Coral Reef Restoration in Hawaii  
*David J. Chapman, Stratus Consulting; Richard Bishop, University of Wisconsin; Eric Horsch, Stratus Consulting*
- M63** Benefit Estimation of Water Quality Improvements in Bagmati River Using Choice Modeling  
*Hari Katuwal, University of New Mexico*
- M64** Is the Bias-efficiency Estimation Trade-offs in Double Bounded Dichotomous Choice Less Pronounced Using Visitor Survey Data?  
*David J. Gebben and John B. Loomis, Colorado State University*
- M65** Risk, Insurance, and the Provision of Public Goods under Uncertainty  
*Stephen S. Aultman and Jay Coggins, University of Minnesota*
- M67** A Bioeconomic Approach to Capturing Both the Economic Value and Economic Contribution of Fish Stocking in Colorado Waters  
*Daniel Deisenroth, Colorado State University*

- M68** Risk Belief, Producer Demand, and Valuation of Improved Irrigation: Results from Field Experiments in Mt. Kilimanjaro  
*Francis Muumba and David S. Kraybill, The Ohio State University*

### Experimental Economics

Monday, 3:00 pm–4:00 pm

- M69** On the Use of Multi-unit Auctions in Measuring Consumers' Willingness-to-Pay for Food Products  
*Faical Akaichi and Rodolfo M. Nayga Jr., University of Arkansas; Jose Gil, Centre de Recerca en Economia i Desenvolupament Agroalimentari*
- M70** Conservation Auctions and Compliance: Theory and Evidence from Laboratory Experiments  
*Kentaro Kawasaki, Policy Research Institute, Ministry of Agriculture, Forestry and Fisheries; Takeshi Fujie, Shiga University; Kentaro Koito, Rakuno Gakuen University; Norikazu Inoue, Shimane University; Hiroki Sasaki, Organisation for Economic Co-operation and Development*
- M71** Consistency of Willingness-to-Pay and Preferences in Auction Experiments  
*Na He and John Bernard, University of Delaware*
- M72** Using Economics Experiments to Understand Patent Licensing Behavior  
*Rita Abdelnour and Amalia Yiannaka, University of Nebraska*
- M73** Making a Market for Miscanthus: Can New Contract Designs Solve the Biofuel Investment Hold-up Problem?  
*Steven Wu, Stephanie Rosch, Corinne Alexander, Wallace Tyner, and Joshua Yoder, Purdue University*

Tuesday, 3:00 pm–4:00 pm

- T55** Consumers' Willingness-to-Pay for Animal Welfare Attributes in Dairy Products: Evidence from Experimental Auctions  
*Levan Elbakidze, University of Idaho; Rodolfo M. Nayga Jr., University of Arkansas; Hao Li, University of Idaho*

### Food & Agricultural Marketing

Monday, 3:00 pm–4:00 pm

- M74** The Role of Trust, Risk Aversion, and Local Dealers in Online Markets for Used Farm Equipment  
*Brian E. Roe, Marvin Batte, and Florian Diekmann, The Ohio State University*
- M75** Public and Private Preferences for Policies Related to Meat and Milk from Clones  
*Kathleen R. Brooks and Jayson Lusk, Oklahoma State University*
- M76** Factors Influencing Restaurant Managers' Willingness to Feature Locally Produced Meat  
*Rick Whitacre, Aslihan Spaulding, and Emmanuel Foday, Illinois State University*

## AAEA POSTERS

- M77** Willingness-to-Pay for Organic vs. Conventional Orange Juice  
*Lisa House, Zhifeng Gao, and Danielle Thomas, University of Florida*
- M78** The Impact of Retail Promotion on the Purchase of Private Label Products: The Case of U.S. Processed Cheese  
*Yasser Bouhlal and Oral Capps Jr., Texas A&M University*
- M79** Wal-Mart, Private Labels, and Supermarket Milk Pricing  
*Rebecca Cleary and Jean-Paul Chavas, University of Wisconsin*
- M80** Determinants of Meats Purchase Behavior by Ethnic Groups  
*Carlos I. García-Jiménez and Ashok Mishra, Louisiana State University*
- M81** Do the Poor Pay More for Healthy Food? An Empirical Economic Analysis  
*Patrick Lee Hatzenbuehler and Jeffrey Gillespie, Louisiana State University*
- M82** Factors Influencing Contract Use and Contract Terms in Organic Markets  
*Jason Franken, Michael Sykuta, and Peter Klein, University of Missouri*
- M83** Agglomeration Economies and Firm Growth in New York Food and Beverage Manufacturing Sector  
*Jeffrey S. Hall, Cornell University*
- M84** Evolving Market Performance in Brazilian Futures Contracts Using Relative Efficiency  
*Fabio Mattos, University of Manitoba; Philip Garcia, University of Illinois at Urbana-Champaign; Fabiana S. P. Urso, BM&FBOVESPA, Securities, Commodities and Futures Exchange*
- M85** Consumers' Willingness-to-Pay for Coffee Differentiation: A Comparison of Fair Trade, Organic, and Cause-related Marketing Coffees—and a Mix Thereof  
*Nina Langen, Carola Grebitus, and Monika Hartmann, University of Bonn*
- M86** Discrete Choice Models: Which One Performs Better?  
*R. Karina Gallardo, Washington State University; Jae Bong Chang, Oklahoma State University*
- M87** Animal Cloning and Consumer Perceptions  
*Sean Fox and Shonda Anderson, Kansas State University*
- M88** The Direct and Indirect Effect of Credence Attributes on U.S. Consumers' Attitudes toward Beef Steak  
*Domenico Dentoni, University of Adelaide; Glynn Tonsor, Kansas State University; Roger Calantone and Christopher Peterson, Michigan State University*
- M89** An Ounce of Prevention: The Impact of Economics and Demographics on the Demand for Vitamin Supplements  
*Sven Anders, University of Alberta; Christiane Schroeter, California Polytechnic State University, San Luis Obispo; Bradley Rickard, Cornell University*
- M90** Assessing the Impact of Carbonated Soft Drink Marketing Practices on U.S. Consumers  
*Charles R. Rhodes, University of Connecticut*
- Food & Agricultural Policy Analysis**
- Monday, 3:00 pm–4:00 pm
- M91** An Empirical Investigation of the Linkages between Government Payments and Leasing Arrangements  
*Feng Qiu, Barry Goodwin, and Jean-Philippe Gervais, North Carolina State University*
- M92** Direct Payments, Farm Survival, and Strategic Farm Creation: The Case of Large-scale Agricultural Structures in East Germany  
*Patrick Zier and Martin Petrick, Leibniz-Institute of Agricultural Development in Central and Eastern Europe*
- M93** Fruit and Vegetable Planting Restrictions: A Farm Level Approach  
*Mesbah Motamed, Barry Krissoff, Edwin Young, and Chengxia You, USDA-Economic Research Service*
- M94** Do Direct Payments Distort Agricultural Production? A County Level Analysis  
*Erik O'Donoghue, USDA-Economic Research Service*
- M95** Is Investment in Agricultural Research a Good Substitute for Price Support in U.S. Cotton?  
*Suwen Pan and Chenggang Wang, Texas Tech University*
- M96** U.S. Farm Subsidies and the Biofuel Industry  
*Jude Bayham, Washington State University; Stephen Devadoss, University of Idaho*
- M97** Food Aid and Agricultural Cargo Preference  
*Elizabeth R. Bageant, Christopher B. Barrett, and Erin C. Lentz, Cornell University*
- M98** Livestock Disease Indemnity Design When Bioscurity Externalities Exist  
*Tong Wang, Iowa State University*
- M99** Retail Dairy Prices Fluctuate with the Farm Value of Milk  
*Hayden Stewart and Donald Blayney, USDA-Economic Research Service*
- M100** SURE Impact? An Empirical Investigation of Moral Hazard Behavior  
*Anton Bekkerman, Montana State University*
- M101** Structural Change of European Dairy Farms  
*Andrea Zimmermann and Thomas Heckeley, University of Bonn*

## AAEA POSTERS

- M102** To Target or Not to Target? The Cost Efficiency of Indicator-based Targeting  
*Nazaire S. I. Houssou and Manfred Zeller, University of Hohenheim*
- M103** Risks and Rewards along Ghana's Tomato Value Chain  
*Elizabeth J. Z. Robinson and Guylain K. Ngeleza, International Food Policy Research Institute*
- M104** The Evolution of Risk Management Education in the United States: An Evaluation into Stated Past and Present Demands  
*Alexis Garcia, Eric J. Belasco, and Thomas Knight, Texas Tech University; Keith Coble, Mississippi State University; Paul Mitchell, University of Wisconsin; Roderick Rejesus, North Carolina State University*
- M105** The Role of Risk Attitude in Preference Rankings of Vaccine Use for Foot and Mouth Disease Eradication in the United States  
*Amy D. Hagerman, Bruce McCarl, and Hen-I Lin, Texas A&M University*
- M107** Public's Willingness-to-Pay for Ecosystem Service Improvements from Agriculture  
*Huilan Chen, Frank Lupi, and Scott Swinton, Michigan State University*
- M108** Welfare Impacts of Rural to Urban Water Transfers: An Equilibrium Displacement Approach  
*James Pritchett, Stephen Davies, Eihab Fathelrahman, and Amalia Davies, Colorado State University*
- M109** Dynamic Optimization of Nitrogen Use in Agriculture  
*J. Wesley Burnett and Myra Clarisse Ferrer, University of Georgia*
- M110** Can We Keep Up with the Demand? Emerging Trends in Global Rice Consumption and Food Security  
*Nelissa Jamora, Michigan State University; Harold Glenn Valera, Valerien Pede, Samarendu Mohanty, Mary Joanne Matriz, and Imelda Molina, International Rice Research Institute*
- M111** Effects of Changes to Farm Program Payment Policies on the Distribution of Payments and Income Inequality of Farm Households  
*Ron L. Durst and Hisham El-Osta, USDA-Economic Research Service*
- M113** The Welfare Impact of Removing Biofuel Blenders' Tax Credit Subsidy in United States  
*Kassu Wamisho Hossiso, University of Nebraska*

## Food Safety & Nutrition

Monday, 3:00 pm–4:00 pm

- M114** Do Americans Change toward Healthful Diets?  
*Kuo Huang and Sophia Huang, USDA-Economic Research Service*
- M115** Impact of Pesticide Residue Concerns on Fresh Produce Consumption in the UK  
*Andres Silva, Marian Garcia, and Alastair Bailey, University of Kent*
- M116** Quality Dispersion among Organic Milk Channels  
*Fengxia Dong, David Hennessy, and Helen Jensen, Iowa State University; Timothy Park, USDA-Economic Research Service*
- M117** School Meal Costs: Do Costs Vary Across Locations?  
*Michael Ollinger, Katherine Ralston, and Joanne Guthrie, USDA-Economic Research Service*
- M118** Self-perception of Weight and Health and Dietary Quality  
*Chung-Tung Lin, U.S. Food and Drug Administration; Jonq-Ying Lee, University of Florida*
- M119** Socio-economic Profiles of Nutrition Label Users  
*Wen You and Ge Zhang, Virginia Tech; Rodolfo M. Nayga Jr., University of Arkansas*
- M120** State Branded Programs and Consumer Preference for Locally Grown Produce  
*Nicholas Lee, William Njanje, and Renee Hugner, Arizona State University*
- M121** The Cost of Healthy Food Depends on How the Cost Is Measured  
*Andrea Carlson and Elizabeth Frazao, USDA-Economic Research Service*
- M122** The End of the Paper Era in the Food Stamp Program: The Impact of Electronic Benefits on Program Participation  
*Sibel Atasoy, Bradford Mills, and Christopher Parmeter, Virginia Tech*
- M123** The Impact of Regional Food Cost Differences on the TFP Recommendations  
*Wen You and Ge Zhang, Virginia Tech; Biing-Hwan Lin and Andrea Carlson, USDA-Economic Research Service*
- M124** The Influence of Endogenous Nutrition Knowledge on Consumers' Willingness-to-Pay for Healthful Food Products  
*Hong Xue, Denise Mainville, and Wen You, Virginia Tech; Rodolfo M. Nayga Jr., University of Arkansas*
- M125** The Potential for Mobile Markets to Improve Food Access and Affordability: A Market Basket Analysis  
*George Frisvold, University of Arizona*

## AAEA POSTERS

- M126** The Recovery of Consumer Purchasing Behavior after a Food Crisis: A Case Study of the Melamine Incident in China  
*Shiwen Qian and Yinchi Zeng, Renmin University of China; Xiaohua Yu and Yuanyuan Liu, Georg-August-Universität Göttingen*
- M127** Using Linked Household-level Datasets to Explain Consumer Response to BSE in Canada  
*Xin Wang, Leigh Maynard, and J. S. Butler, University of Kentucky*

### Household & Labor Economics

Tuesday, 3:00 pm–4:00 pm

- T2** Consumption Time in Household (Food) Production: Implications for the Goods-Time Elasticity of Substitution  
*Ranju Baral, Wen You, and George Davis, Virginia Tech*
- T3** Differentiation in Farm Labor Complement Profiles of Organic and Conventional Farms in the Southeast  
*Cesar L. Escalante and Florence Ivy M. Santos, University of Georgia*
- T4** Do Low Prices for Sugar-sweetened Beverages Increase Children's Weights?  
*Minh Wendt and Jessica E. Todd, USDA-Economic Research Service*
- T5** Food Expenditures Away from Home by Type of Meal and by Facility  
*Miaoru Liu, Panagiotis Kasteridis, and Steven Yen, University of Tennessee*
- T6** Immigration and the Nursery Labor Market  
*Cheng Li and Steven Buccola, Oregon State University*
- T8** Rural Homeownership and Labor Mobility in the United States  
*Maureen Kilkenny, University of Nevada at Reno; Daniel Monchuk, University of Southern Mississippi; Euan Phimister, University of Aberdeen*
- T9** The Effect of Television on the Amount and Quality of Food Children Consume: Evidence from Two Days of Dietary Recall  
*Jessica E. Todd and Minh Wendt, USDA-Economic Research Service*
- T10** Why Are Teachers "Overpaid" in Developing Countries? – The Role of the Nature of Educational Production in Teacher Labor Markets  
*Qihui Chen, University of Minnesota*

### Industrial Organization & Supply Chain Management

Monday, 3:00 pm–4:00 pm

- M128** On Aggregation Bias in Structural Demand Models  
*Pei-Chun Lai and David Bessler, Texas A&M University*

Tuesday, 3:00 pm–4:00 pm

- T11** A Model of Endogenous Market Structure, Innovation, and Licensing in Agricultural Biotechnology  
*Benjamin C. Anderson and Ian Sheldon, The Ohio State University*
- T12** Cartel Dissolution with Effective Antitrust Deterrence  
*Xiaowei Cai, California Polytechnic State University, San Luis Obispo; Kyle Stiegert, University of Wisconsin*
- T13** Common Agency: Conspiracy or Conscious Parallelism? Indirect Evidence from a Repeated English Auction  
*Kalyn T. Coatney, Mississippi State University; Sherrill Shaffer and Dale Menkhaus, University of Wyoming; Kraig Roesch, Packers and Stockyards Programs*
- T14** Could Packers Manipulate Cash Markets by Linking Contract and Futures Prices?  
*Tian Xia, John Crespi, and Kevin Dhuyvetter, Kansas State University*
- T15** Estimating the Inefficiency in Auction for Congestion Contracts  
*Devendra Canchi, Douglas Gotham, and F. T. Sparrow, Purdue University*
- T16** Inconvenience Cost and the Supply of Storage  
*Michael Adjemian, USDA-Economic Research Service*
- T17** Location and Pricing in Space  
*Marten Graubner and Alfons Balmann, Leibniz-Institute of Agricultural Development in Central and Eastern Europe; Richard Sexton, University of California, Davis*
- T18** Measuring Market Power Exertion in the U.S. Ethanol Industry  
*Juan J. Monge, Texas A&M University*
- T19** Optimal Timing of Cartel Formation under Uncertainty  
*Xiaowei Cai, California Polytechnic State University, San Luis Obispo; Kyle Stiegert, University of Wisconsin*
- T20** The Economics of Reducing Package Size: Consumer Response and Returns to Manufacturers  
*Metin Cakir, Joseph V. Balagtas, and James Binkley, Purdue University; Ephraim Leibtag, USDA-Economic Research Service*



## AAEA POSTERS

### Institutional Economics

Monday, 3:00 pm–4:00 pm

- M129** Social Network Capital and Academic Careers: The Case of a College of Agriculture  
*Paul Wilson, Umberto Medicamento, Tauhidur Rahman, and Gary Thompson, University of Arizona*

### International Development

Monday, 3:00 pm–4:00 pm

- M130** Business Dynamics and Informal Contracts: Experimental Evidence from the Cowpea Street Food Sector in West Africa  
*Miriam Otoo, Joan Fulton, and Steven Wu, Purdue University; Germaine Ibro, Institut National de la Recherche Agronomique*
- M131** Can Financial Development Cause Productive Inefficiency?  
*Viktor Khanzhyn, University of Nebraska*
- M132** Conflict and Poverty: Cause, Effect, and Prediction  
*Shahriar Kibriya, Texas A&M University*
- M133** Correlation between Access to Capitals and Income in the Bolivian Altiplano  
*Nathaniel Jensen and Corinne Valdivia, University of Missouri*
- M134** Drivers of Household Participation in Rural Non-farm Labor Markets in the Post-war Rwanda  
*Patrick Hitayezu, Julius J. Okello, and Christopher O. Gor, University of Nairobi*
- M135** Food Supply and Demand in North Korea: An Econometric Analysis  
*Youngjae Lee, P. Lynn Kennedy, and Brian Hilbun, Louisiana State University*
- M136** Incentives for Academic Achievement: An Experimental Study  
*Dhiraj Sharma, The Ohio State University*
- M137** Loan Allocation within Group Lending: New Evidence from Self-help Group Program in South India  
*Jun Goto, University of Tokyo*
- M138** Political Reservation and Women's Empowerment: Evidence from Local Governments in Rural India  
*Fang Xia and Songqing Jin, Michigan State University; Klaus Deininger, World Bank; Hari Nagarajan, National Council of Applied Economic Research*
- M139** Resource Allocation and Farm Income in Southern Vietnam  
*Joshua R. Dewbre, American University*
- M140** Small Grains for Poverty Alleviation: Analyzing the Role of Fonio in Food Security in Mali  
*Jeremy Foltz, University of Wisconsin*
- M141** The Spillover Effects of the Global Financial Crisis on Latin America  
*Dwi Susanto, Flynn Adcock, C. Parr Rosson, Rafael Costa, and Shad Thevenaz, Texas A&M University*
- M142** Does the Use in ICT-based Market Information Services Improve the Welfare of Developing Country Smallholder Farmers' Households? Evidence from Kenya  
*Julius J. Okello, University of Nairobi; Ruth M. Okello, Michigan State University*
- M143** Firm Strategy, Exports, and Foreign Direct Investment: An Examination of the Economic Performance of U.S. Manufacturing Firms  
*Pablo Antonio Garcia and P. Lynn Kennedy, Louisiana State University*
- M144** Natural Resource Dependence in Rural Mexico  
*Alejandro Lopez-Feldman, CIDE*
- M146** Improving Agricultural Irrigation on the Balkhab River, Afghanistan  
*Carson Jon Reeling, John Lee, Peter Mitchell, and Ghulam Hazrat Halimi, Purdue University*
- M147** Technical Efficiency in Bangladesh Rice Production: A Threshold Stochastic Frontier Approach  
*Kenji Adachi, University of Minnesota; Carlo del Ninno, World Bank; Donald Liu, University of Minnesota*
- M148** Structural Change in the Colombian Coffee Sector: 1990–2005  
*Mariana Saenz, University of Nebraska*
- M149** How Does Subsidizing Fertilizer Affect Income and Well-being? The Case of Malawi  
*Jacob Ricker-Gilbert and Thom Jayne, Michigan State University*
- M151** Malaria and National Income: Examining a Two Way Causal Relationship  
*Saurabh C. Datta and Jeffrey J. Reimer, Oregon State University*
- M155** Eliciting Nigerian Farmers' Preferences on Specific Timing and Channel for Cereals and Legume Seeds Delivery—An Empirical Estimation of Willingness-to-Pay through Mixed Preference Models  
*Hiroyuki Takeshima and Sheu Salau, International Food Policy Research Institute; Latha Nagarajan, Rutgers University*
- M156** Consumer Willingness-to-Pay for Organic Food in Africa: The Case of Malawi  
*Zhifeng Gao and Fiskani Nkana, University of Florida*
- M157** Market Participation and Marketing Performance: A Case Study of Bolivian Potato Farmers  
*Catherine Larochelle and Jeffrey Alwang, Virginia Tech*
- M158** Impact of Risk and Time Preferences on Responses to Forest Tenure Land Reform: Empirical Evidence from Fujian, China

## AAEA POSTERS

*Karen A. Sullivan and Emi Uchida, University of Rhode Island*  
*Jintao Xu, Peking University*

### International Trade

Monday, 3:00 pm–4:00 pm

- M152** Impact of Market Access Reforms on the Canadian Dairy Industry  
*Anastasia Hacault, University of Manitoba; James Rude, University of Alberta; Jared Carlberg, University of Manitoba*

Tuesday, 3:00 pm–4:00 pm

- T21** Disconnections in U.S. and EU Agricultural Trade Policy  
*Linda Young and Kathleen Hansen, Montana State University*
- T22** Impact of Efficient Refuge Policies for Bt Cotton in India on World Cotton Trade  
*Rohit Singla, Phillip Johnson, and Sukant Misra, Texas Tech University*
- T23** The Effect of Export Assistance Program Usage on Establishing Export Markets  
*Nathan Och and Gregory McKee, North Dakota State University*
- T24** The Effects of NAFTA and U.S. Farm Policies on Illegal Immigration and Agricultural Trade  
*Jeff Luckstead, Washington State University; Stephen Devadoss, University of Idaho*
- T25** How China's Palm Oil Imports Impact Its Soybean and Soybean Oil Imports  
*Wei Chen, Shanghai University of Finance and Economics; Andrew Muhammad, USDA-Economic Research Service*
- T26** Implications of Immigration Policies for the U.S. Farm Sector and Workforce  
*Stephen Devadoss, University of Idaho; Jeff Luckstead, Washington State University*
- T28** Impacts of Free Trade Agreements on the Colombian Beef Sector  
*Miguel Gomez, Cornell University; Julieta Frank, University of Manitoba; Tatiana Parra, Universidad Javeriana*
- T29** Competition in Japanese Genetically Modified Soybean Import Market  
*Koichi Yamaura and Tian Xia, Kansas State University*
- T31** Trade Costs and the Gains from Trade in Crop Agriculture  
*Jeffrey J. Reimer and Man Li, Oregon State University*
- T32** Determinants of Bilateral Food Related Disputes  
*Christian Götz and Thomas Heckeley, University of Bonn*
- T33** U.S. Potential Biofuel Trade: A Worldwide Country-pair Analysis

*Osei-Agyeman Yeboah, North Carolina A&T State University; Saleem Shaik, North Dakota State University; Obed Quaicoe, North Carolina A&T State University*

- T34** Nonlinear Models of Exchange Rate Pass-through in International Forest Product Markets  
*Gulcan Onel, North Carolina State University; Jeffrey Prestemon, U.S. Forest Service; Matthew Holt, University of Alabama; Barry Goodwin, North Carolina State University*
- T35** Potential Demand for a New Value-added Cowpea Product as Measured by the Willingness-to-Pay for Cowpea Flour in West Africa  
*Miriam Otoo and Joan Fulton, Purdue University; Germaine Ibro, Institut National de la Recherche Agronomique*
- T36** A Comparison of the Cost of Production of Sugarcane Ethanol in Brazil Relative to Corn Ethanol in the United States  
*Christine Lasco and Madhu Khanna, University of Illinois at Urbana-Champaign*

### Natural Resource Economics

Tuesday, 3:00 pm–4:00 pm

- T37** Factors Influencing Consumer Likelihood of Purchasing a Flexible-fuel or Hybrid Automobile  
*Xiaogu Li, Christopher Clark, Kimberly Jensen, Burton English, and Steven Yen, University of Tennessee*
- T38** An Economic Analysis of Carbon Sequestration Potential and the Impact of Climate Change Legislation on Agriculture in the Northern Plains  
*Yong Jiang, Center for Agricultural Policy and Trade Studies*
- T39** Are Fishers Loss Averse? Evidence from the Gulf of Mexico Shrimp Fishery  
*Tao Ran, Walter Keithly, and Richard F. Kazmierczak Jr., Louisiana State University*
- T40** Measuring Foregone Direct Benefits of Irrigation Water Transfers: The Effect of Model Specification  
*Susanne Scheierling, World Bank; Robert A. Young, Colorado State University*
- T41** An Implementable Index of Sustainability  
*Juan P. Sesmero and Lilyan Fulginiti, University of Nebraska*
- T42** Assessing Responses of Global Crude Oil Production and Price to U.S. Ethanol Production: A Structural Vector Autoregression Approach  
*Lihong McPhail, Iowa State University*
- T43** Optimal Control of Brucellosis in Bison in the Yellowstone National Park Area  
*Fang Xie and Richard D. Horan, Michigan State University*

## AAEA POSTERS

- T44** Optimal Nitrogen Applications of Swine Effluent, Beef Manure, and Anhydrous Ammonia: A Stochastic Dynamic Model of Irrigated Corn in the Oklahoma Panhandle  
*Seong Park, Texas AgriLife Research; Richard Woodward, Texas A&M University; Arthur Stoecker and Jeffery Hattey, Oklahoma State University;*
- T45** Land Use Implications of the Changes in Energy Prices  
*Lyubov Kurkalova and Stephen M. Randall, North Carolina A&T State University; Silvia Secchi, Southern Illinois University*
- T46** Is There Evidence That Legislative Ambition Matches Development? Evaluating the Factors Influencing Wind Energy Development  
*Ryan Blake Williams, Texas Tech University; H. Allen Klaiber, Pennsylvania State University; Eric J. Belasco, Texas Tech University*
- T47** Factors Influencing the Green House Gas Footprint of U.S. Dairy Farms  
*Jennie Popp, Greg Thoma, Rick Ulrich, Wayne Kellogg, Z. Clayton-Niederman, and Robert Pilgrim, University of Arkansas*
- T48** The Benefits and Costs of Alternative Policies for the Management of Pierce's Disease: A Case Study of Pierce's Disease and the Blue-Green Sharpshooter in the Napa Valley  
*Kate B. Fuller, Julian Alston, and James Sanchirico, University of California, Davis*
- T49** Biological, Technological, and Economic Relationships between Predator and Prey  
*David Roberts, North Dakota State University*
- T50** Evaluation of Best Management Practices under Net Cost Risk  
*Hector German Rodriguez, Jennie Popp, and Edward Gbur, University of Arkansas; Indrajeet Chaubey, Purdue University*
- T51** Agricultural Water Security and Instream Flows for Endangered Salmonids in Coastal California's Watersheds  
*Mariano Mezzatesta and David Newburn, Texas A&M University; Nicholas Brozovic, University of Illinois at Urbana-Champaign*
- T52** Optimum Land Allocation for Species Protection and Military Training on DoD Installations  
*Sahan Dissanayake and Hayri Onal, University of Illinois at Urbana-Champaign; James D. Westervelt, ERDC-Construction Engineering Research Laboratory*
- T53** Forget the Hoe: Managing Invasive Plant Species with Dynamic Programming  
*Michael Verdone and W. Marshall Frasier, Colorado State University*
- T54** The Economic Impact of Drought on the White-water Rafting Industry in Colorado  
*Karina Schoengold and Prabhakar Shrestha, University of Nebraska*

## Production Economics

Tuesday, 3:00 pm–4:00 pm

- T56** Evaluating Vector-Virus-Plant Interactions in Regional Supply of Peas and Lentils: A Limited Dependent Variable Analysis  
*Levan Elbakidze, Liang Lu, and Sanford Eigenbrode, University of Idaho*
- T57** A Dynamic Programming Model for Optimizing the Timing of Replacement of Sows  
*Jarkko K. Niemi, Marja-Liisa Sevón-Aimonen, Kirsi Partanen, and Kyosti Pietola, Agrifood Research Finland*
- T58** Agricultural Production Decisions and the Welfare Effects of Changes in the Level and Timing of Snowmelt in the Western United States  
*Kelly Cobourn and Sian Mooney, Boise State University*
- T59** Ammonia Emission BMP's for Livestock Feeding: Identifying Benefits and Barriers to Adoption  
*James Pritchett, Carolyn H. Davidson, Stephen Koontz, and Jessica Davis, Colorado State University*
- T60** Economic and Environmental Impacts of Cellulosic Feedstock Production in Minnesota  
*Jin-Young Moon, Jeffrey Aplant, David Mulla, and Solomon Folle, University of Minnesota*
- T61** Economic Potential for Intensively-managed, Lightweight Stocker Cattle Grazing  
*Job D. Springer, Ryan Reuter, James K. Rogers, and Jon T. Biermacher, Samuel Roberts Noble Foundation*
- T62** Estimating a Farm Group Model and Input Allocations Using Accountancy Data  
*Alexander Gocht, Johann Heinrich von Thünen-Institute; Thomas Heckeley, University of Bonn*
- T63** Estimating Impact of the Uruguay Round on the Rice Production in South Korea  
*Seong-Hoon Cho and Tun-Hsiang Yu, University of Tennessee; Yong-Taek Kim, Korea Rural Economic Institute*
- T64** Estimating the Impacts of Storage Dry Matter Losses on Switchgrass Production  
*James Larson, Daniel Mooney, Burton English, and Donald D. Tyler, University of Tennessee*
- T65** Farmers' Willingness to Grow Cover Crops: Examining the Economic Factors of Adoption in Alabama  
*Jason Bergtold and Jason Fewell, Kansas State University; Patricia Duffy, Auburn University*
- T66** Induced-innovation and Invasive Species Management  
*C. S. Kim and Glenn Schaible, USDA-Economic Research Service; Jan Lewandrowski, USDA-Office of the Chief Economist*

## AAEA POSTERS

- T67** Mitigating Land Use Changes from Biofuel Expansion: An Assessment of Biofuel Feedstock Yield Potential in APEC Economies  
*Amani Elobeid, Iowa State University; Simla Tokgoz, International Food Policy Research Institute; Tun-Hsiang Yu, University of Tennessee*
- T68** Saffron Supply Response: A Panel Data Approach  
*M.A. Falahi, Sayed Saghaian, and Michael Reed, University of Kentucky*
- T69** State of the ARMS Crop Production Practices  
*Robert M. Ebel, USDA-Economic Research Service*
- T80** The Distribution of Benefits from the Adoption of Bt Cotton in Pakistan: Ex-Ante Analysis  
*Hina Nazli, Rakhal Sarker, and Karl Meilke, University of Guelph; David Orden, International Food Policy Research Institute*
- T81** Agricultural Productivity Growth in the Caucasian Countries  
*Marianna Khachatryan, University of Nebraska*
- T82** Is There a Slowdown in Agricultural Productivity Growth in South America?  
*Federico J. Trindade, University of Nebraska*
- T83** GM vs. Non-GM: A Survival Analysis of Hybrid Seed Corn in the United States  
*Xingliang Ma and Guanming Shi, University of Wisconsin*

### Productivity Analysis & Emerging Technologies

Tuesday, 3:00 pm–4:00 pm

- T70** Evaluating the Production and Price Impacts of Biotechnology Application in Crop Markets  
*Graham Brookes, PG Economics; Tun-Hsiang Yu, University of Tennessee; Simla Tokgoz, International Food Policy Research Institute; Amani Elobeid, Iowa State University*
- T71** Have Biotech Seeds Increased Maize Yields?  
*Zheng Xu, David Hennessy, and GianCarlo Moschini, Iowa State University*
- T72** Do Theoretical Restrictions Matter for the Translog Stochastic Production Function? Evidence from Kansas Farm Sector  
*Amin Mugeru, University of Western Australia; Michael Langemeier and Allen Featherstone, Kansas State University*
- T73** Productivity Divergence across Kansas Farms  
*Elizabeth Yeager and Michael Langemeier, Kansas State University*
- T74** Intensive vs. Extensive Dairy Production Systems in the United States and the EU: Determining the Competitive Edge  
*Johannes Sauer, University of Manchester; Richard Nehring, USDA-Economic Research Service; Jeffrey Gillespie, Louisiana State University; Donald Blayney, USDA-Economic Research Service; J. Stephen Clark, Nova Scotia Agricultural College; Charlie Hallahan, USDA-Economic Research Service*
- T75** Is the Share of Agricultural Maintenance Research Rising?  
*John Adam Sparger, Virginia Tech*
- T76** Technological Change and Productivity Analysis in Nebraska  
*Dereje B. Megeressa, University of Nebraska*
- T77** Efficiency, Productivity Growth, and Competitiveness: A Note  
*Oleg Nivievskiy, Bernhard Brümmer, and Stephan von Cramon-Taubadel, Georg-August-Universität Göttingen*
- T79** Efficiency of the Innovation Industry: The Food Industry in Canada  
*Vahid Omidvar, University of Nebraska*

- T84** Agricultural Productivity and Climate Change in Sub-Saharan Africa  
*Aziza Kibonge, University of Nebraska*

### Research Methods, Econometrics, & Statistics

Tuesday, 3:00 pm–4:00 pm

- T85** Examining the Reliability of Logistic Regression Estimation Software  
*Lijia Mo, Kansas State University*
- T86** A Comparison of Methods for Imposing Curvature on the Normalized Quadratic Indirect Profit Function  
*Allen Featherstone and Linda D. Burbidge, Kansas State University*
- T87** Are Crop Yield Distributions Negatively Skewed? A Bayesian Examination  
*Xiaodong Du, David Hennessy, and Cindy L. Yu, Iowa State University*
- T88** Improving Forecast Performance with Reduced Parameter, Large Order AR Models  
*Octavio Ramirez and Jeffrey Dorfman, University of Georgia*
- T89** Is the NEPAD Comprehensive Africa Agriculture Development Programme (CAADP) Supported by Evidence of Agricultural Externalities?  
*John Ulimwengu, International Food Policy Research Institute*
- T90** Should Surveys Be Conducted Online or on Paper: A Comparison  
*Wuyang Hu, University of Kentucky; Marvin Batte and Stanley Ernst, The Ohio State University; Timothy Woods, University of Kentucky*
- T91** Technical Change vs. Efficiency Change: Performance of Food Industries Over Time  
*Christophe Bontemps, Céline Nauges, Michel Simioni, and Vincent Requillart, Toulouse School of Economics*
- T92** The Cost of Increasing Adoption of Beneficial Nutrient-management Practices  
*Dayton Lambert, University of Tennessee; Michael Livingston, Richard Nehring, Ronald Sands, and Seth Wechsler, USDA-Economic Research Service*

## AAEA POSTERS

### Resource & Environmental Policy Analysis

Tuesday, 3:00 pm–4:00 pm

- T94** A Spatial Analysis of Land Use Change and Water Quality in Lake Biwa, Japan  
*Katsuya Tanaka, Shiga University; JunJie Wu, Oregon State University*
- T95** Assessing Water Use and Water Quality Change with Respect to Large-scale Expansion of Ethanol Feedstock Production in United States  
*Lixia He, Burton English, and Daniel De La Torre Ugarte, University of Tennessee; Verel Benson, Benson Consulting*
- T96** Assessment of New York State's Pollution Discharge Elimination Permits for CAFOs: Implications for Dairy Producers and Regional Environmental Quality  
*Dolapo Enahoro, Todd Schmit, and Richard Boisvert, Cornell University*
- T97** Can Environmental Policy Aid in Poverty Alleviation? Targeting with PES and Pollution Taxes in a Heterogeneous Watershed  
*Bayou Demeke, Pennsylvania State University*
- T98** Crop Choice, Non-target Pest Levels, Yield Loss, and Their Effect on Insecticide Use in South Dakota  
*Tia McDonald, Ariel Keating, Scott Fausti, and Jing Li, South Dakota State University; Jonathan Lundgren, USDA-Agricultural Research Service*
- T99** Does Information Matter? Assessing the Role of Information and Prices in the Nitrogen Fertilizer Management Decision  
*James Williamson, USDA-Economic Research Service*
- T100** Does Waivability in Renewable Fuel Standard Matter for Investment in Cellulosic Biofuel Refineries?  
*Ruiqing Miao, Bruce Babcock, and David Hennessy, Iowa State University*
- T101** Economic Evaluation of Catch Share Program: Rhode Island Fluke Fishery Sector Pilot Program  
*Christopher M. Anderson, Hirotugu Uchida, and Andrew M. Scheld, University of Rhode Island*
- T102** Energy Sorghum as a Biofuel Feedstock: Effects on GHG Offsets and Sector Performance  
*Yuquan Zhang, Ruth A. Aisabokhae, and Bruce McCarl, Texas A&M University*
- T103** Establishing a Baseline for Nitrogen Policy Assessment  
*Marc Ribaldo and Michael Livingston, USDA-Economic Research Service*
- T104** Estimating China's Energy and Environmental Productivity Efficiency: A Parametric Hyperbolic Distance Function Approach  
*Zibin Zhang, Xiangrong Jin, and Xuebing Dong, Zhejiang University; Michael Wetzstein, University of Georgia*
- T105** Factors Influencing CDM Locations in China  
*Hongli Feng and Jiwoong Kim, Iowa State University*
- T106** Green House Gas Mitigation, Biofuels, and Land Use Change—A Dynamic Analysis  
*Yongxia Cai, Massachusetts Institute of Technology; David W. Kicklighter, Marine Biological Laboratory; John M. Reilly, Sergey Paltsev, and Angelo Costa Gurgel, Massachusetts Institute of Technology*
- T107** How Do Gasoline Prices Affect Commuting Behavior?  
*Andrea Martens and Zhiying Zhang, University of Illinois at Urbana-Champaign*
- T108** Income and Temperature  
*Pin Ng and Xiaobing Zhao, Northern Arizona University*
- T109** Land Use Implications of Biofuel Production in the Presence of Idled Cropland and Crop Yield Improvement: Analytical and Numerical General Equilibrium Analyses  
*Farzad Taheripour and Wallace Tyner, Purdue University; Dileep K. Birur, RTI International*
- T110** Level of Carbon Tax Required for Switchgrass and Miscanthus to Compete with Coal for Generating Electricity  
*Sijesh C. Aravindhakshan and Francis M. Epplin, Oklahoma State University*
- T111** Market, Technology, and Policy Determinants of Land Use Choice in Marginal Lands: The Case of Grassland Conversion in the Northern Plains  
*Fernando Carriazo, Roger Claassen, Joseph Cooper, Daniel Hellerstein, and Kohei Ueda, USDA-Economic Research Service*
- T112** Modeling Bioenergy Feedstock Supply: Impacts of Spatial and Temporal Variability  
*David Archer, USDA-Agricultural Research Service*
- T113** Protection, Production, and Persuasion: Factors Influencing Pesticide Regulatory Decisions under the Food Quality and Protection Act  
*Elisabeth Newcomb Sinha, University of Maryland*
- T114** Reallocating Agricultural Greenhouse Gas Emissions in EU15 Countries  
*Amilcar Serrao, Evora University*
- T115** Regional Decomposition Analysis of CO<sub>2</sub> Emissions and Their Evolutions in China  
*Fengxia Dong, Jing Lu, and Xiaodong Du, Iowa State University*
- T116** The Effect of Green Payments on the Diffusion of Conservation Technologies in Agriculture  
*Nathan P. Hendricks, University of California, Davis*

## AAEA POSTERS

- T117** The Effects of Changing Commodity Prices on the CRP  
*Daniel Hellerstein, USDA-Economic Research Service*
- T118** The Role of Community-level Characteristics in Conservation Reserve Program Participation  
*Kohei Ueda, Tracey Farrigan, and Michael S. Hand, USDA-Economic Research Service*

### Risk & Uncertainty

Tuesday, 3:00 pm–4:00 pm

- T119** Examination of Factors Influencing Crop Insurance Purchase Decisions of Illinois Farmers  
*Aslihan Spaulding and Kayla Roy, Illinois State University*
- T120** Pólya's Urn Model of Crop Yield Expectation Stochastic Process  
*David Hennessy, Iowa State University*
- T121** Is Commodity Price Volatility Persistent? Another Look Using Improved, Full-sample Estimates  
*Berna Karali, University of Georgia; Gabriel Power, Texas A&M University*
- T122** Weather Effects on Trend, Variance and Distribution of Crop Yield  
*Tian Yu and Bruce Babcock, Iowa State University*
- T123** Specifying a Risk Aversion Function vs. a Coefficient of Risk Aversion: An Application to Farm Acreage Analysis  
*Carlos Arnade and Joseph Cooper, USDA-Economic Research Service*
- T124** Risk Management Strategies of Illinois Farmers  
*Aslihan Spaulding and Kayla Roy, Illinois State University*
- T125** Risk in Agriculture: Modeling Revenue Insurance for Crop Farms in Belgium  
*Kristiana Hansen, University of Wyoming; Bruno Henry de Frahan, Catholic University of Louvain*
- T127** Whole Farm Modeling of the Effect of Risk on Optimal Tillage and Nitrogen Fertilizer Intensity and the Willingness-to-Pay for a Revenue Insurance  
*Markus Gandorfer, Technische Universität München; David Pannell, University of Western Australia; Andreas Meyer-Aurich, Leibniz-Institute of Agricultural Development in Central and Eastern Europe*
- T128** A Century of Crop Yield Density Estimation with Perspectives  
*Aude Liliana Pujula, David Isaias Maradiaga, and Hector O. Zapata, Louisiana State University; Michael R. Dicks, Oklahoma State University*

- T129** Type I and Type II Errors in the Unit Root Determination of a Fractional Brownian Motion  
*Paitoon Wongsasutthikul and Calum Turvey, Cornell University; Gabriel Power, Texas A&M University*
- T130** Understanding Small-holder Constraints to Jatropha Investment  
*Ruth Vargas Hill, Siwa Msangi, and Wei Zhang, International Food Policy Research Institute*
- T131** Impact of Universal Health Coverage on Household Precautionary Savings in Thailand  
*Phatta Kirdruang, University of Minnesota*
- T132** Managing Producer Price Risk in Mexico with Quantos and Dual Risk Commodity Foreign Exchange Hedges  
*Leslie J. Verteramo and Calum Turvey, Cornell University*

### Rural/Community Development

Tuesday, 3:00 pm–4:00 pm

- T133** Did Local Government Structure Kill Small Town America?  
*Travis W. Warziniack, University of Heidelberg*
- T134** The Effect of National Health Insurance Coverage on Health Outcomes and Health Care: The Case of the New Cooperative Medicine Scheme in Rural China  
*Xueling Chu and Longbao Wei, Zhejiang University; Donald Liu, University of Minnesota*
- T135** Entrepreneurial Programs: Which Are Most Beneficial to Oklahoma Business Owners?  
*Lara Brooks, Brian Whitacre, Glenn Muske, Michael Woods, and David Shideler, Oklahoma State University*
- T136** A Competing Values Approach to Small Family Business Succession  
*Amber Remble and Roman Keeney, Purdue University*
- T137** Examining Income Convergence in Southern United States  
*Buddhi R. Gyawali, Swagata Banerjee, and James O. Bukenya, Alabama A&M University*
- T138** The Role of Acculturation, Context of Reception, and Capitals in the Economic Integration of Latino Newcomers to the Midwest in 2009  
*Corinne Valdivia and Pedro Dozi, University of Missouri*

## AAEA POSTERS

### Teaching, Communication, & Extension

Tuesday, 3:00 pm–4:00 pm

- T140** State Specialist's Views of Extension's Evolving System  
*William Lazarus and George Morse, University of Minnesota*
- T141** Enhancing Learning via the Internet: The Case of the Internet Agricultural Bank Simulation Game  
*Brian Briggeman, Federal Reserve Bank of Kansas City; Notie Lansford and Damona Doye, Oklahoma State University; Joshua Detre, Louisiana State University*
- T142** Profiling the Evolving Characteristics and Needs for Risk Management Education of Commercial Agricultural Producers in the Intermountain West  
*John P. Hewlett and Cole Ehmke, University of Wyoming*

## CAES POSTERS

Monday, 3:00 pm–4:00 pm

- C1** Household Food Expenditures and Management of Type II Diabetes  
*Denise Maxwell and Sven Anders, University of Alberta; Sean B. Cash, University of Wisconsin*
- C2** Consumer's Behavior with Respect to Meat Demand: The Special Case of Consumers Who Eat Bison, Elk, and Venison in the Presence of Animal Disease Concerns  
*Aye C. Myae and Ellen Goddard, University of Alberta*
- C3** Market and Government Failure in the Chinese Dairy Industry: The Case of Melamine  
*Changbai Xiu, Guanghua Qiao, and Ting Guo, Inner Mongolia Agricultural University; Kurt Klein, University of Lethbridge*
- C4** Do Attitudes, Perceptions and Nutrition Information Affect Consumer Purchases of FAFH in Canada?  
*Jeewani R. Fernando and Ellen Goddard, University of Alberta*
- C5** Multinationals, Trade Barriers, and Pricing Strategies in the Canadian Processed Pork Product Sector  
*Yingchun Dai and Ellen Goddard, University of Alberta*
- C6** The Boundary Water Treaty between Canada and the United States after One Hundred Years—An Analysis of its Ability to Resolve Disputes over Sharing the Waters of the St. Mary and Milk Rivers  
*Kurt Klein, Tatiana Cook, and Danny LeRoy, University of Lethbridge*

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

Sunday, July 25, 2010

3:00 PM-4:30 PM

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

*Plaza Building, Concourse Level, Plaza Court 1*

#### AEM Section and CWAE Track Session

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

**Organizer:** Vincent Amanor-Boadu, Kansas State University

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

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

#### Presentations:

The Search for Congruent Objectives in Multi-stakeholder Sustainability Initiatives

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

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

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

### 1002 Jobs, the Rural Economy, and Economic Recovery

*Plaza Building, Concourse Level, Plaza Court 2*

#### CENET Track Session

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

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

**Moderator:** Daniel Monchuk, University of Southern Mississippi

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

#### Presentations:

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

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

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

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

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

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

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

*Plaza Building, Concourse Level, Plaza Court 3*

#### FSN Section Track Session

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

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

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

#### Presentations:

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

Evaluation of School Nutrition Policy

*Phillip Gleason, Mathematica Policy Research*

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

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

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

*Derrick Jones, U.K. Food Standards Agency*

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

*Plaza Building, Concourse Level, Plaza Court 4*

#### AAEA Organized Symposium

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

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

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

#### Presentations:

Introduction: Overview of the Catastrophe

*Gail Cramer, Louisiana State University*

Research Needs and Disaster Resiliency, Impacts on Local Communities

*J. Matthew Fannin, Louisiana State University*

Extension Needs and a Marine Economist's Perspective

*Charles Adams, University of Florida*

Lessons Learned from Research on the Valdez Oil Spill

*Alan Randall, The Ohio State University*



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

### 1005 What Is Next for NAFTA: Unresolved Issues

*Plaza Building, Concourse Level, Plaza Court 5*

#### Senior Section Track Session/CAES Organized Symposium

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

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

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

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

#### Presentations:

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

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

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

1006



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

*Plaza Building, Concourse Level, Plaza Court 6*

#### Extension Section and Senior Section Track Session

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

**Moderator:** James Hilker, Michigan State University

#### Presentations:

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

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

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

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

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

*Plaza Building, Concourse Level, Governor's Square 9*

#### AAEA Organized Symposium

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

**Moderator:** Thomas Marsh, Washington State University

#### Presentations:

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

*Mary Ahearn, USDA-Economic Research Service*

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

### 1008 Risk Management in the Light of the Changing CAP

*Plaza Building, Concourse Level, Governor's Square 10*

#### EAAE Organized Symposium

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

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

**Discussant:** Barry Barnett, Mississippi State University

#### Presentations:

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

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

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

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

**1009 Are Historical Estimates of Food Demand in China Good Guides to Future Demand?**  
*Plaza Building, Concourse Level, Governor's Square 11*

### AAEA Organized Symposium

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

**Organizer:** Wyatt Thompson, University of Missouri  
**Moderator:** Wyatt Thompson, University of Missouri

#### Presentations:

Trends in Chinese Food Demand

*Fred Gale, USDA-Economic Research Service*

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

*David Abler, Pennsylvania State University*

Towards a Demand Function Incorporating Population Structure

*Funing Zhong, Nanjing Agricultural University*

Engel Analysis of Food Demand in China

*Kuo Huang, USDA-Economic Research Service*

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

*Plaza Building, Concourse Level, Governor's Square 12*

### AAEA Organized Symposium

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

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

#### Presentations:

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

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

The Implicit Value of Irrigation through Parcel Level Hedonic Price Modeling

*Steven Shultz, University of Nebraska at Omaha*

The Effects of Scenic and Environmental Amenities on Agricultural Land Values

*Don McLeod, University of Wyoming*

**1011 Copulas: How to Better Model Dependent Random Variables**  
*Plaza Building, Concourse Level, Governor's Square 14*

### ARA Section and Econometrics Section Track Session

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

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

**Moderator:** Gabriel Power, Texas A&M University

#### Presentations:

Introduction to Copulas

*B. Wade Brorsen, Oklahoma State University*

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

*Dmitry Vedenov, Texas A&M University*

Modeling Dependence Using Copulas: Applications to Insurance

*Barry Goodwin, North Carolina State University*

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

*Plaza Building, Concourse Level, Governor's Square 15*

### AAEA Invited Paper Session

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

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

**Organizer:** Sven Anders, University of Alberta

**Moderator:** Julie Caswell, University of Massachusetts Amherst

**Discussant:** David Orden, International Food Policy Research Institute

#### Presentations:

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

*Donna Roberts and Jean Buzby, USDA-Economic Research Service*

Food Import Refusals: Evidence from European Union

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

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

*Jason Grant, Virginia Tech*

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

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

Plaza Building, Concourse Level, Governor's Square 16

#### AAEA Organized Symposium

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

**Discussant:** Jason Shogren, University of Wyoming

#### **Presentations:**

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

*Spiro Stefanou, Pennsylvania State University*

Review of AEPP Submitted Articles

*Tomislav Vukina, North Carolina State University*

Review of AEPP Featured Articles

*Ian Sheldon, The Ohio State University*

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

*Christopher B. Barrett, Cornell University*

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

Plaza Building, Concourse Level, Governor's Square 17

#### China Section Track Session

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

**Moderator:** Hong Wang, Purdue University

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

#### **Presentations:**

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

*Thomas Wahl, North Dakota State University*

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

*Hong Wang, Purdue University*

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

*Wei Chen, Shanghai University of Finance and Economics*

Decomposing Trade: The Case of China in Global Markets

*Francis Tuan, USDA-Economic Research Service*

### Monday, July 26, 2010

10:15 AM-11:45 AM

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

Plaza Building, Concourse Level, Plaza Court 1

#### FSN Section Track Session

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

**Organizer:** Chad Meyerhoefer, Lehigh University

#### **Presentations:**

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

*Wen You and Ge Zhang, Virginia Tech*

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

*Maoyong Fan, Ball State University*

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

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

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

*Chad Meyerhoefer and Yuriy Pylypchuk, Lehigh University*

### 2002 **U.S. Agricultural Trade**

Plaza Building, Concourse Level, Plaza Court 2

#### AAEA Selected Paper Session

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

**Moderator:** William Amponsah, Georgia Southern University

#### **Presentations:**

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

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

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

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

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

*Joseph Godwin and Daowei Zhang, Auburn University*

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

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

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

2003



### Ever Changing AAEA Research Challenges

Plaza Building, Concourse Level,  
Plaza Court 3

#### Senior Section Track Session

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

**Organizer:** Vernon Eidman, University of Minnesota

**Moderator:** Vernon Eidman, University of Minnesota

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

#### Presentations:

The Major Factors Influencing the Research Agenda for the Past Century

*Alex McCalla, University of California, Davis*

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

*Emery Castle, Oregon State University*

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

Plaza Building, Concourse Level, Plaza Court 4

#### IBES Track Session

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

**Organizer:** Laura McCann, University of Missouri

**Moderator:** Laura McCann, University of Missouri

#### Presentations:

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

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

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

*Evy Mettepenningen and Guido Van Huylenbroeck, Ghent University*

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

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

2005

### Farm Diversification and Farm Management

Plaza Building, Concourse Level, Plaza Court 5

#### AAEA Selected Paper Session

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

**Moderator:** Ashok Mishra, Louisiana State University

#### Presentations:

Can Education Be a Barrier to Technology Adoption?

*Hiroki Uematsu and Ashok Mishra, Louisiana State University*

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

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

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

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

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

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

### 2006 Vertical Relationships, Contracts, and Business Growth

Plaza Building, Concourse Level, Plaza Court 6

#### AAEA Selected Paper Session

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

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

#### Presentations:

Production Contracts and Farm Business Growth and Survival

*Nigel Key, USDA-Economic Research Service*

Evaluation of CO<sub>2</sub> Emissions by Kansas Agribusiness Retailers

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

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

*Chao-Shih Wang and Jesus Bravo, Arizona State University*

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

### 2007 Individual Decision Biases, Consumer Choice, and Policy Preferences

Plaza Building, Concourse Level, Plaza Court 7

#### AAEA Selected Paper Session

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

**Moderator:** Brian E. Roe, The Ohio State University

#### Presentations:

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

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

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

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

### 2008 Comparison of Valuation Methods in Resource Management

Plaza Building, Concourse Level, Plaza Court 8

#### AAEA Selected Paper Session

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

**Moderator:** Gregory Poe, Cornell University

#### Presentations:

Comparison of Approaches to Estimating Demand for Payment for Environmental Services  
*Monthien Satimanon and Frank Lupi, Michigan State University*

A Comparison of Methodologies for Valuing a Reduction in Health Effects from Wildfire Smoke  
*Leslie A. Richardson and John B. Loomis, Colorado State University; Patricia Champ, U.S. Forest Service*

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

### 2009 Advances in Nonmarket Valuation

Plaza Building, Concourse Level, Governor's Square 9

#### AERE Session

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

**Moderator:** Joseph Herriges, Iowa State University

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

#### Presentations:

Model Uncertainty and Recreation Demand  
*Babatunde Abidoye and Joseph Herriges, Iowa State University*

Capturing Preference Uncertainty Using Elicited Choice Probabilities  
*Subhra Bhattacharjee, Joseph Herriges, and Catherine Kling, Iowa State University*

Hedonic Valuation of Farmland Using Sale Prices vs. Appraised Values

*Shan Ma and Scott Swinton, Michigan State University*

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

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

### 2010 Climate Change and Agriculture

Plaza Building, Concourse Level, Governor's Square 10

#### IAAE and IFPRI Organized Symposium

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

**Moderator:** Keijiro Otsuka, National Graduate Institute for Policy Studies

**Discussant:** Shenggen Fan, International Food Policy Research Institute

#### Presentations:

Climate Change and Agriculture: Global Impacts and Costs of Adaptation

*Gerald Nelson, International Food Policy Research Institute*

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

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

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

### 2011 Making Local and Regional Food Systems Successful

Plaza Building, Concourse Level, Governor's Square 11

#### AAEA Organized Symposium

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

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

#### Presentations:

Comparison of Efforts to Establish Local and Regional Food Systems

*Dawn Thilmany McFadden, Colorado State University*

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

*Lourdes Martinez and Suzanne Thornsby, Michigan State University*

What Makes Collective Marketing Successful in Local Food Systems

*Jennifer Keeling-Bond, Colorado State University*

### 2012 Vertical Coordination in the Evolving High Quality Beef Market

Plaza Building, Concourse Level, Governor's Square 12

#### AAEA Organized Symposium

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

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

### 2013 Has the WTO Constrained Domestic Support Policies?

Plaza Building, Concourse Level, Governor's Square 14

#### International Section Track Session

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

**Moderator:** Timothy Josling, Stanford University  
**Discussant:** Joseph Glauber, USDA-Office of the Chief Economist

#### Presentations:

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

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

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

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

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

### 2014 Methodological Developments and Issues in Experimental Auctions

Plaza Building, Concourse Level, Governor's Square 15

#### AAEA Invited Paper Session

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

**Moderator:** Rodolfo M. Nayga Jr., University of Arkansas  
**Discussant:** Gregory Colson, University of Georgia

#### Presentations:

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

*Jay Corrigan, Kenyon College; Matthew Rousu, Susquehanna University*

The Role of Training in Experimental Auctions

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

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

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

2015



### Agribusiness Economics and Management: 100 Years of Professional Contributions

Plaza Building, Concourse Level, Governor's Square 16

#### AEM Section Track Session

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

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

**Discussant:** Robert P. King, University of Minnesota

### 2016 Examining the Effects of Trade Policies Applied to Horticultural Markets

Plaza Building, Concourse Level, Governor's Square 17

#### COSBAE and FAMPS Track Session

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

**Organizer:** Bradley Rickard, Cornell University

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

#### Presentations:

Policy Issues for Horticultural Product Markets: Where We Were, Where We Are Now, and What Is Ahead  
*Mechel Paggi, California State University, Fresno*

Are SPS Always Barriers to Trade? The Interaction Effect between Increased Consumer Confidence and Increased Costs  
*Lan Liu, University of Minnesota*

Revenue and Welfare Effects of Sanitary and Phytosanitary Barriers to Trade on Apples  
*Lia Nogueira, University of Illinois at Urbana-Champaign*

The Impact of Tariffs and Phytosanitary Barriers on International Trade Patterns of Fresh Fruit Products  
*Bradley Rickard, Cornell University*

2017

### Consumer Preference, Marketing, and Brand Choice of Beef Products

Tower Building, Terrace Level, Beverly Room

#### AAEA Selected Paper Session

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

**Moderator:** Glynn Tonsor, Kansas State University

#### Presentations:

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

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

Consumer Preferences for the U.S. Beef Products: A Meta Analysis  
*Xiaohua Yu, Georg-August-Universität Göttingen; Zhifeng Gao, University of Florida*

Factors Influencing Marketing Margins in Cattle and Beef Markets  
*Ardian Harri, Mississippi State University John Anderson, American Farm Bureau Federation; John Riley, Mississippi State University*

### 2018 Biofuel Policy

Tower Building, Mezzanine Level, Century Room

#### AAEA Selected Paper Session

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

**Moderator:** Harry de Gorter, Cornell University

#### Presentations:

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

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

Welfare Impacts of Alternative Biofuel and Energy Policies  
*Jingbo Cui, Harvey Lapan, and GianCarlo Moschini, Iowa State University; Joseph Cooper, USDA-Economic Research Service*

The French Biodiesel Production: An Assessment of the Impacts and Interaction Effects of Policy Instruments  
*Virginie Doumax, Paul Cezanne University*

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

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

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

### 2019 Rural Development Policy Session

*Tower Building, Mezzanine Level, Colorado Room*

#### AAEA Selected Paper Session

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

**Moderator:** Steven Deller, University of Wisconsin

#### Presentations:

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

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

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

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

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

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

### 2020 Crop Insurance

*Tower Building, Mezzanine Level, Denver Room*

#### AAEA Selected Paper Session

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

**Moderator:** Craig M. Smith, Kansas State University

#### Presentations:

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

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

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

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

Yield Guarantee Determination and the Producer Welfare Benefits of Crop Insurance

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

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

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

### 2021 Agricultural Productivity, Technology Adoption, and Markets

*Tower Building, Mezzanine Level, Gold Room*

#### AAEA Selected Paper Session

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

**Moderator:** Travis Lybbert, University of California, Davis

#### Presentations:

Looking Beyond the Plot: The Nutritional Impact of Fertilizer Policy

*Paulo Santos and Marissa Ward, University of Sydney*

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

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

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

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

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

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

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

*Tower Building, Mezzanine Level, Silver Room*

#### Extension Section Track Session

Congress and the Obama Administration deal with a broad range of policy issues—from long-standing, agriculture-specific issues such as commodity, conservation, and trade programs, to newer, cross-cutting issues such as energy and climate change. The presenters will provide their perspectives on policy issues affecting agriculture based on their work for congress and the administration. They also will seek comments and insights on issues from session attendees.

**Organizer:** Steven Klose, Texas A&M University

**Moderator:** Steven Klose, Texas A&M University

#### Presentations:

The House Majority Perspective

*Craig Jagger, House Agriculture Committee*

The Senate Majority Perspective

*Stephanie Mercier, Senate Agriculture Committee*

The Senate Minority Perspective

*Hayden Milberg, Senate Agriculture Committee*

The USDA-FSA Perspective

*Joy Harwood, USDA-Farm Service Agency*



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

### 2023 Demand for Fruits and Fresh Vegetables

*Tower Building, Mezzanine Level, Spruce Room*

#### AAEA Selected Paper Session

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

**Moderator:** Peyton Ferrier, USDA-Economic Research Service

#### Presentations:

Do Consumers Pay for Being Healthy Conscious?—An Analysis of Price Discrimination on Healthier Food Product  
*Congnan Zhan, North Carolina State University*

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

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

Consumers Apple Variety Choices Based on National Household-level Data

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

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

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

*Tower Building, Terrace Level, Terrace Room*

#### AAEA Selected Paper Session

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

**Moderator:** Juan P. Sesmero, University of Nebraska

#### Presentations:

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

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

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

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

### 2025 Managing Risk through Livestock Disease Policy

*Tower Building, Terrace Level, Capitol Room*

#### ARA Section Track Session

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

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

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

#### Presentations:

Overview of APHIS Livestock Compensation Policy  
*Stephen Ott, USDA-Animal and Plant Health Inspection Service*

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

*Andrew Muhammad, USDA-Economic Research Service*

Implementing Incentive Appropriate Livestock Disease Indemnity Payments

*Christopher A. Wolf, Michigan State University*

### 2026 Agricultural Finance and Farm Management

*Tower Building, Second Level, Tower Court A*

#### CAES Selected Presentation Session

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

**Moderator:** Calum Turvey, Cornell University

#### Presentations:

Dynamic Optimization of Area Revenue Insurance and Consumption Smoothing

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

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

*Pei Xu, Morrisville State College*

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

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

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

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

### 2027 Nonmarket Valuation of Ecological Goods and Food Attributes

*Tower Building, Second Level, Tower Court B*

#### CAES Selected Presentation Session

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

**Moderator:** Ellen Goddard, University of Alberta

#### Presentations:

Value Determination of Ecological Goods and Consequentiality in Choice Experiments

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

Values of Ecological Goods and Services for Policy Development in Saskatchewan

*Vitor Dias and Ken Belcher, University of Saskatchewan*

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

*René Roy and Paul J. Thomassin, McGill University*

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

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

### 2028 Food Safety

*Tower Building, Second Level, Tower Court C*

#### CAES Selected Presentation Session

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

**Moderator:** Gale E. West, Université Laval

#### Presentations:

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

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

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

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

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

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

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

*Violet Muringai and Ellen Goddard, University of Alberta*

### 2029 Food and Agricultural Policy Analysis

*Tower Building, Second Level, Tower Court D*

#### CAES Selected Presentation Session

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

**Moderator:** Rakhai Sarker, University of Guelph

#### Presentations:

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

*Samira Bakhshi and Richard Gray, University of Saskatchewan*

Are Coupled and Decoupled Levels of Agricultural Support Coupled?

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

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

*David Sparling and Brandon Schaufele, University of Western Ontario*

Time Inconsistent Commercialization Competitions

*James Vercammen and Anna Zubchenko, University of British Columbia*

### 2030 Navigating Article Writing and the Publishing Process

*Plaza Building, Street Level, Director's Row E*

#### GSS Track Session

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

**Organizer:** Alicia English, Purdue University

**Moderator:** Alicia English, Purdue University

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

## Monday, July 26, 2010

1:30 PM-3:00 PM

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

*Plaza Building, Concourse Level, Plaza Court 1*

#### GSS Track Session

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

**Organizer:** Shannon Sand, Oklahoma State University

**Moderator:** Shannon Sand, Oklahoma State University

#### Presentations:

How to Give a Presentation: Research

*B. Wade Brorsen, Oklahoma State University*

How to Give a Presentation: Extension

*Shannon Ferrell, Oklahoma State University*

How to Give a Presentation: Teaching

*Michael Wetzstein, University of Georgia*

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

### 2032 The Land Grant Vision of Extension's Future

*Plaza Building, Concourse Level, Plaza Court 2*

#### Extension Section and Senior Section Track Session

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

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

**Moderator:** Matthew Stockton, University of Nebraska

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

#### Presentations:

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

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

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

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

2033



### The Contribution of Agricultural Economists to the Understanding of International Trade

*Plaza Building, Concourse Level, Plaza Court 3*

#### International Section Track Session

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

**Moderator:** Alex McCalla, University of California, Davis

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

#### Presentations:

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

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

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

### 2034 The Feasibility and Economics of Biofuels

*Plaza Building, Concourse Level, Plaza Court 4*

#### AAEA Selected Paper Session

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

**Moderator:** Cole Gustafson, North Dakota State University

#### Presentations:

The Economic Feasibility of Energy Sugar Beet Biofuel Production in Central North Dakota  
*Thein Maung and Cole Gustafson, North Dakota State University*

The Economics of Selling Crop Residue Biomass for Cellulosic Ethanol Production at the Farm Level  
*Daniel M. O'Brien, Kansas State University*

Use of Poultry Litter and Other Biomass in Electricity Production and Its Implication for Economic Development  
*Krishna Paudel, Louisiana State University; Doleswar Bhandari, University of New Mexico; Keshav Bhattarai, University of Central Missouri*

### 2035 Agricultural Labor

*Plaza Building, Concourse Level, Plaza Court 5*

#### AAEA Selected Paper Session

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

**Moderator:** Lenis Saweda Liverpool, International Food Policy Research Institute

#### Presentations:

The Effect of Continuing Education Participation on Agricultural Worker Outcomes  
*Anita Alves Pena, Colorado State University*

Does "Convenience Agriculture" Affect Off-farm Labor Allocation Decisions?  
*Hiroki Uematsu, Ashok Mishra, and Sachin Chintawar, Louisiana State University*

Does Participation in 4-H Improve Schooling Outcomes? Evidence from Florida  
*Alfonso Flores-Lagunes and Troy Timko, University of Florida*

Do Large Firms with More Technologies Pay More  
*Li Yu and Yongjie Ji, Iowa State University*

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

### 2036 Experiments, Information, and Choice

Plaza Building, Concourse Level, Plaza Court 6

#### AAEA Selected Paper Session

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

**Moderator:** Robert Johnston, Clark University

#### Presentations:

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

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

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

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

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

### 2037 Marketing and Consumer Preference for Sustainable Agricultural Products

Plaza Building, Concourse Level, Plaza Court 7

#### AAEA Selected Paper Session

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

**Moderator:** Chengyan Yue, University of Minnesota

#### Presentations:

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

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

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

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

### 2038 Research Methods and Data Issues—Fitting the Procedure to the Process

Plaza Building, Concourse Level, Plaza Court 8

#### AAEA Selected Paper Session

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

**Moderator:** Charles Towe, University of Maryland

#### Presentations:

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

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

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

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

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

### 2039 Conservation and Ecosystem Services

Plaza Building, Concourse Level, Governor's Square 9

#### AERE Session

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

**Moderator:** David Finnoff, University of Wyoming

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

#### Presentations:

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

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

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

Does Ignoring Dynamic Price Effects in Reserve Design Models Lead to Suboptimal Reserves? A Two-Period Linear Integer Site Selection Model

*Sahan Dissanayake and Hayri Onal, University of Illinois at Urbana-Champaign*

The Economics of Optimal Stopping

*Graham Davis and Robert Cairns, Colorado School of Mines*

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

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

### **AERE Session**

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

**Moderator:** Sean B. Cash, University of Wisconsin

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

### **Presentations:**

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

*Takehiro Usui, Soka University*

Determinants of Trade in Recyclable Wastes Between Developing and Developed Countries

*Shunsuke Managi, Tohoku University; Keisaku Higashida, Kwansai Gakuin University*

Business Participation in Electricity Demand Management Programs

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

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

*Nicholas Muller, Middlebury University*

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

### **AAEA Organized Symposium**

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

**Organizer:** Chen Zhen and Mary Muth, RTI International

**Moderator:** Jayson Lusk, Oklahoma State University

### **Presentations:**

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

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

Food Safety Information Impacts On within-Species Purchase Decisions

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

Food Prices and Food Choices

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

**2042 Propensity Score Matching: Learning How and When to Use This Technique**

*Plaza Building, Concourse Level, Governor's Square 12*

### **Econometrics Section Track Session**

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

**Organizer:** Jeffrey Dorfman, University of Georgia

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

### **Presentations:**

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

Propensity Score Matching: Experience with Land Use Applications

*Loretta Lynch, University of Maryland*

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

2043



**Centennial Overview of Food and Agricultural Marketing Policy Issues**

*Plaza Building, Concourse Level, Governor's Square 14*

**FAMPS Track Session**

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

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

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

**Presentations:**

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

*Daniel Sumner, University of California, Davis*

Ag Economists at the Ramparts: Speculation and Commodity Futures Markets

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

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

*Janet Perry, USDA-Economic Research Service*

2044

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

*Plaza Building, Concourse Level, Governor's Square 15*

**AAEA Invited Paper Session**

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

**Organizer:** Wyatt Thompson, University of Missouri

**Moderator:** Patrick Westhoff, University of Missouri

**Discussant:** Vernon Eidman, University of Minnesota

**Presentations:**

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

Supply of Cellulosic Biofuel Feedstocks and Regional Production Patterns

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

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

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

2045

**Performance Implications of Sustainability Initiatives in Agri-food Companies**

*Plaza Building, Concourse Level, Governor's Square 16*

**AEM Section and CWAE Track Session**

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

**Organizer:** Vincent Amanor-Boadu, Kansas State University

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

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

**Presentations:**

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

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

CEOs and the Sustainability Initiatives of Publicly-traded Agribusiness Firms

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

2046

**Agricultural Development Challenges: Lessons from Africa and the Caribbean**

*Plaza Building, Concourse Level, Governor's Square 17*

**COSBAE Track Session**

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

**Organizer:** William Amponsah, Georgia Southern University

**Moderator:** William Amponsah, Georgia Southern University

**Discussant:** Andrew Muhammad, USDA-Economic Research Service

**Presentations:**

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

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

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

*Athur Mabiso, Michigan State University*

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

### 2047 Risk and Uncertainty

*Tower Building, Terrace Level, Beverly Room*

#### AAEA Selected Paper Session

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

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

#### **Presentations:**

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

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

Climate Change, Risk, and Grain Production in China  
*Rainer Wilhelm Holst, Xiaohua Yu, and Carola Grün, Georg-August-Universität Göttingen*

Yield and Area Elasticities: A Cost Function Approach with Uncertainty

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

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

*Timothy A. Delbridge, University of Minnesota*

### 2048 Rural Labor and Land Markets

*Tower Building, Mezzanine Level, Century Room*

#### AAEA Selected Paper Session

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

**Moderator:** Carmen Carrion-Flores, University of Florida

#### **Presentations:**

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

*Thomas Hertz and Stacy Sneeringer, USDA-Economic Research Service*

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

*Benoît A. Delbecq and Raymond Florax, Purdue University*

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

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

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

*Tower Building, Mezzanine Level, Colorado Room*

#### AAEA Selected Paper Session

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

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

#### **Presentations:**

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

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

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

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

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

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

### 2050 Public Policy, Health, and Food

*Tower Building, Mezzanine Level, Denver Room*

#### AAEA Selected Paper Session

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

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

#### **Presentations:**

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

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

Taxing Sweets: Sweetener Input Tax or Final Consumption Tax?

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

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

*Abigail Okrent and Julian Alston, University of California, Davis*

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

### 2051 Empirical Poverty Analysis

*Tower Building, Mezzanine Level, Gold Room*

#### AAEA Selected Paper Session

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

**Moderator:** Paulo Santos, University of Sydney

#### Presentations:

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

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

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

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

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

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

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

*Russell Toth, Cornell University*

### 2052 Labeling and Geographic Indications

*Tower Building, Mezzanine Level, Silver Room*

#### AAEA Selected Paper Session

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

**Moderator:** David Schweikhardt, Michigan State University

#### Presentations:

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

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

Quality Certification by Geographical Indications, Trademarks, and Firm Reputation

*Luisa Menapace and GianCarlo Moschini, Iowa State University*

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

*Alexander Saak, International Food Policy Research Institute*

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

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

### 2053 Product Differentiation

*Tower Building, Mezzanine Level, Spruce Room*

#### AAEA Selected Paper Session

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

**Moderator:** Tian Xia, Kansas State University

#### Presentations:

Firm Survival and Quality Labels in the Food Industry

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

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

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

Evaluating the Unilateral Price and Variety Effects of Horizontal Mergers

*Geoffrey Pofahl and Jared Carlson, Arizona State University*

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

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

### 2054 Crop Insurance

*Tower Building, Terrace Level, Terrace Room*

#### AAEA Selected Paper Session

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

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

#### Presentations:

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

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

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

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

Efficiency Evaluation of Alternative Yield Models for Crop Insurance Rating Applications

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

The Design of Multi-year Crop Insurance Contracts

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



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

**2055 Nutrition and Food Safety**  
*Tower Building, Second Level, Tower Court A*

### CAES Selected Presentation Session

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

**Moderator:** Richard Gray, University of Saskatchewan

#### **Presentations:**

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

*Brandon Schaufele and David Sparling, University of Western Ontario*

Demand for Nutrients in Chain Restaurants in Canada

*Jeevani R. Fernando and Ellen Goddard, University of Alberta*

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

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

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

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

**2056 Dynamics of Farm Household Income and Investments in Cooperatives**

*Tower Building, Second Level, Tower Court B*

### CAES Selected Presentation Session

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

**Moderator:** Wayne Thompson, Saskatchewan Canola Growers Association

#### **Presentations:**

Examining the Dynamics of Household Income of Farm Families in Canada

*Kenneth Poon and Alfons Weersink, University of Guelph*

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

*Edward Olale and Hina Nazli, University of Guelph*

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

*Florentina N. Uzea and Murray Fulton, University of Saskatchewan*

Horizon and Free Rider Problems in Cooperative Organizations

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

**2057 Water Resource Management**  
*Tower Building, Second Level, Tower Court C*

### CAES Selected Presentation Session

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

**Moderator:** Tasneem Virani, University of Guelph

#### **Presentations:**

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

*Danny LeRoy, University of Lethbridge*

Implementing Proportional Water Sharing as a Water Allocation Rule

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

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

*Chatura Pulasinghage and Brady Deaton, University of Guelph*

Establishing Indicators of Efficient Water Use for Southern Alberta Irrigation Districts

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

**2058 Farm-level Models for Policy Development**

*Tower Building, Second Level, Tower Court D*

### CAES Organized Symposium

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

**Organizer:** Nathan Niu, Agriculture and Agri-Food Canada

**Moderator:** David Culver, Agriculture and Agri-Food Canada

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

#### **Presentations:**

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

*Arden Esqueda, Forecasting and Program Analysis*

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

*Russell Lawrence and James Nolan, University of Saskatchewan*

The Canadian Agriculture Dynamic Micro-Simulation Model (CADMS)

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

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

Monday, July 26, 2010

4:00 PM-5:30 PM

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

### GSS Track Session

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

**Moderator:** Per Bylund, University of Missouri

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


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

### TLC Section Track Session

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

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

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

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

### FSN Section Track Session

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

**Organizer:** Laurian Unnevehr, USDA-Economic Research Service

**Moderator:** Mary Muth, RTI International

#### Presentations:

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

*Laurian Unnevehr, USDA-Economic Research Service*

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

*James Eales, Purdue University*

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

*Helen Jensen, Iowa State University*

Information and Quality: What Do Those Darn Consumers Want?

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

**2062 Food Consumption Trends in Urban China, Implications for International Agricultural Markets**

*Plaza Building, Concourse Level, Plaza Court 4*

### International Section Track Session

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

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

**Moderator:** Thomas Wahl, North Dakota State University

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

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

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

### Extension Section and Senior Section Track Session

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

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

**Moderator:** Matthew Roberts, The Ohio State University

#### Presentations:

Is Agriculture a Source of Greenhouse Gas Emissions or Offsets?

*Raymond Massey, University of Missouri*

Agriculture and Carbon Markets: Lessons Learned

*David Miller, AgraGate Climate Credits Corporation*

How Does Agriculture Fare Under Cap and Trade Proposals?

*Joe Outlaw, Texas A&M University*

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

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

#### AAEA Selected Paper Session

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

**Moderator:** Michael Livingston, USDA-Economic Research Service

#### **Presentations:**

Market-based Instruments for the Optimal Control of Invasive Insect Species

*Timothy Richards, Arizona State University; Russell Tronstad, University of Arizona*

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

*Jason Maupin and George Norton, Virginia Tech*

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

*Erik Lichtenberg and Lars Olson, University of Maryland*

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

#### AAEA Selected Paper Session

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

**Moderator:** Cesar L. Escalante, University of Georgia

#### **Presentations:**

The Relative Cost Efficiencies of Commercial Banks, Rural Financial Institutions, and Microfinance Institutions in China

*Ya Wu, Cesar L. Escalante, and Lewell F. Gunter, University of Georgia*

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

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

An Analysis of the Financial Performance of Beginning Farmers

*Ani Katchova, University of Kentucky*

Patronage Refunds of Farm Credit System Associations: A Logistic Model

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

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

#### AAEA Selected Paper Session

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

**Moderator:** Loretta Lynch, University of Maryland

#### **Presentations:**

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

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

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

*Nicholas Magnan and Douglas Larson, University of California, Davis*

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

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

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

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

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

#### AERE Session

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

**Moderator:** Craig Bond, Colorado State University

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

#### **Presentations:**

The Regulation of a Spatial and Dynamic Externality: Tradable Ground-Water Permits for the Protection of Instream Flows

*Yusuke Kuwayama and Nicholas Brozovic, University of Illinois at Urbana-Champaign*

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

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

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

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

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

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

*Plaza Building, Concourse Level, Governor's Square 10*

#### **AAEA Organized Symposium**

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

**Organizer:** Lars Brink, Agriculture and Agri-Food Canada

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

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

**Discussant:** Kurt Klein, University of Lethbridge

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

*Plaza Building, Concourse Level, Governor's Square 11*

#### **AAEA Organized Symposium**

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

**Discussant:** William Masters, Purdue University

#### **Presentations:**

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

*Paul McNamara, University of Illinois at Urbana-Champaign*

Enhancing Nutrient Flows to Support Health Intervention: A Foodshed Approach

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

Addressing Inadequate Nutrient Intakes: A Cross-Country Comparison

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

### 2070 **Genetically Modified Food and Global Welfare—I**

*Plaza Building, Concourse Level, Governor's Square 12*

#### **AAEA Organized Symposium**

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

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

#### **Presentations:**

Current and Potential Implications of Agricultural Biotechnology for Developing Countries

*Terri Raney, Food and Agriculture Organization of the United Nations*

Biotech and Biofuels

*David Zilberman, University of California, Berkeley*

Implications of Emerging Applications of Biotechnology to Agriculture

*Robert Herdt, Cornell University*

The Pricing of Genetically Modified Corn in the United States

*Jean-Paul Chavas, University of Wisconsin*

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

*Plaza Building, Concourse Level, Governor's Square 14*

#### **COSBAE Track Session**

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

**Moderator:** Deacue Fields III, Auburn University

#### **Presentations:**

Policy Perspectives on the Local Food Issues

*Henry Bahn, USDA-National Institute of Food and Agriculture*

Economics of Food Deserts in Urban Centers

*Dave Weatherspoon, Michigan State University*

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

*Duncan M. Chembezi, Alabama A&M University*

Opportunities in Local Food Systems

*Maria Marshall, Purdue University*

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

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

Plaza Building, Concourse Level, Governor's Square 15

#### AAEA Invited Paper Session

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

**Organizer:** Hikaru Hanawa Peterson, Kansas State University

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

#### Presentations:

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

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

Consumer Preferences for Product Origin and Scale of Supply Chain Operations: The Case of Processed Organic Foods

*Hikaru Hanawa Peterson and Xianghong Li, Kansas State University*

Strategic Behavior of Food Retailers: Private Label Organic Products

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

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

Plaza Building, Concourse Level, Governor's Square 16

#### IBES Track Session

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

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

**Moderator:** David R. Just, Cornell University

**Discussant:** Philip Wandschneider, Washington State University

#### Presentations:

An Empirical Test of the Relative Importance of Selfishness of Preferences

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

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

*Marianna Khachatryan and Gary Lynne, University of Nebraska*

### 2074 Econometric Examinations of Agricultural Productivity and Technological Change

Tower Building, Terrace Level, Beverly Room

#### AAEA Selected Paper Session

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

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

#### Presentations:

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

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

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

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

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

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

Agricultural R&D Lags from a Dual Perspective

*Matthew Andersen and Xiaojia Yao, University of Wyoming*

### 2075 Economics of Biofuels

Tower Building, Mezzanine Level, Century Room

#### AAEA Selected Paper Session

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

**Moderator:** Jayson Beckman, USDA-Economic Research Service

#### Presentations:

The Impact of Biofuel Policy on Agribusiness Stock Prices

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

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

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

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

*Xiaolan Liu and Michael Farmer, Texas Tech University*

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

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

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

### 2076 Econometric/Research Methods in Consumer Demand and Health Analysis

*Tower Building, Mezzanine Level, Colorado Room*

#### AAEA Selected Paper Session

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

**Moderator:** Carlos Carpio, Clemson University

#### Presentations:

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

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

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

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

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

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

A Bayesian MCMC Approach to Censored System of Food Expenditures

*Panagiotis Kasteridis and Steven Yen, University of Tennessee*

### 2077 Commercial Fisheries Management

*Tower Building, Mezzanine Level, Denver Room*

#### AAEA Selected Paper Session

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

**Moderator:** Tina Willson, University of Wyoming

#### Presentations:

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

*Lisa Pfeiffer and Alan Haynie, NOAA Fisheries*

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

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

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

*Stephen Kasperski, National Marine Fisheries Service*

### 2078 Climate Change Impacts on International Agriculture

*Tower Building, Mezzanine Level, Gold Room*

#### AAEA Selected Paper Session

This session examines responses to climate change in developing countries.

**Moderator:** David S. Kraybill, The Ohio State University

#### Presentations:

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

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

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

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

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

Adaptation to Climate Change in a Rural Economy with Missing Markets

*David S. Kraybill, The Ohio State University*

### 2079 The Gravity of Technical Trade Barriers

*Tower Building, Mezzanine Level, Silver Room*

#### AAEA Selected Paper Session

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

**Moderator:** Sebastien Pouliot, Iowa State University

#### Presentations:

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

*Bo Xiong and John Beghin, Iowa State University*

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

*Norbert Wilson and Victoria Bray, Auburn University*

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

*Kathryn Boys, Clemson University; Jason Grant, Virginia Tech*

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

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

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

### 2080 Food Safety and Consumers

*Tower Building, Mezzanine Level, Spruce Room*

#### AAEA Selected Paper Session

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

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

#### Presentations:

Cognitive Dissonance under Food-borne Risk

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

Determinants of Survival of Spanish Consumers Facing the BSE Crisis

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

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

*Glynn Tonsor, Kansas State University*

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

*Seda Erdem and Dan Rigby, University of Manchester*

### 2081 Institutional Analysis of Natural Resource and Renewable Fuels

*Tower Building, Terrace Level, Terrace Room*

#### AAEA Selected Paper Session

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

**Moderator:** Michael Sykuta, University of Missouri

#### Presentations:

Local Institutions and Natural Resource Management  
*Margaret Snell and Kathleen Bell, University of Maine*

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

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

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

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

### 2082 Milk Production and Marketing in Ontario

*Tower Building, Second Level, Tower Court A*

#### CAES Selected Presentation Session

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

**Moderator:** Brandon Schaufele, University of Western Ontario

#### Presentations:

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

*Shashini Ratnasena and Getu Hailu, University of Guelph*

A Demand System for Major Dairy Products in Ontario

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

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

*Getu Hailu and Brady Deaton, University of Guelph*

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

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

### 2083 Natural Resource and Environmental Policy Analysis

*Tower Building, Second Level, Tower Court B*

#### CAES Selected Presentation Session

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

**Moderator:** Brady Deaton, University of Guelph

#### Presentations:

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

*Kenneth Poon, University of Guelph*

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

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

Cost-effectiveness of BMP Adoption: A Case Study Approach  
*Al Mussell and Claudia Schmidt, George Morris Centre*

Tree-base Intercropping in Eastern North America

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

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

### 2084 Niche Marketing and Evolving Consumer Preferences

*Tower Building, Second Level, Tower Court C*

#### CAES Selected Presentation Session

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

**Moderator:** Paul J. Thomassin, McGill University

#### Presentations:

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

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

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

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

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

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

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

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

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

*Tower Building, Second Level, Tower Court D*

#### CAES Organized Symposium

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

**Organizer:** Ryan Cardwell, University of Manitoba

**Moderator:** Ryan Cardwell, University of Manitoba

#### Presentations:

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

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

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

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

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

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

The Korea-Canada FTA: Conflict over Beef

*Richard Barichello, University of British Columbia*

Tuesday, July 27, 2010

8:00 AM-9:30 AM

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

*Plaza Building, Concourse Level, Plaza Court 1*

#### CWAE and TLC Section Track Session

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

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

**Moderator:** Paul Wilson, University of Arizona

#### Presentations:

Doing More with Less

*Bruce Beattie, University of Arizona*

Teaching Cases in Large Classrooms

*Lisa House, University of Florida*

Preserving Classroom Learning in Large Classes

*Frank J. Dooley, Purdue University*

### 3002 New Evidence on the Structure of Agricultural and Food Markets

*Plaza Building, Concourse Level, Plaza Court 2*

#### FAMPS Track Session

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

**Organizer:** Joseph V. Balagtas, Purdue University

**Moderator:** Joseph V. Balagtas, Purdue University

#### Presentations:

Estimating Market Power of U.S. Dairy Cooperatives

*Joseph V. Balagtas and Metin Cakir, Purdue University*

Price Analysis of the U.S. Biotech Seed Market

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

Are Food Prices Always Lower at Wal-Mart?

*Ephraim Leibtag and Catherine Barker, USDA-Economic Research Service*

Breakfast of Champions: Pricing Relationships in Milk and Cereal

*Timothy Richards and Geoffrey Pofahl, Arizona State University*



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

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

Plaza Building, Concourse Level, Plaza Court 3

#### AEM Section Track Session

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

**Organizer:** Michael Boehlje, Purdue University

**Moderator:** Christopher Peterson, Michigan State University

**Discussant:** Christopher Peterson, Michigan State University

#### Presentations:

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

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

Managing Innovation in the Bioeconomy  
*Allan Gray, Purdue University*

### 3004 Price Analysis and Carbon Management

Plaza Building, Concourse Level, Plaza Court 4

#### AAEA Selected Paper Session

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

**Moderator:** Kuo-Liang Chang, South Dakota State University

#### Presentations:

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

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

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

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

### 3005 Inferring WTP from Demand Estimates

Plaza Building, Concourse Level, Plaza Court 5

#### AAEA Selected Paper Session

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

**Moderator:** David Ward, University of Tennessee

#### Presentations:

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

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

*Francisco Aguilar and Wyatt Thompson, University of Missouri*

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

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

### 3006 Retail Strategies

Plaza Building, Concourse Level, Plaza Court 6

#### AAEA Selected Paper Session

This session includes proposed contributions related to retail strategy.

**Moderator:** Sven Anders, University of Alberta

#### Presentations:

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

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

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

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

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

### 3007 Food, Health, and Households

Plaza Building, Concourse Level, Plaza Court 7

#### AAEA Selected Paper Session

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

**Moderator:** Sean B. Cash, University of Wisconsin

#### Presentations:

Obesity and Labor Market Outcomes During the Transition in Russia

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

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

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

A Penny Saved: Prices over the Paycheck Cycle

*Timothy Beatty, University of York*

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

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

**3008 High Calorie Food Policies**  
*Plaza Building, Concourse Level, Plaza Court 8*

### AAEA Selected Paper Session

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

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

#### **Presentations:**

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

On Taxing Sugar-sweetened Beverages to Combat the Obesity Problem

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

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

*Matthew Salois and Richard Tiffin, University of Reading*

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

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

**3009 COSBAE's Role and Legacy of Achievements within AAEA**

*Plaza Building, Concourse Level, Governor's Square 10*

### AAEA Organized Symposium

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

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

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

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

3010



**AAEA Centennial: Environmental and Resource Economics**

*Plaza Building, Concourse Level, Governor's Square 11*

### AERE Session

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

**Moderator:** Charles Mason, University of Wyoming

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

#### **Presentations:**

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

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

Environmental Economics: How Agricultural Economists Helped Advance the Field

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

**3011 Fifty Years of Choice Modeling**

*Plaza Building, Concourse Level, Governor's Square 12*

### Econometrics Section Track Session

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

**Moderator:** Hector O. Zapata, Louisiana State University

#### **Presentations:**

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

Agricultural and Resource Economics Applications of Discrete Choice Models

*Joseph Herriges, Iowa State University*

A Guide for Estimating Choice Models with Competing Software Packages

*Jayson Lusk, Oklahoma State University*

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

### 3012 Risk Issues at the Interface of Extension and Research

*Plaza Building, Concourse Level, Governor's Square 14*

#### ARA Section and Extension Section Track Session

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

**Organizer:** Gregory Ibendahl, Mississippi State University

#### **Presentations:**

Marketing Risk

*John Anderson, American Farm Bureau Federation*

Production Risk

*Steven Klose, Texas A&M University*

Financial Risk

*Brent Gloy, Cornell University*

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

*Plaza Building, Concourse Level, Governor's Square 15*

#### AAEA Invited Paper Session

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

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

**Moderator:** Bruce McCarl, Texas A&M University

**Discussant:** Bruce McCarl, Texas A&M University

#### **Presentations:**

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

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

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

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

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

*Ian Sheldon, The Ohio State University*

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

*Plaza Building, Concourse Level, Governor's Square 16*

#### China Section Track Session

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

**Organizer:** Scott Rozelle, Stanford University

**Moderator:** Jikun Huang, Center for Chinese Agricultural Policy

#### **Presentations:**

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

*Emi Uchida, University of Rhode Island*

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

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

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

*Qiuqiong Huang, University of Minnesota*

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

*Plaza Building, Concourse Level, Governor's Square 17*

#### FSN Section and IBES Track Session

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

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

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

#### **Presentations:**

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

*Mark Agee, Pennsylvania State University*

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

*Mariah D. Ehmke, University of Wyoming*

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

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

### 3016 Renewable Fuels/Biofuels and Trade

*Tower Building, Terrace Level, Beverly Room*

#### AAEA Selected Paper Session

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

**Moderator:** Harry de Gorter, Cornell University

#### Presentations:

The Effects of Alternative Energy Sources on the International Oil Market

*Gal Hochman and David Zilberman, University of California, Berkeley*

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

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

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

Ethanol Trade between Brazil and the United States

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

### 3017 Spatial Analysis of Land Use and the Environment

*Tower Building, Mezzanine Level, Century Room*

#### AAEA Selected Paper Session

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

**Moderator:** Kristiana Hansen, University of Wyoming

#### Presentations:

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

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

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

Monitoring of Compliance in Western Australian Conservation Contracts

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

### 3018 Childhood Nutrition and Health

*Tower Building, Mezzanine Level, Colorado Room*

#### AAEA Selected Paper Session

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

**Moderator:** Christopher B. Barrett, Cornell University

#### Presentations:

Socioeconomic Distance as a Determinant of Female Autonomy and Child Welfare

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

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

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

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

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

### 3019 Contracts

*Tower Building, Mezzanine Level, Denver Room*

#### AAEA Selected Paper Session

This session presents new developments in contracts and supply chain.

**Moderator:** Brent Hueth, University of Wisconsin

#### Presentations:

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

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

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

Optimal Contracting for Cattle Feeding: An Assessment of Climatic Conditions

*Shaikh M. Rahman, Texas Tech University*

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

### 3020 Production Function

*Tower Building, Mezzanine Level, Gold Room*

#### AAEA Selected Paper Session

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

**Moderator:** Catherine Morrison Paul, University of California, Davis

#### Presentations:

Distinguishing Different Industry Technologies and Localized Technical Change

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

A Fully Calibrated Generalized CES Programming Model of Agricultural Supply

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

An Unbalanced Nested Error Component Model for Estimating Pest Damage Functions

*Paul Mitchell and Zhe Dun, University of Wisconsin*

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

### 3021 Transgenic Corn: Innovation and Adoption

*Tower Building, Mezzanine Level, Silver Room*

#### AAEA Selected Paper Session

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

**Moderator:** Maria Useche, University of Florida

#### Presentations:

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

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

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

*Paul Jaramillo and Maria Useche, University of Florida*

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

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

*Elizabeth Nolan and Paulo Santos, University of Sydney*

### 3022 Climate Change, Environment, and Trade

*Tower Building, Mezzanine Level, Spruce Room*

#### AAEA Selected Paper Session

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

**Moderator:** Sharon Shewmake, University of California, Davis

#### Presentations:

Impacts of Regulating Greenhouse Gas Emissions on Livestock Trade Flows

*Hyun Seok Kim and Won Koo, North Dakota State University*

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

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

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

*Sarma B. Aralas and John Hoehn, Michigan State University*

### 3023 Ecological and Biological Risks

*Tower Building, Terrace Level, Terrace Room*

#### AAEA Selected Paper Session

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

**Moderator:** Travis Lybbert, University of California, Davis

#### Presentations:

Spatio-temporal Model for Agricultural Yield Prediction

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

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

*Kimberly Rollins and Mimako Kobayashi, University of Nevada at Reno*

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

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

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

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

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

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

### CAES Selected Presentation Session

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

**Moderator:** Danny LeRoy, University of Lethbridge

#### Presentations:

Acreage Response for Processing Vegetables in the Great Lakes Region

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

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

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

Impact of Preferential Tax Measures in the Performance of Canadian Agriculture

*Fabrice Nimpagariste, Government of Canada*

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

### CAES Selected Presentation Session

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

**Moderator:** Alison J. Eagle, Duke University

#### Presentations:

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

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

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

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

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

The Economic Feasibility of Bioenergy Production from Miscanthus on the Ontario Greenhouse Industry

*Tasneem Virani, Richard Vyn, and Bill Deen, University of Guelph*

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

### CAES Organized Symposium

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

**Organizer:** Bruno Larue, Université Laval

**Moderator:** Bruno Larue, Université Laval

#### Presentations:

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

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

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

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

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

*Jill Hobbs, University of Saskatchewan*

## Tuesday, July 27, 2010

8:30 AM-9:30 AM

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

### WAEA Organized Symposium

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

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

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

**3029 Current Agribusiness and Food Business Policy Issues**

*Plaza Building, Street Level, Director's Row H*

### WAEA Organized Symposium

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

**Moderator:** Gulnara R. Zaynutdinova, Washington State University

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

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

Tuesday, July 27, 2010

9:45 AM-11:15 AM

### 3030 Graduate Student Competition in Extension—Winners' Presentations

*Plaza Building, Concourse Level, Plaza Court 1*

#### Extension Section and GSS Track Session

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

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

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

**Panelist:** Frayne Olson, North Dakota State University

3031



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

*Plaza Building, Concourse Level, Plaza Court 2*

#### International Section Track Session

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

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

#### Presentations:

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

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

*Plaza Building, Concourse Level, Plaza Court 3*

#### International Section Track Session

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

**Moderator:** William Meyers, University of Missouri

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

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

### 3033 Biofuel and Alternative Energy

*Plaza Building, Concourse Level, Plaza Court 4*

#### AAEA Selected Paper Session

The papers in this session address issues related to biofuel production. One paper examines how the biofuel industry has changed drivers of producer land allocation decisions and explores how the passage of the 1996 Fair Act impacted crop allocations in the Southern United States. The other paper evaluates environmental efficiencies among a sample of corn ethanol plants in the Midwest. It examines differences across decision-making units (DMUs) in life-cycle CO<sub>2</sub>-equivalent emissions per gallon of ethanol produced and measures shadow prices for reducing GHGs by reallocating among inputs and outputs.

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

#### Presentations:

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

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

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

### 3034 Health and Food Behavior

Plaza Building, Concourse Level, Plaza Court 5

#### AAEA Selected Paper Session

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

**Moderator:** Seda Erdem, University of Manchester

#### Presentations:

Consumer Demand for Healthy Diet: New Evidence from Healthy Eating Index  
*Zhifeng Gao and Jonq-Ying Lee, University of Florida; Xiaohua Yu, Georg-August-Universität Göttingen*

Adult Obesity and Food Stores' Density—Evidence from State-level Data  
*Alessandro Bonanno and Stephan Goetz, Pennsylvania State University*

The Effects of Educational Campaign Efforts and Standardization of Nutritional Labels of the Nutrition Labeling and Education Act (NLEA) on Diet Quality  
*Jebaraj Asirvatham and Paul McNamara, University of Illinois at Urbana-Champaign*

### 3035 Product Marketing, Strategy, and Pricing

Plaza Building, Concourse Level, Plaza Court 6

#### AAEA Selected Paper Session

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

**Moderator:** Leigh Maynard, University of Kentucky

#### Presentations:

Willingness-to-Pay for New Products in a University Foodservice Setting  
*Ronald Childress, Lucas Goodman, Xiao He, Sam Kaninda Tshikala, Marie Pelton, Devie Poerwanto, Chinh Tran, Michele Vollaro, Zijuan Zheng, Guzhen Zhou, and Leigh Maynard, University of Kentucky*

Farmers Markets: Characteristics of Market Managers and Other Factors Influencing Market Organization  
*Arbindra Rimal, Jessica E. Bailey, and Benjamin Onyango, Missouri State University*

Impact of Alternative Market Orientation Strategies on Firm Performance: Customer vs. Competitor Orientation  
*Eric Micheels, University of Illinois at Urbana-Champaign; Hamish Gow, Massey University*

### 3036 Input Policies

Plaza Building, Concourse Level, Plaza Court 7

#### AAEA Selected Paper Session

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

**Moderator:** Elizabeth Yeager, Kansas State University

#### Presentations:

Efficient Refuge Policies for Bt Cotton in India  
*Rohit Singla, Phillip Johnson, and Sukant Misra, Texas Tech University*

Impact of Land Readjustment Projects on Farmland Use and Structural Adjustment: The Case of Niigata Prefecture  
*Yutaka Arimoto, University of Tokyo*

Agricultural Employment Patterns of Migrant Workers in the United States  
*Jennifer E. Cairns and Francis C. Smart, Michigan State University; Steven Zahniser, USDA-Economic Research Service; William Kandel, Michigan State University*

Benefits to Regional Pest Management: Estimating the Spatial Externalities of Conventional Pesticide Use on Beneficial Insects in the California Citrus Industry  
*Kelly A. Grogan, University of California, Davis*

### 3037 Food Security

Plaza Building, Concourse Level, Plaza Court 8

#### AAEA Selected Paper Session

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

**Moderator:** Koichi Yamaura, Kansas State University

#### Presentations:

Long-term Effects of the U.S. Renewable Fuel Standard on World Hunger  
*Henry Bryant, Jiamin Lu, James Richardson, and Joe Outlaw, Texas A&M University*

Potential Implications of the Special Safeguard Mechanism (SSM) in Agriculture  
*Thomas W. Hertel, Purdue University; William Martin, World Bank; Amanda Leister, Purdue University*

Food Consumption for the Poor: A Supply or An Income Issue? Evidence from Less-favored Regions in Rural China  
*Jing Zhu, Nanjing Agricultural University; Denise Hare, Reed College; Funing Zhong, Nanjing Agricultural University*

The Role of Exchange Rates and Domestic Policies on Global Rice Food Security  
*Nelissa Jamora, Michigan State University; Harold Glenn Valera, Mary Joanne Matriz, Imelda Molina, and Samarendu Mohanty, International Rice Research Institute;*



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

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

### AERE Session

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

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

### Presentations:

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

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

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

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

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

### AAEA Organized Symposium

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

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

### Presentations:

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

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

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

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

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

### AAEA Organized Symposium

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

**Organizer:** William Lazarus, University of Minnesota


### Presentations:

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

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

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

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

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

### CENET Track Session

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

**Organizer:** Elena Irwin, The Ohio State University

**Moderator:** Daniel Monchuk, University of Southern Mississippi

### Presentations:

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

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

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

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

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

*Plaza Building, Concourse Level, Governor's Square 14*

#### **IBES Track Session**

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

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

**Moderator:** Laura McCann, University of Missouri

**Discussant:** David Schweikhardt, Michigan State University

#### **Presentations:**

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

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

### 3043 **Invited Paper Session Featuring Selected Case Studies**

*Plaza Building, Concourse Level, Governor's Square 15*

#### **AAEA Invited Paper Session**

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

**Moderator:** Thomas Sporleder, The Ohio State University

**Discussant:** Christopher Peterson, Michigan State University

#### **Presentations:**

Natural Selection: 2006 E. Coli Recall  
*Jean Kinsey, Jeff Rush, and Xudong Ma, University of Minnesota; Jon Seltzer, University of St. Thomas*

Rembrandt Foods, Broken Eggs  
*Kevin Kimle, Iowa State University*

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

### 3044 **Women in Agricultural Economics: A Centennial Celebration**

*Plaza Building, Concourse Level, Governor's Square 16*

#### **CWAE Track Session**

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

**Organizer:** Maria Marshall, Purdue University

**Moderator:** Catherine Kling, Iowa State University

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

### 3045 **New Advances in the Cooperative Life Cycle Framework**

*Plaza Building, Concourse Level, Governor's Square 17*

#### **AEM Section Track Session**

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

**Organizer:** Fabio Chaddad, University of Missouri

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

#### **Presentations:**

A Cooperative Life Cycle Framework  
*Michael Cook and Molly Burress, University of Missouri*

The Life Cycle Framework as a Diagnostic Tool: Regenerative Options in the Indian Cooperative Dairy Sector  
*Molly Burress and Michael Cook, University of Missouri*

Cooperative Degeneration: A Primer  
*Fabio Chaddad, University of Missouri*

### 3046 **Agricultural Trade and International Development**

*Tower Building, Terrace Level, Beverly Room*

#### **AAEA Selected Paper Session**

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

**Moderator:** Norbert Wilson, Auburn University

#### **Presentations:**

Special Safeguard Mechanisms for Developing Countries in the Doha Development Agenda  
*Heather A. Weeks and Jason Grant, Virginia Tech; Karl Meilke, University of Guelph; Michael McConnell, USDA-Economic Research Service*

Economic Significance of Selective Export Promotion on Poverty Reduction and Inter-sectoral Growth in Ethiopia  
*Zelalem Chala, Jason Grant, and George Norton, Virginia Tech*

How NAFTA Affected Poverty in Mexico  
*Rafael Garduno-Rivera and Kathy Baylis, University of Illinois at Urbana-Champaign*

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

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

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

### 3047 Price Risk Management in Agribusiness

*Tower Building, Mezzanine Level, Century Room*

#### AAEA Selected Paper Session

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

**Moderator:** Gabriel Power, Texas A&M University

#### Presentations:

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

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

*Jaclyn Kropp, Clemson University; Gabriel Power, Texas A&M University*

Multi-product Optimal Hedging by Time-varying Correlations in a State Dependent Model of Regime-switching

*Hernan A. Tejeda and Barry Goodwin, North Carolina State University*

Do Elevators Need a Bigger Umbrella? The Economic Value to Agribusiness Firms of Improved Multi-commodity Risk Management

*Dmitry Vedenov and Gabriel Power, Texas A&M University*

### 3048 Climate Policy

*Tower Building, Mezzanine Level, Colorado Room*

#### AAEA Selected Paper Session

This session includes a range of policy and management topics relating to climate change. Presentations include examinations of the interaction between energy policies and climate policies, as well as agricultural income effects of climate policy and low-carbon energy demand characteristics.

**Moderator:** Denis Nadolnyak, Auburn University

#### Presentations:

Carbon Abatement in the Fuel Market with Biofuel: Implications for Second-best Fuel Taxes

*Christine Lasco and Madhu Khanna, University of Illinois at Urbana-Champaign*

Modeling the Effects of Cap and Trade and a Carbon Offset Policy on Crop Allocations and Farm Income

*Lawton Lanier Nally, Michael Popp, and Corey Fortin, University of Arkansas; Aaron Smith, University of California, Davis*

Global Interactions between Bioenergy and Climate Policies

*Alla Golub and Thomas W. Hertel, Purdue University; Steven Rose, Electric Power Research Institute; Brent L. Sohngen, The Ohio State University*

Institutional Management of Greenhouse Gas Emissions: How Much Does "Green" Reputation Matter?

*Timothy Komarek, Frank Lupi, Michael Kaplowitz, and Lauri Thorp, Michigan State University*

### 3049 Water Quality, Quantity, and Policy

*Tower Building, Mezzanine Level, Denver Room*

#### AAEA Selected Paper Session

Policy, law, and markets relating to water are complex. This session examines the impacts of policy on water quality in agricultural and urban settings, as well as an examination of water quality trading markets.

**Moderator:** Marc Ribaud, USDA-Economic Research Service

#### Presentations:

Effects of Clean Water Act Regulations on Firm Decisions in Agriculture

*Stacy Sneeringer and Nigel Key, USDA-Economic Research Service*

Simulation of Factors Impeding Water Quality Trading Market Performance

*Craig M. Smith, Jeffrey M. Peterson, and John C. Leatherman, Kansas State University*

Does Efficient Irrigation Technology Lead to Reduced Groundwater Extraction? Empirical Evidence

*Lisa Pfeiffer, NOAA Fisheries; C.-Y. Cynthia Lin, University of California, Davis*

Price Endogeneity and Marginal Cost Effects on Incentive Compatible Stormwater Management Policies

*Matthew C. Huber, David B. Willis, John C. Hayes, and Charles V. Privette III, Clemson University*

### 3050 Credit, Insurance, and Economic Development

*Tower Building, Mezzanine Level, Gold Room*

#### AAEA Selected Paper Session

Microfinance has revolutionized the economic development field in recent decades and has sparked a flurry of empirical research on financial services among the poor. This work has broad policy relevance and has also broadly raised the methodological rigor of research in applied economics. These papers highlight recent advances in our understanding of credit, insurance, and empirical research methods in this area.

**Moderator:** Christine Moser, Western Michigan University

#### Presentations:

Ethnic Networks and Enterprise Credit: The Serahules of the Gambia

*Ousman Gajigo, World Bank; Jeremy Foltz, University of Wisconsin*

Encouragement Designs and Heterogeneous Effects in Agricultural Insurance: Challenges for Impact Evaluations in Agricultural Insurance Interventions

*Conner C. Mullally, Stephen Boucher, and Michael Carter, University of California, Davis*

How High Is Too High? Soaring Interest Rates and the Elasticity of Demand for Credit in Microfinance

*Gabriela Salazar, Calum Turvey, and Vicki Bogan, Cornell University*

Formal and Informal Credit Markets and Rural Credit Demand in China

*Sai Tang, Harbin Institute of Technology; Zhengfei Guan and Songqing Jin, Michigan State University*

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

### 3051 Private Provision of Ecosystem Services

*Tower Building, Mezzanine Level, Silver Room*

#### AAEA Selected Paper Session

This session explores agricultural producers and private landowners' incentives for providing ecosystem services. Methods include bioeconomic modeling and preference elicitation. The role of green payments, landowner characteristics, alternative payment vehicles, and honey bee "wages" are considered.

**Moderator:** Matthew Salois, University of Reading

#### Presentations:

The Dynamics of Pollination Markets

*Antoine Champetier de Ribes, University of California, Davis*

The Supply of Private Acreage for Public Recreational Use in Southern and Central Appalachia

*Zheng Liu, Angelos Pagoulatos, and Wuyang Hu, University of Kentucky*

Marketed and Non-marketed Outputs: The Marginal Cost of Producing Ecosystem Services

*Johannes Sauer and Grada Wossink, University of Manchester*

Do Stated Preference Values Predict Revealed Behavior in "New" Markets for Ecosystem Services? A Comparison of Experiments Addressing Establishing a Market for Farmland Ecosystem Services

*Julie I. Santos, Emi Uchida, Christopher M. Anderson, and Stephen Swallow, University of Rhode Island*

### 3052 Household Decision-making

*Tower Building, Mezzanine Level, Spruce Room*

#### AAEA Selected Paper Session

This session provides an international perspective on a variety of household decisions in areas such as breastfeeding and formal employment, household savings, and migration.

**Moderator:** Oluyemisi Kuku, Iowa State University

#### Presentations:

Intra-household Bargaining under Asymmetric Information: Modeling Income Hiding within the Household

*Carolina Castilla, The Ohio State University*

Sex-induced Savings: Are India's Gender Imbalances Inducing Higher Pre-marital Savings and Investment?

*Alice Chiu, Derek Headey, and Xiaobo Zhang, International Food Policy Research Institute*

Intra-household Time Allocation and Labor Migration Decisions in Rural South China

*Lin Zhang and Jill Findeis, Pennsylvania State University*

### 3053 Market and Price Analysis of Agricultural Products in Asian Pacific Countries

*Tower Building, Terrace Level, Terrace Room*

#### AAEA Selected Paper Session

This session highlights the market and price analysis of a variety of agricultural products in several Asian-Pacific countries; consumers' willingness-to-pay for modified food in Republic of Korea and consumers' willingness-to-pay for wine in China; and the cotton market in India and the rice market in Bangladesh.

**Moderator:** Carola Grebitus, University of Bonn

#### Presentations:

Effects of Information and Country of Origin on Chinese Consumer Preferences for Wine

*Hainan Wang, Washington State University*

Determinants of Decision to Pay a Price Premium for Modified Food by Consumers of the Republic of Korea

*Ozgur Kaya and Wojciech J. Florkowski, University of Georgia; Dong-Kyun Suh, Rural Development Administration*

Markets, Institutions, and the Quality of Agricultural Products: Cotton Quality in India

*Stephen MacDonald, USDA-Economic Research Service; Gopal Naik, India Institute of Management; Maurice Landes, USDA-Economic Research Service*

Testing Asymmetric Price Transmission in the Deregulated Rice Markets in Bangladesh

*Mohammad J. Alam, Ghent University; Ismat A. Begum, Bangladesh Agricultural University; Jeroen Buysse, Ghent University; Andrew M. McKenzie and Eric J. Wailes, University of Arkansas; Guido Van Huylenbroeck, Ghent University*

### 3054 The Economics of Functional Foods

*Tower Building, Second Level, Tower Court A*

#### CAES Selected Presentation Session

This session examines the factors affecting the research and development of functional foods and consumer preferences and acceptance of associated health claims.

**Moderator:** Claudia Schmidt, George Morris Centre

#### Presentations:

Functional Foods and Incentives to Innovate

*Stavroula Malla, University of Lethbridge; Richard Gray, University of Saskatchewan*

"Full Labeling" or "Partial Labeling" in Canadian Consumer's Functional Food Choices

*Ningning Zou, University of Saskatchewan*

Economic Effects of the Consumer-oriented GM Products in Markets with a Labeling Regime

*Rim Lassoued, University of Saskatchewan; Konstantinos Giannakas, University of Nebraska*

Niche Markets and Willingness-to-Pay for Disease-specific Functional Juices

*Gale E. West, Université Laval; Patrick Verreault, Agriculture and Agri-Food Canada; Bruno Larue, Université Laval*

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

### 3055 Natural Resource Economics

*Tower Building, Second Level, Tower Court B*

#### CAES Selected Presentation Session

This session presents papers that examine the effects of green economic policies and climate change on agricultural land use, and look at the economics of Canada's natural resource sector.

**Moderator:** Alfons Weersink, University of Guelph

#### Presentations:

The Impact of Climate and Price Changes on the Economics of Prairies Agriculture: Climate vs. Price

*Afshin Amiraslany and Richard Gray, University of Saskatchewan*

Economic and Environmental Impacts of Land Use Change from Green Economic Policies

*Aaron V. De Laporte and Alfons Weersink, University of Guelph; Dan McKenney and Denys Yemshanov, Natural Resources Canada*

Modeling Changes in Agricultural Land Use in the Canadian Prairies with Climate Change

*Susan Robertson, University of Alberta*

Has Canada Caught Dutch Disease?

*Mohammad Shakeri and Richard Gray, University of Saskatchewan*

### 3056 International Trade

*Tower Building, Second Level, Tower Court C*

#### CAES Selected Presentation Session

This session theoretically and empirically explores issues involving interpersonal trade across geopolitical boundaries.

**Moderator:** David Orden, International Food Policy Research Institute

#### Presentations:

A Reexamination of Factors Affecting United States Softwood Lumber Imports from Canada

*Jungho Baek, University of Alaska*

Food Aid, Gravity, Political Convergence, and Good Governance

*Francis Langlois, Bruno Larue, and Erick Duchesne, Université Laval*

Comparative Advantage: From an Individual to the Economy

*Predrag Rajsic, University of Guelph*

Trade Barriers in the Presence of Changing Firm Behavior: The Case of the Canadian Hog and Pork Industry

*Yingchun Dai and Ellen Goddard, University of Alberta*

### 3057 Long-term Agricultural Structural Change in the United States, Canada, and Brazil

*Tower Building, Second Level, Tower Court D*

#### CAES Organized Symposium

This session will compare and contrast the structural changes of the agriculture sector of three major producing nations, Canada, Brazil, and the United States. Changes in the agricultural structure in these countries have had implications for agricultural trade, farm income, farm safety nets, and environmental policies. The three papers presentations will evaluate the impacts of structural change, making use of recently released data from these countries, and a subsequent discussion will consider the various drivers of structural change in each country and examine how they will contribute to meeting world demand and reducing hunger.

**Organizer:** David Culver, Agriculture and Agri-Food Canada; Mary Ahearn, USDA-Economic Research Service

**Moderator:** Mary Ahearn, USDA-Economic Research Service

**Discussant:** Krijn Poppe, Wageningen University

#### Presentations:

Past Trends and Drivers of Structural Changes in U.S. Agriculture  
*Erik O'Donoghue and Robert Hoppe, USDA-Economic Research Service*

Structural Change in Canadian Agriculture and the Impacts on Canadian Farm Income and Farm Households

*David Culver and Cally Dhaliwal, Agriculture and Agri-Food Canada*

Brazilian Agriculture: A Changing Structure

*Flavio Bolliger and Octavio Costa de Oliveira, Brazilian Institute of Geography and Statistics*

### 3058 Current Agribusiness Policy Issues

*Plaza Building, Street Level, Director's Row E*

#### AEM Section Track Session/WAEA Organized Symposium

Industry professional with graduate degrees will discuss a current policy topic and how it applies to their respective firm. Speakers from the transportation, confectionary, lending, and sugar industries will address policy issues.

**Moderator:** Lee Schulz, Kansas State University

**Panelist:** Brad Clow, Union Pacific; Christian Freberg, The Wrigley Company; Samarendu Mohanty, International Rice Research Institute; Terry Barr, CoBank

### 3059 Teaching and Learning in the Work Place

*Plaza Building, Street Level, Director's Row H*

#### TLC Section Track Session/WAEA Organized Symposium

Industry professional with graduate degrees will discuss how education, teaching, and learning occur in their firm. Speakers from the fruit and vegetable, dairy, and financial services industries will address this topic.

**Panelist:** Dennis Conley, University of Idaho; Karla Chambers, Stahlbush Island Farms; Robert Yonkers, International Dairy Foods Association; Mark Teague, Toyota Financial Services

**Discussant:** Linda D. Burbidge, Kansas State University

## CONCURRENT SESSIONS, TUESDAY 1:30 PM-3:00 PM

Tuesday, July 27, 2010

1:30 PM-3:00 PM

### 3060 **New Curricular Initiatives: The Case of Undergraduate Programs in Resource/Environmental Economics**

*Plaza Building, Concourse Level, Plaza Court 1*

#### **TLC Section Track Session**

This session focuses upon the experience of agricultural/resource/applied economics departments with recent curricular initiatives in the form of majors, concentrations, or specializations in the area of resource/environmental economics. At least 27 departments had such curricular options as of 2009. Questions related to the following topics are to be explored: 1) assessment of demand/need, 2) design of curricular requirements, 3) recruitment strategies, 4) enrollment trends, 5) placement experience, and 6) unique opportunities and challenges. Findings from a survey of departments are to be presented, followed by remarks by a set of panelists and open discussion.

**Organizer:** William Park, University of Tennessee

**Panelist:** John C. Bergstrom, University of Georgia; John Braden, University of Illinois at Urbana-Champaign; Susan Capalbo, Oregon State University; John Halstead, University of New Hampshire; William Park, University of Tennessee

### 3061 **Exchange Rates, Prices, and Agricultural Trade: What Have We Learned?**

*Plaza Building, Concourse Level, Plaza Court 2*

#### **International Section Track Session**

Recent economic events remind us of the sector-level effects of key macroeconomic variables. In this context, the objective of this track session is to assess agricultural economists' contributions to analyzing the impact of exchange rates on agricultural prices and trade flows. Presentations in the session will focus on the importance of the early research on the impact of exchange rates on agricultural trade flows, as well as crucially assessing the extent to which recent research contributions have extended understanding of the role of exchange rates in determining commodity prices and agricultural trade.

**Moderator:** David Orden, International Food Policy Research Institute

**Discussant:** Munisamy Gopinath, Oregon State University

#### **Presentations:**

Ed Schuh: His Contributions to Exchange Rate Analysis  
*Terry Roe, University of Minnesota*

Agricultural Trade, Prices, and Exchange Rates  
*Philip Abbott, Purdue University*

Agricultural Trade: Exchange Rate Volatility vs. Uncertainty  
*Ian Sheldon, The Ohio State University*

### 3062 **Demand for Milk and Beverages**

*Plaza Building, Concourse Level, Plaza Court 3*

#### **AAEA Selected Paper Session**

This session includes four studies on the demand for milk and beverages.

**Moderator:** Chen Zhen, RTI International

#### **Presentations:**

Micro-demand Systems Analysis of Non-alcoholic Beverages in the United States: An Application of Econometric Techniques Dealing with Censoring

*Pedro Alviola IV, University of Arkansas; Oral Capps Jr. and Ximing Wu, Texas A&M University*

The Welfare Effect of Organic Milk

*Hee-Jung Choi, Michael Wohlgenant, and Xiaoyong Zheng, North Carolina State University*

Advertising in the U.S. Non-alcoholic Beverage Industry: Are Spillover Effects Negative or Positive?

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

Are Beverage Categories Separable?

*Erika K. Styles, Fort Valley State University; Jonq-Ying Lee, University of Florida*

### 3063 **Price Transmission**

*Plaza Building, Concourse Level, Plaza Court 4*

#### **AAEA Selected Paper Session**

This session includes four papers analyzing how price shocks are transmitted to related markets.

**Moderator:** Edward Roeger, USDA-Economic Research Service

#### **Presentations:**

The Impact of Market Volatility on the Fertilizer Price Transmission Process

*Craig M. Galbraith, Agriculture and Agri-Food Canada*

Pass-through of Commodity and Input Costs to Retail Food Prices

*Ephraim Leibtag and Edward Roeger, USDA-Economic Research Service*

Semiparametric Evidence on the Nature of Price Transmission in Tanzanian Maize Markets

*Rico Ihle and Stephan von Cramon-Taubadel, Georg-August-Universität Göttingen*

Dynamic and Asymmetric Adjustment in Beef and Pork Prices

*William F. Hahn, USDA-Economic Research Service*

## CONCURRENT SESSIONS, TUESDAY 1:30 PM-3:00 PM

### 3064 Land Use and the Conservation Reserve Program

*Plaza Building, Concourse Level, Plaza Court 5*

#### AAEA Selected Paper Session

Land use and land use change is affected by myriad public policy suites at all levels of government. This session examines the effect of various land use policies on land use, conservation, and development.

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

#### **Presentations:**

Slippage Effects of the Conservation Reserve Program: New Evidence from Satellite Imagery

*David A. Fleming, Pennsylvania State University*

A Race to Develop: A Competing Risk Examination of the Pattern and Timing of Land Development in an Exurban County

*Douglas Wrenn, The Ohio State University*

Alternative Land Use Policies: Real Options with Costly Reversibility

*Feng Song, Jinhua Zhao, and Scott Swinton, Michigan State University*

Using Enrollment Discontinuities to Estimate the Effect of Voluntary Conservation on Local Land Values

*Jacob N. Brimlow, California State University, Chico; Michael Roberts, North Carolina State University*

### 3065 Subsidy Incidence

*Plaza Building, Concourse Level, Plaza Court 6*

#### AAEA Selected Paper Session

This session addresses the questions of who really benefits, by how much, and what are some of the other effects of agricultural subsidies.

**Moderator:** Dana L. Hoag, Colorado State University

#### **Presentations:**

Environmental Impacts of U.S. Agriculture Decoupled Direct Payments

*Janet Peckham, Jaclyn Kropp, and Julia Sharp, Clemson University*

The Incidence of Agricultural Subsidies on Farmland Rental Rates: Overcoming Bias from Inertia, Expectations, and Tenancy Arrangements

*Nathan P. Hendricks and Joseph P. Janzen, University of California, Davis; Kevin Dhuyvetter, Kansas State University*

An Empirical Investigation of the Impacts of Government Program Payments on Farmland Rental Rates

*Feng Qiu, Jean-Philippe Gervais, and Barry Goodwin, North Carolina State University*

Who Really Benefits from Agricultural Subsidies? Evidence from Field-level Data

*Michael Roberts, North Carolina State University; Barrett Kirwan, University of Maryland*

### 3066 Firms and Food Safety

*Plaza Building, Concourse Level, Plaza Court 7*

#### AAEA Selected Paper Session

Food safety incidents have the potential to affect both consumers and firms. The papers in this session are focused on a number of different firm impacts: the relationship between mandatory traceability and firms in the context of firm heterogeneity, the impact of a food safety outbreak in a supply chain with market power present, the links between food safety recalls and firm stock prices, and the role of public policy in the application of food safety vaccines.

**Moderator:** Zhifeng Gao, University of Florida

#### **Presentations:**

Welfare Effects of Mandatory Traceability When Firms Are Heterogeneous

*Sebastien Pouliot, Iowa State University*

Food Product Recalls, Consumer Confidence in the Food System, Media Coverage, and Stock Prices: A Regression and Event Analysis

*Pablo Antonio Garcia, Gustavo F. C. Ferreira, and Robert Wes Harrison, Louisiana State University; Jean Kinsey and Dennis Degeneffe, University of Minnesota*

Would Subsidizing a Food Pathogen Vaccine Upset the Food Policy Apple Cart?

*Mariano Teisl, University of Maine; Stephan Marette, Institut National de la Recherche Agronomique; Brian E. Roe, The Ohio State University*

### 3067 Market Power

*Plaza Building, Concourse Level, Plaza Court 8*

#### AAEA Selected Paper Session

This session includes contributions related to market power in the beef industry, in local markets, and the Mexican corn flour production.

**Moderator:** James Rude, University of Alberta

#### **Presentations:**

Local Buyer Market Power and Horizontally Differentiated Manufacturers

*Shinn-Shyr Wang, Christian Rojas, and Nathalie Lavoie, University of Massachusetts Amherst*

Dynamic Assessment of Oligopoly, Oligopsony Power, and Cost Efficiency Using the New Empirical Industrial Organization in the U.S. Beef Packing Industry

*Chanjin Chung and In Bae Ji, Oklahoma State University*

Market Power after the Transition

*Karen E. Thome and Pierre Merel, University of California, Davis*

## CONCURRENT SESSIONS, TUESDAY 1:30 PM-3:00 PM

### 3068 Pollution Control and Voluntary Programs

Plaza Building, Concourse Level, Governor's Square 9

#### AERE Session

This session includes papers that focus on pollution control through voluntary programs. Specific topics covered include: environmentally friendly technical change in small and medium sized firms from an innovation systems perspective; mechanisms to promote greater compliance with ambient levels of pollution; participation in and effectiveness of EPA's 33/50 program to reduce toxics emissions; and the effectiveness of such programs for inducing adoption of environmental technology.

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

**Discussant:** Martina Vidovic, Rollins College; Xiang Bi, University of Illinois at Urbana-Champaign; Bahar Erbas, Duquesne University; Gregory Colson, University of Georgia

#### Presentations:

Impact of the EPA's Voluntary Pollution Prevention 33/50 Program on Facility Participation and Emissions

*Martina Vidovic and Neha Khanna, Rollins College*

From an Innovation System Perspective: Environmentally Friendly Technical Change and Small and Medium Sized Enterprises

*Pinar Geylani and Bahar Erbas, Duquesne University*

Multiple Receptor Ambient Monitoring and Firm Compliance with Environmental Taxes under Budget and Target Driven Regulatory Emissions

*Gregory Colson, University of Georgia; Luisa Menapace, Iowa State University*

Spatial Determinants of Pollution Prevention: Role of Mandatory Regulations and Voluntary Program Participation

*Xiang Bi and Madhu Khanna, University of Illinois at Urbana-Champaign*

### 3069 Dairy Market Volatility Causes and the Role of Policy

Plaza Building, Concourse Level, Governor's Square 10

#### AAEA Organized Symposium

Price variability in dairy markets has increased dramatically. This session addresses three questions. First, what factors contribute to this increase? Changes to market structure, both supply and demand, that affect supply response and price transmission are among the likely candidates. Second, do existing policies alleviate or exacerbate the problem? Attention focuses on the Milk Marketing Orders, dairy price support programs, and the Milk Income Contract Loss program. Dairy industry initiatives, such as herd buy-outs, are also considered. Third, what options address dairy price variability?

**Organizer:** Wyatt Thompson, University of Missouri

**Moderator:** Wyatt Thompson, University of Missouri

#### Presentations:

Dairy Market Variability Causes and Consequences

*Jean-Paul Chavas, University of Wisconsin*

Changing Market Structure and Demand: Implications for Price Variability

*Richard Stillman, USDA-Economic Research Service*

MILC and Herd Buy-out as Cures and Causes of Dairy Price Variability

*Scott Brown, University of Missouri*

### 3070 Emerging and Current Issues in Agricultural Biotechnology

Plaza Building, Concourse Level, Governor's Square 11

#### COSBAE and CWAE Track Session

The comingling of biotech and organic products raises new challenges, which researchers have just begun to understand. This session is designed to provide a forum to address the various challenges that biotech stakeholders face in the dynamic yet controversial biotech market.

**Organizer:** Blondel A. Brinkman, USDA-Animal and Plant Health Inspection Service; Duncan M. Chembezi, Alabama A&M University  
**Discussant:** Julie Caswell, University of Massachusetts Amherst

#### Presentations:

Trend in Biotechnology—Technology Provider's Perspective

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

A Comparison between Perception of Risks and Willingness to Serve GM Foods

*William Nganje, Arizona State University*

Challenges in Producers' Adoption of Biotechnology

*Corinne Alexander, Purdue University*

### 3071 Exploring the Interface between Local Food Systems and Community Economics

Plaza Building, Concourse Level, Governor's Square 12

#### CENET Track Session

Local food systems are seen by advocates as a means of mitigating adverse environmental impacts, reducing nutrition and health risks, and addressing economic development challenges. Three speakers will address different community economic development and policy aspects of local food systems, including unique business practice and demographics of direct marketing producers, marketing behavior in local food systems channels, and the implications of buy local and farm-to-school programs. Discussion will focus on opportunities for researchers to contribute to the understanding of local food system conduct and performance, as well as the barriers to conducting such research given data limitations.

**Organizer:** Dawn Thilmany McFadden, Colorado State University

#### Presentations:

Economic Impact of Farm-to-School Programs: A Central Minnesota Example

*Robert P. King, Brigid A. Tuck, and Monica R. Haynes, University of Minnesota*

Buying Local: The Economics of Import Substitution

*Phil Watson and Stephen Cooke, University of Idaho*

What We Know about Buyers and Sellers in Farmers Markets in Central North Carolina

*Mitchell Renkow, North Carolina State University*

Spatial and Contextual Factors Driving Farm Participation in Local Foods

*Sarah Low and Steve Vogel, USDA-Economic Research Service*

Unique Characteristics of Direct Market Producers

*Dawn Thilmany McFadden, Colorado State University*



## CONCURRENT SESSIONS, TUESDAY 1:30 PM-3:00 PM

3072



### Policy Responses to Instability in Agricultural Markets: Retrospect and Prospect

Plaza Building, Concourse Level, Governor's Square 14

#### FAMPS Track Session

Market instability has been an elemental justification for government intervention in agricultural markets. Economists have made significant contributions in developing, implementing and analyzing a diverse range of policy options to address this instability. Despite the rapid evolution of the farm sector and elements of the food/fiber supply chains, the role of government policy in addressing this issue engenders ongoing debate. This session will explore contributions of agricultural economists to our knowledge of market instability and policy interventions using examples from futures markets, specialty crops, and dairy, which also reflect different regional concentrations, sources of risk, and histories of government involvement.

**Organizer:** Charles Nicholson, California Polytechnic State University, San Luis Obispo

**Moderator:** Charles Nicholson, California Polytechnic State University, San Luis Obispo

#### Presentations:

Research on Agricultural Markets: A 100-year Perspective  
*Robert Myers, Michigan State University*

Are Policies Needed to Address Volatility Specialty Crop Markets?  
*Jay Noel, California Polytechnic State University, San Luis Obispo*

U.S. Dairy Policy: Cause or Cure for Price Variation?  
*Andrew Novakovic, Cornell University*

### 3073 Economic Implications of Imputation in Agricultural Economic Data

Plaza Building, Concourse Level, Governor's Square 15

#### AAEA Invited Paper Session

Missing data are a pervasive problem in economic surveys. In this session we present three papers that demonstrate how different methods of imputation for missing data can affect the results of agricultural economic analysis. The first two papers address the impacts of imputation in the Agricultural Resource Management Survey (ARMS), a large survey of farm businesses and their associated households. The third paper uses aggregate state-level data. The goals of the session are 1) to raise awareness of imputation methods in agricultural and applied economics and 2) to show how better imputation methods can improve empirical work in agricultural economics.

**Organizer:** T. Kirk White, USDA-Economic Research Service

**Moderator:** T. Kirk White, USDA-Economic Research Service

**Discussant:** Sujit Ghosh, North Carolina State University

#### Presentations:

The Implications of Imputation for Farm-level Total Factor Productivity Estimates from ARMS Data  
*T. Kirk White, USDA-Economic Research Service*

Comparative ARMS Imputation Methods for Farm Household Income

*Mary Ahearn, Dave Banker, Dawn Marie Clay, and Daniel Milkove, USDA-Economic Research Service*

Estimating Cost and Production Functions Using Multiply Imputed Data

*Charles Moss, University of Florida; Ashok Mishra, Louisiana State University*

3074

### How Health Is Changing the Dynamics of Food Innovation

Plaza Building, Concourse Level, Governor's Square 16

#### AEM Section and FSN Section Track Session

This session examines how food innovation systems are changing in response to new research on relationships between food and health and the opportunities to create new products and markets for foods with positive health related properties. Consumers have expanded their search criteria for new product attributes, which they perceive to be related to health. These include functional foods and nutraceuticals but can also include elements only loosely linked to health such as organic, local food, and environmental claims. Firms are expanding their product offerings and reshaping their marketing strategies in response to the new opportunities to link food and health.

**Organizer:** David Sparling, University of Western Ontario

**Moderator:** David Sparling, University of Western Ontario

**Discussant:** Ellen Goddard, University of Alberta; Thomas Sporleder, The Ohio State University

#### Presentations:

Consumer Acceptance of Functional Foods and Natural Health Products: Case Studies from Canada  
*John Cranfield, University of Guelph*

The Role of Policy and Industry Strategy in Supporting and Capitalizing Healthy Food Innovations: A Case Study Analysis  
*David Sparling, University of Western Ontario*

Translating Nutrition Research into Economic Opportunities—Healthy Food Innovations, Media, and Agri-food Chains  
*Brandon Schaufele and Pamela Laughland, University of Western Ontario*

### 3075 Extension Section Crops Outlook

Plaza Building, Concourse Level, Governor's Square 17

#### Extension Section Track Session

This session continues the long history of Extension Section Outlook Track Sessions, and will focus on grain and oilseed situation and outlook and provide insights into the potential impacts of Conservation Reserve Program (CRP) contract renewal on crop production. Presenters will explore the current trends in grain and oilseed production, demand factors influencing crop markets, price outlook, and potential future production adjustments from CRP enrollment decisions.

**Organizer:** Frayne Olson, North Dakota State University

**Moderator:** Frayne Olson, North Dakota State University

#### Presentations:

Corn and Soybean Situation and Outlook  
*Christopher Hurt, Purdue University*

Wheat Situation and Outlook  
*Frayne Olson, North Dakota State University*

Potential Impacts of CRP Renewal  
*Daniel Hellerstein, USDA-Economic Research Service*

Consensus Forecasts  
*Ronald Plain, University of Missouri*

## CONCURRENT SESSIONS, TUESDAY 1:30 PM-3:00 PM

### 3076 Land Valuation and Capital Structure Issues

*Tower Building, Terrace Level, Beverly Room*

#### AAEA Selected Paper Session

The papers in this session consider land valuation and capital structure issues: forecasting of land values, a dynamic analysis of land prices, and a spatial analysis of land cash rents.

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

#### Presentations:

Can the Federal Reserve Bank's Survey of Agricultural Credit Conditions Forecast Land Values?

*Christopher Zakrewicz and B. Wade Brorsen, Oklahoma State University; Brian Briggeman, Federal Reserve Bank of Kansas City*

Dynamic Analysis of Land Prices with Flexible Risk Aversion Coefficients

*Jin Xu and David Leatham, Texas A&M University*

A Spatial Analysis of Illinois Agricultural Cash Rents

*Shannon Woodard and Nicholas Paulson, University of Illinois at Urbana-Champaign; Joshua Woodard, Texas A&M University; Kathy Baylis, University of Illinois at Urbana-Champaign*

### 3077 Spatial Dimensions of Invasive Species: Bioeconomic Modeling Using Cellular Automata

*Tower Building, Mezzanine Level, Century Room*

#### AAEA Selected Paper Session

This session explores spatial dimensions of invasive species' impacts and management. These papers use cellular automata models to evaluate the importance of resilience, targeted management, cooperation, and landowner "rules of thumb" in invasive species management.

**Moderator:** Damian C. Adams, Oklahoma State University

#### Presentations:

Stepping Stones for Biological Invasion: A Bioeconomic Model of Transferable Risk

*Travis W. Warziniack, University of Heidelberg; David Finnoff, University of Wyoming; Jonathan Bossenbroek, University of Toledo; Jason Shogren, University of Wyoming; David Lodge, University of Notre Dame*

Optimal Control of Spatial-dynamic Processes: The Case of Biological Invasions

*Rebecca Epanchin-Niell and James Wilen, University of California, Davis*

Positive Analysis of Invasive Species Control as a Spatial-dynamic Process

*George Frisvold, Esra Buyuktahtakin, Aaryn Olsson, Ferenc Szidrovsky, and Zhuo Feng, University of Arizona*

Cooperation, Spatial-dynamic Externalities, and Invasive Species Management

*Rebecca Epanchin-Niell and James Wilen, University of California, Davis*

### 3078 Applications of Experimental Methods

*Tower Building, Mezzanine Level, Colorado Room*

#### AAEA Selected Paper Session

This session explore risk preferences, insurance demand, residential energy efficiency measures using field experiments. It also explores water quality trading and milk quota exchanges from an experimental perspective.

**Moderator:** Jordan Suter, Oberlin College

#### Presentations:

Risk Preferences and Demand for Insurance in Peru: A Field Experiment

*Francisco B. Galarza, Universidad Francisco Marroquin*

Auction Experiments to Simulate Milk Quota Exchanges

*Jens-Peter Loy, University of Kiel*

Water Quality Trading in the Presence of Discrete Abatement Costs: An Experimental Analysis of Contract Length and the Timing of Investment

*Luke Jones and Christian Vossler, University of Tennessee*

Estimating Payback to Residential Energy Efficiency Measures: A Field Experiment

*Jordan Suter, Oberlin College*

### 3079 Non-timber Determinants of Forest Management

*Tower Building, Mezzanine Level, Denver Room*

#### AAEA Selected Paper Session

This session investigates the effects of biofuel policies, carbon sequestration incentives, economic development and strategic behavior on forest management, and conservation around the globe. Analyses draw upon dynamic optimization, simulation, econometrics, and game-theory.

**Moderator:** Gwenlyn Busby, Virginia Tech

#### Presentations:

Long Term vs. Temporary Certified Emission Reductions in Forest Carbon-sequestration Programs

*Gregmar Galinato and Aaron Olanie, Washington State University; Shinsuke Uchida, University of Maryland; Jonathan Yoder, Washington State University*

Reaching Far into the Woods: Impact of Roads on Forest Structure in China

*Karen A. Sullivan and Emi Uchida, University of Rhode Island; Xiangzheng Deng and Jikun Huang, Center for Chinese Agricultural Policy; Scott Rozelle, Stanford University; John Gibson, Waikato Management School*

The Impact of U.S. and European Biofuel Policies on Forest Carbon Yoon Hyung Kim, The Ohio State University; Alla Golub, Purdue University; Brent L. Sohngen, The Ohio State University; Thomas W. Hertel, Purdue University; Steven Rose, Electric Power Research Institute

Estimating Private Incentives for Wildfire Risk Mitigation: Determinants of Demands for Different Fire-safe Actions

*Mimako Kobayashi, Nikolaos Zirogiannis, Kimberly Rollins, and Mariah D.R. Evans, University of Nevada at Reno*

## CONCURRENT SESSIONS, TUESDAY 1:30 PM-3:00 PM

### 3080 Production Technology

*Tower Building, Mezzanine Level, Gold Room*

#### AAEA Selected Paper Session

The papers in this session employ advanced econometric techniques and spatial analysis to examine production decisions under a variety of data structures.

**Moderator:** Roderick Rejesus, North Carolina State University

#### Presentations:

Changes in Producers' Perceptions of Within-field Yield Variability Following Adoption of Cotton Yield Monitors

*Roderick Rejesus and Michele Marra, North Carolina State University; Roland Roberts, Burton English, and James Larson, University of Tennessee; Kenneth Paxton, Louisiana State University*

Economics of Pre-Plant, Topdress, and Variable Rate Nitrogen Application in Winter Wheat

*Christopher Boyer, B. Wade Brorsen, William R. Raun, D. Brian Arnall, and John B. Solie, Oklahoma State University*

Conservation Tillage, Pesticide Use, and Biotech Crops in the United States

*Jorge Fernandez-Cornejo, Richard Nehring, and Charlie Hallahan, USDA-Economic Research Service; Arthur Grube, U.S. Environmental Protection Agency*

Effect of Nitrogen Fertilization and Liming on Rye-Ryegrass Yield and Soil pH Dynamics

*Emmanuel Tumusiime and B. Wade Brorsen, Oklahoma State University; Jagadeesh Mosali and Jon T. Biermacher, Samuel Roberts Noble Foundation*

### 3081 Ecosystem Services and Resource Conservation

*Tower Building, Mezzanine Level, Silver Room*

#### AAEA Selected Paper Session

This session includes papers that focus on policy for natural resource conservation and the provision of ecosystem services. Topics include recreational amenities, wildlife, and off-farm impacts of agriculture.

**Moderator:** Philip Wandschneider, Washington State University

#### Presentations:

On the Empirics of Ecosystem Services Schemes: Technology, Risk, and Compliance

*Johannes Sauer, University of Manchester*

Adverse Selection in Conservation Auctions: Theoretical and Experimental Results

*Kent Messer, Joshua Duke, and Michael Arnold, University of Delaware*

Can Domestication of Wildlife Lead to Conservation? The Economics of Tiger Farming in China

*Brant Abbott and G. Cornelis Van Kooten, University of Victoria; Mark E. Eiswerth, University of Northern Colorado*

Optimal Allocation of Land for Conservation: A General Equilibrium Analysis

*Sahan Dissanayake and Hector Nunez, University of Illinois at Urbana-Champaign*

### 3082 Biomass and Carbon Sequestration

*Tower Building, Mezzanine Level, Spruce Room*

#### AAEA Selected Paper Session

This session includes presentations on the effects of climate policy on biomass distribution and use, for biomass in the form of soil and forest carbon and agriculturally-produced biomass.

**Moderator:** David Archer, USDA-Agricultural Research Service

#### Presentations:

Designing Contracts for Reducing Emissions from Deforestation and Forest Degradation

*Paula Cordero Salas, The Ohio State University*

The Effect of Carbon Payments on Deforestation Rates: Estimates from a Global Forestry and Agricultural Model

*Suk-Won Choi, National Center for Atmospheric Research; Brent L. Sohngen, The Ohio State University; Alla Golub and Thomas W. Hertel, Purdue University*

Using Cellulosic Ethanol to "Go Green": What Price for Carbon?

*Alicia Rosburg and John Miranowski, Iowa State University*

### 3083 Enhancing Student Learning: Theory and Practice

*Tower Building, Terrace Level, Terrace Room*

#### AAEA Selected Paper Session

For decades, we have focused on how to improve our teaching. In recent years, emphasis has shifted from the input (our teaching practices) to the output (enhanced student learning). What do we know about how students learn? Given our knowledge of how students learn, what teaching practices can we implement to enhance that learning? This session will offer a combination of theory and practice to help enhance student learning through the use of effective teaching methods.

**Moderator:** Maria Marshall, Purdue University

#### Presentations:

Identifying Student Success at a Land Grant Institution

*Mark Holmgren and Vicki McCracken, Washington State University*

Implications of Neuroscience Developments in Understanding Human Behavior for Teaching in Agricultural Economics/Agribusiness

*Amanda Bruce and Jared Bruce, University of Missouri at Kansas City; Bryan Schurle and Yacob Zereyesus, Kansas State University*

"Academic Coaching" for Enhanced Learning, Higher Levels of Student Responsibility, and Greater Retention

*Andrew Barkley, Kansas State University*

### 3084 How Graduate School Prepared Me for a Career in Industry

*Plaza Building, Street Level, Director's Row E*

#### GSS Track Session/WAEA Organized Symposium

Industry professional with graduate degrees will provide information on why they choose careers in industry and how their graduate degree has helped them in their occupations. Speakers from the finance and consulting industries will address this topic.

**Moderator:** Witsanu Attavanich, Texas A&M University

**Panelist:** Karen Taylor, Farm Credit Canada; Richard Fritz, Global Agri Trends; Sterling Liddell, Iowa Farm Bureau Federation

## CONCURRENT SESSIONS, TUESDAY 1:30 PM-3:00 PM

**3085 Policy Issues Affecting Food and Agribusinesses**  
*Plaza Building, Street Level, Director's Row H*

### FAMPS Track Session/WAEA Organized Symposium

Industry professional with graduate degrees will discuss a current policy topic and how it applies to their respective firm. Speakers from the food safety, agricultural consulting, and fruit and vegetable industries and a public policy education firm will discuss policy issues.

**Panelist:** Neilson Conklin, Farm Foundation; Craig Marotz, Sensitech; Tim Watts, Watts & Associates, Inc; Bill Chambers, Stahlbush Island Farms

**Discussant:** Jeff Luckstead, Washington State University

**Tuesday, July 27, 2010**

4:00 PM-5:30 PM

**3086 Outstanding Intellectual Contributions by Agricultural Economists**  
*Plaza Building, Concourse Level, Plaza Court 1*

### Senior Section Track Session

Agricultural and applied economists have made many outstanding contributions to our understanding of the economic and policy issues impacting the agricultural sector and other parts of the economy over the past 100 years. What have been the most outstanding contributions and who have been the contributors? After considering the various sub-disciplines in the profession, each of the four speakers and the discussant will highlight and document three to five of these outstanding contributions, and note the major contributors to each. Then the audience will be given an opportunity to add their choices.

**Organizer:** Vernon Eidman, University of Minnesota

**Moderator:** Vernon Eidman, University of Minnesota

**Discussant:** Bernard Stanton, Cornell University

#### Presentations:

Outstanding Contributions in Policy, Trade, and International Development

*Alex McCalla, University of California, Davis*

Outstanding Contributions in Production Economics, Risk and Expectations, Futures Prices, and Productivity Analysis

*Jean-Paul Chavas, University of Wisconsin*

Outstanding Contributions in Resource, Environmental, and Regional Economics

*Catherine Kling, Iowa State University*

Outstanding Contributions in Food and Consumer Economics

*Jean Kinsey, University of Minnesota*

**3087 Climate Change and Agriculture: Impacts, Adaptation, and Mitigation**  
*Plaza Building, Concourse Level, Plaza Court 2*

### International Section Track Session

The December 2009 Copenhagen climate change negotiations have come and gone, with limited results. It is likely that discussions will continue throughout 2010 about appropriate roles for developed and developing countries in greenhouse gas mitigation, the need for better monitoring, reporting, and verification for all countries, and the urgency of rapid action. The presentations in this session include reports on the impacts of climate change on agriculture world-wide and the costs of adaptation, likely U.S. climate change legislation and consequences for U.S. agriculture, and synergies between climate change adaptation and mitigation.

**Moderator:** Kitty Smith, USDA-Economic Research Service

**Panelist:** Gerald Nelson, International Food Policy Research Institute; Nancy McCarthy, Food and Agriculture Organization of the United Nations; Bruce McCarl, Texas A&M University

**3088 Climate Change Legislation: Food Sector Impacts**  
*Plaza Building, Concourse Level, Plaza Court 3*

### FAMPS Track Session

The U.S. Congress is currently considering climate change legislation. If passed, the legislation could have far-reaching impacts on the U.S. and world economies. Depending on the form of the final legislation, the costs of energy-related inputs may increase, which could substantially raise the costs of growing crops, raising live-stock, processing food, transporting products around the world, and getting food to final consumers. This panel discussion tries to make sense of these disparate potential effects on the food sector. The discussion focuses on the state of climate change debate and examines possible impacts on all the players in the food supply chain.

**Organizer:** Patrick Westhoff, University of Missouri; Duncan M. Chembezi, Alabama A&M University

**Moderator:** Blondel A. Brinkman, USDA-Animal and Plant Health Inspection Service; Duncan M. Chembezi, Alabama A&M University

**Panelist:** Patrick Westhoff, University of Missouri; Joe Outlaw, Texas A&M University; Susan Capalbo, Oregon State University; Craig Jagger, House Agriculture Committee; Hayden Milberg, Senate Agriculture Committee

**3089 Investment, Trade, and R&D In International Development**  
*Plaza Building, Concourse Level, Plaza Court 4*

### AAEA Selected Paper Session

Policies that directly affect investment and trade decisions often have important indirect effects on the economic development process. These indirect linkages are nuanced and often overlooked, but can also be of first-order importance. This session brings together three papers that explore these important policy linkages from three distinct perspectives.

**Moderator:** Abdoul Sam, The Ohio State University

#### Presentations:

Third-party Facilitation of Investments in Private Enforcement Capital: Evidence from Armenian Dairy Industry  
*Aleksan Shanoyan, Michigan State University; Hamish Gow, Massey University; R. Ross and Christopher Peterson, Michigan State University*

Are the Poverty Effects of Trade Policies Invisible?

*Monika Verma and Thomas W. Hertel, Purdue University; Ernesto Valenzuela, University of Adelaide*

Effects of Pension Privatization on Foreign Direct Investments: Empirical Evidence from Latin America

*Chris Reece, University of Pennsylvania; Abdoul Sam, The Ohio State University*

## CONCURRENT SESSIONS, TUESDAY 4:00 PM-5:30 PM

### 3090 Trade Policy

Plaza Building, Concourse Level, Plaza Court 5

#### AAEA Selected Paper Session

The papers in this session address the important and unavoidable topic of the distributional impacts of liberalized trade policies—from a non-U.S. perspective.

**Moderator:** Robert Dismukes, USDA-Economic Research Service

#### Presentations:

Impacts of Export Controls on Wheat Markets During the Food Crisis 2007–2008 in Russia and Ukraine

*Linde Goetz and Thomas Glauben, Leibniz-Institute of Agricultural Development in Central and Eastern Europe; Bernhard Brümmer, Georg-August-Universität Göttingen*

Effect of NAFTA on Mexico's Agricultural Producers

*Kathy Baylis and Joanne R. Henderson, University of Illinois at Urbana-Champaign*

Global Inequality Impacts of Multilateral Liberalization

*Roman Keeney and Amanda Leister, Purdue University*

### 3091 Land Markets

Plaza Building, Concourse Level, Plaza Court 6

#### AAEA Selected Paper Session

Successes and failures in rural agricultural development often directly reflect the efficiency or flaws in underlying factor markets. Land markets, as arguably the most important such factor market, are often subject to important rigidities, constraints, and limitations. The papers in this session will address the implications of specific features of local land markets for rural agricultural development.

**Moderator:** Klaus Deininger, World Bank

#### Presentations:

Do Limitations in Land Rights Transferability Influence Low Mobility Rates in Ethiopia?

*Valerie Mueller and Alan De Brauw, International Food Policy Research Institute*

Going Digital: Computerized Land Registration and Credit Access in India

*Klaus Deininger and Aparajita Goyal, World Bank*

Large Scale Land Acquisition for Agribusiness Investment: Extent and Determinants of the "Global Land Grab"

*Rabah Arezki, International Monetary Fund; Klaus Deininger and Harris Selod, World Bank*

Does Land Fragmentation Reduce Efficiency? Micro-evidence from India

*Daniel Monchuk, University of Southern Mississippi; Klaus Deininger, World Bank; Hari Nagarajan, National Council of Applied Economic Research*

### 3092 Consumer Preference for Quality Information and Labeling Information

Plaza Building, Concourse Level, Plaza Court 7

#### AAEA Selected Paper Session

This session highlights the relative importance and consumers' willingness-to-pay for product quality information and labeled information; binary labels and index labels are compared; the potential of using visual presentation of attributes; and how product labeling interacts with tasting experience.

**Moderator:** William Nganje, Arizona State University

#### Presentations:

Is Presentation Everything? Using Visual Presentation of Attributes in a Discrete Choice Experiment to Measure the Relative Importance of Intrinsic and Extrinsic Beef Attributes  
*Wendy J. Umberger, University of Adelaide; Simone C. Mueller, University of South Australia*

Do Taste Buds Trump Labels and Information? A Sensory Test and Economic Experiment on Organic and Local Apples

*Marisa Bunning, Marco Costanigro, Stephan Kroll, and Dawn Thilmany McFadden, Colorado State University*

The Role of Taste Perception for the Success of Country of Origin Labeling in the Case of Organic Pepper

*Heike Kloeckner, Nina Langen, and Monika Hartmann, University of Bonn*

### 3093 Weather Risk and Insurance Derivatives

Plaza Building, Concourse Level, Plaza Court 8

#### AAEA Selected Paper Session

The papers in this session examine issues related to modeling and pricing weather-based insurance products. Topics include new advances in the modeling of weather risk and the potential implications on yield predictions.

**Moderator:** Eric J. Belasco, Texas Tech University

#### Presentations:

The Impacts of Thresholds on Risk Behavior: What's Wrong with Index Insurance?

*Daniel Osgood, Columbia University*

Dependence Structure and Spatial Contagion among Agricultural Insurance Indices

*Pu Liu and Mario Miranda, The Ohio State University*

Pricing Spatial Basis Risk for Weather Index Insurance

*Michael Norton, Columbia University; Calum Turvey, Cornell University; Daniel Osgood, Columbia University*

The Value of Long-term Climate Forecast Information in Weather Index Insurance

*Denis Nadolnyak, Auburn University*

### 3094 Working with the New NIFA

Plaza Building, Concourse Level, Governor's Square 9

#### AAEA Organized Symposium

The National Institute for Food and Agriculture (NIFA) came into existence in October 2009 replacing CSREES. The session will outline opportunities to work with the new leadership in order to increase funding for agricultural economics. Information will be offered on how to apply for grants in NIFA, how to be the lead investigator on a multi-disciplinary team, and how to provide NIFA with information regarding the cutting edge economics research.

**Organizer:** Tamara Wagester, C-FARE

**Moderator:** Jon Brandt, North Carolina State University

**Panelist:** Franklin Boteler, USDA-National Institute of Food and Agriculture; Craig Beyrouy, Colorado State University; James Shortle, Pennsylvania State University

## CONCURRENT SESSIONS, TUESDAY 4:00 PM-5:30 PM

**3095** **The Economic Crisis of 2008–09 and Agriculture**  
*Plaza Building, Concourse Level, Governor's Square 10*

### AAEA Organized Symposium

Using recent research, the presenters in this session have evaluated the implications of the crisis on U.S. and global agriculture. They follow with an analysis of the causes and evolution of the crisis: global imbalances in savings and trade, increasing global integration, policies to sterilize excess dollar flows, and weak international institutions to modify global imbalances. The session then assesses the impacts of the crisis: reduced agricultural trade, commodity prices, and declines in farm income and land values globally. It will also evaluate what the longer term impacts of the global recession are likely to be for agriculture and the broader world economy.

**Organizer:** Mathew Shane, USDA-Economic Research Service

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

#### Presentations:

What the 2008–09 Global Economic Crisis Means for U.S. Agriculture

*Mathew Shane, USDA-Economic Research Service*

What the 2008–09 Global Economic Crisis Means for U.S. Farm Income and Real Estate Values

*Mitch Morehart, USDA-Economic Research Service; Andrew Morton, U.S. Commodity Futures Trading Commission*

The 2008–09 Economic Crisis, Global Imbalances, and Agriculture

*Terry Roe, University of Minnesota*

The Global Economic Crisis and Agricultural Prices

*Munisamy Gopinath, Oregon State University*

**3096**  **Econometric Developments in Agricultural and Resource Economics: The First 100 Years**  
*Plaza Building, Concourse Level, Governor's Square 11*

### Econometrics Section Track Session

This session reviews the major contributions of agricultural and resource economists in the area of econometrics over the past 100 years. Early on, a number of agricultural economists were in on the ground floor in terms of developing new econometric methods. Over time as the economics profession became more empirically oriented, agricultural and resource economists increasingly assumed the role of early adopters of new econometric methods. Even so agricultural and resource economists continue to make useful modifications to econometric techniques in order to adapt the methods to the unique nature of the problems and applications that we study.

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

**Discussant:** David Bessler, Texas A&M University

#### Presentations:

Econometric Developments in Agricultural and Resource Economics: The First 100 Years

*Jeffrey Dorfman, University of Georgia*

**3097** **New Developments in Crop Insurance and Their Implications for 2010 and Beyond**  
*Plaza Building, Concourse Level, Governor's Square 12*

### ARA Section Track Session

The purpose of this session is to address recent developments within the federal crop insurance program and its relationship to other farm programs.

**Moderator:** Keith Collins, USDA-Office of the Chief Economist

#### Presentations:

The Perspective from RMA

*Kent Lanclous, USDA-Risk Management Agency*

The Academic Perspective

*Barry Barnett, Mississippi State University*

Industry Perspective

*Thomas Zacharias, National Crop Insurance Services*

**3098** **Promoting Food Choice and Health for Children: Political, Economic, and Behavioral Aspects**  
*Plaza Building, Concourse Level, Governor's Square 14*

### FSN Section Track Session

Scientific evidence shows that a balanced diet comprising healthy and diverse foods is essential for lowering the risk of chronic conditions—cardiovascular diseases, obesity, and diabetes. In many industrial countries, children and adolescents in particular fail to meet public health guidelines. Dietary patterns adopted in early childhood shape future food choice, as early familiarity with healthy food or a lack thereof provides lasting “food roots.” Thus, to increase healthy food choices of children promises a high return on investment. The roles of individual behavior as well as political and societal determinants are considered in the researchers’ presentations.

**Organizer:** Carola Grebitus, University of Bonn; Larissa Drescher, Technische Universität München

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

**Discussant:** Jayson Lusk, Oklahoma State University

#### Presentations:

Addressing Childhood Obesity: An Economic and Policy Challenge  
*Sean B. Cash, University of Wisconsin; Larissa Drescher, Technische Universität München*

Determinants of Parents’ Purchase Patterns of Foods for Children—Evidence From Germany

*Carola Grebitus, Gesa Maschkowski, and Johannes Simons, University of Bonn*

Fruit and Vegetable Consumption of Children: The Role of Advertisement

*Monika Hartmann, University of Bonn; Lisa House, University of Florida*

Children’s Consumption of Fruits and Vegetables: School Meals vs. Home Meals

*Ariun Ishdorj, Texas A&M University; Helen Jensen, Iowa State University*

## CONCURRENT SESSIONS, TUESDAY 4:00 PM-5:30 PM

**3099 Farmer Response to Catastrophic Natural Disasters in the Developing World**  
*Plaza Building, Concourse Level, Governor's Square 15*

### AAEA Invited Paper Session

Severe weather events and livestock disease outbreaks threaten the livelihood poor farmers worldwide. The session will present diverse empirical studies from developing countries that estimate key parameters affecting producer response and adaptation to various kinds of catastrophic risks. These results will allow for prediction of future changes in behavior as the likelihood of catastrophic risks is increasing and provide important insights on the role and impacts of policies in addressing these risks. The discussant will address the methods, modeling, and analysis of responses to catastrophic risks in these papers, and assess the findings within the context of the literature.

**Organizer:** Jennifer Ifft, University of California, Berkeley  
**Moderator:** David Zilberman, University of California, Berkeley  
**Discussant:** Christopher B. Barrett, Cornell University

### Presentations:

Production and Risk Prevention Response of Free Range Chicken Producers in Vietnam to Highly Pathogenic Avian Influenza Outbreaks

*Jennifer Ifft, David Zilberman, and David Roland-Holst, University of California, Berkeley*

No-tillage Systems and Catastrophic Drought Risk Mitigation in Mediterranean Agriculture: The Option Value of Delayed Input Use  
*Nicholas Magnan, University of California, Davis; Aziz Fadlaoui, National Institute of Agronomic Research, Morocco; Travis Lybert, University of California, Davis; Rachid Mrabet, National Institute of Agronomic Research, Morocco*

Weather Indexed Insurance in Mexico: The Case of the Program for Attention to Climatic Contingencies (PACC) and Its Effects On Productivity, Risk Diversification, and Financial Access  
*Alan Fuchs, University of California, Berkeley; Hendrik Wolff, University of Washington*

**3100 Alerting All Entrepreneurs! Research on Ethical Awareness and Entrepreneurial Behavior**  
*Plaza Building, Concourse Level, Governor's Square 16*

### AEM Section and IBES Track Session

This session explores the intersection of cognitive awareness and entrepreneurial behavior. One paper presents a framework building on social psychology and new institutional economics, and uses data from the World Values Survey, to resolve the observation within the literature that entrepreneurs tend to be better able to identify ethical courses of action, but also less likely to pursue these courses. The second paper explores farmer's entrepreneurial responses to change in the U.S. Farm Bill to assess the extent to which farm programs are exploited or discovered. The discussants will facilitate discussion on the nature and appropriateness of entrepreneurial behavior.

**Organizer:** Desmond Ng, Texas A&M University  
**Moderator:** Harvey James, University of Missouri  
**Discussant:** Christopher Peterson, Michigan State University; Glenn Fox, University of Guelph

### Presentations:

The Cognitive Connection between Ethics and Entrepreneurship  
*Peter Klein, University of Missouri; Desmond Ng, Texas A&M University; Harvey James, University of Missouri*

Farming the Farm Programs: An Entrepreneurial Perspective  
*Michael Sykuta, University of Missouri; Andrea Woolverton, USDA-Economic Research Service*

**3101 Livestock Outlook**  
*Plaza Building, Concourse Level, Governor's Square 17*

### Extension Section Track Session

This session continues the tradition of Extension Section Outlook Track Sessions and will focus on livestock situation and outlook. The presenters will discuss the trends in domestic and global livestock production, trade, supplies, demand and prices as well as the prospects for profitability for the coming year.

**Organizer:** Ross Pruitt, Louisiana State University  
**Moderator:** Ross Pruitt, Louisiana State University  
**Discussant:** Ross Pruitt, Louisiana State University

### Presentations:

Cattle and Beef  
*John Riley, Mississippi State University*

Hogs and Pork  
*Glynn Tonsor, Kansas State University*

Dairy  
*Scott Brown, University of Missouri*

Consensus Forecasts  
*Ronald Plain, University of Missouri*

**3102 How Behavioral Economics Can Inform Policymakers**  
*Tower Building, Terrace Level, Beverly Room*

### AAEA Organized Symposium

Interest in experimental and behavioral economics has risen dramatically over the last few decades. Still many agricultural economists perceive this area as "fashionable," but not very useful for applied economics. To truly influence policy, behavioral economists have to take upon themselves the responsibility for deriving explicit policy recommendations based on their findings. This session attempts to build a bridge between the results of the cutting-edge behavioral research and explicit recommendations for the policymakers. The unifying theme of the three presentations included in the session is intertemporal choice. The session's discussant will represent the policymakers' viewpoint.

**Organizer:** Helen Pushkarskaya, University of Kentucky  
**Moderator:** Helen Pushkarskaya, University of Kentucky  
**Discussant:** Brian Briggeman, Federal Reserve Bank of Kansas City

### Presentations:

How Biases toward the Default Option Affect Estimation of the Personal Discount Rate  
*Helen Pushkarskaya, University of Kentucky; Maria Marshall, Purdue University*

Naughty or Nice? The Role of Punishment in Long-term Contractual Relationships  
*John Schieffer, University of Kentucky; Steven Wu, Purdue University*

Fully Characterizing the Set of Time Consistent Discount Functions  
*Zachary Brown, Duke University*

## CONCURRENT SESSIONS, TUESDAY 4:00 PM-5:30 PM

### 3103 Price Interdependence

*Tower Building, Mezzanine Level, Denver Room*

#### AAEA Selected Paper Session

This session includes four papers analyzing how prices in related markets depend on one another.

**Moderator:** Ardian Harri, Mississippi State University

#### **Presentations:**

The Pattern of Integration between Fossil Fuel and Vegetable Oil Markets: The Case of Biodiesel in Germany

*Stefan Busse, Bernhard Brümmer, and Rico Ihle, Georg-August-Universität Göttingen*

Interdependencies in the Energy-Bioenergy-Food Price Systems: A Co-integration Analysis

*d'Artis Kancs and Pavel Ciaian, European Commission*

Market Integration for Shrimp and the Effect of Catastrophic Events

*Ardian Harri, Mississippi State University; Andrew Muhammad and Keithly Jones, USDA-Economic Research Service*

Price Dynamics and Their Causes: An Exploration in Futures and Spot Market Interactions

*Teddy Wong and Aaron Smith, University of California, Davis*

### 3104 Valuing Recreation

*Tower Building, Mezzanine Level, Spruce Room*

#### AAEA Selected Paper Session

This session explores contemporary issues in the modeling of recreation demand. A diverse set of papers address issues related to construct validity, choice set definitions, and stratification. By examining a range of recreation settings, the set of papers serves as an interesting catalyst for discussions of applied welfare analysis and recreation demand.

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

#### **Presentations:**

Testing Construct Validity of River Recreation Use Values: A Comparison of Direct Elicitation of Use Values to Use Values Inferred Indirectly from WTP for Total Economic Value

*John B. Loomis, Colorado State University*

Modeling Demand for Outdoor Recreation Settings with Choice Based Data Accounting for Endogenous and Exogenous Stratification

*Kavita Sardana, University of Georgia; James M. Bowker, U.S. Forest Service; John C. Bergstrom, University of Georgia*

The Welfare Effects of Restricting Off-highway Vehicle Access to Public Lands

*Paul Jakus, John Keith, and Lu Liu, Utah State University; Dale Blahna, U.S. Forest Service*

Valuing Public Access to Great Lake Beaches

*Feng Song, Frank Lupi, and Michael Kaplowitz, Michigan State University*



## CONCURRENT SESSION TOPICAL INDEX

### AEM Section Track Sessions

- 1001 Continuing the Tradition: Employing Tested and Emerging Economic Tools in Framing Sustainability Challenges for a Global Economy  
*Sunday, 3:00 pm–4:30 pm*
- 2015 Agribusiness Economics and Management: 100 Years of Professional Contributions  
*Monday, 10:15 am–11:45 am*
- 2045 Performance Implications of Sustainability Initiatives in Agri-food Companies  
*Monday, 1:30 pm–3:00 pm*
- 3003 The Nascent Bioeconomy for Industrial Markets: Green Goes from Plant Material to Spandex  
*Tuesday, 8:00 am–9:30 am*
- 3045 New Advances in the Cooperative Life Cycle Framework  
*Tuesday, 9:45 am–11:15 am*
- 3058 Current Agribusiness Policy Issues  
*Tuesday, 9:45 am–11:15 am*
- 3074 How Health Is Changing the Dynamics of Food Innovation  
*Tuesday, 1:30 pm–3:00 pm*
- 3100 Alerting All Entrepreneurs! Research on Ethical Awareness and Entrepreneurial Behavior  
*Tuesday, 4:00 pm–5:30 pm*

### Agribusiness Economics & Management

Posters: M18–M29, T1

- 2006 Vertical Relationships, Contracts, and Business Growth  
*Monday, 10:15 am–11:45 am*
- 2075 Economics of Biofuels  
*Monday, 4:00 pm–5:30 pm*
- 3024 Agribusiness and Management  
*Tuesday, 8:00 am–9:30 am*
- 3035 Product Marketing, Strategy, and Pricing  
*Tuesday, 9:45 am–11:15 am*

### Agricultural Finance & Farm Management

Posters: M1–M17

- 2005 Farm Diversification and Farm Management  
*Monday, 10:15 am–11:45 am*
- 2026 Agricultural Finance and Farm Management  
*Monday, 10:15 am–11:45 am*
- 2034 The Feasibility and Economics of Biofuels  
*Monday, 1:30 pm–3:00 pm*
- 2065 Financial Performance of Institutions and Households  
*Monday, 4:00 pm–5:30 pm*
- 3004 Price Analysis and Carbon Management  
*Tuesday, 8:00 am–9:30 am*
- 3076 Land Valuation and Capital Structure Issues  
*Tuesday, 1:30 pm–3:00 pm*

### ARA Section Track Sessions

- 1011 Copulas: How to Better Model Dependent Random Variables  
*Sunday, 3:00 pm–4:30 pm*
- 2025 Managing Risk through Livestock Disease Policy  
*Monday, 10:15 am–11:45 am*
- 3012 Risk Issues at the Interface of Extension and Research  
*Tuesday, 8:00 am–9:30 am*
- 3097 New Developments in Crop Insurance and Their Implications for 2010 and Beyond  
*Tuesday, 4:00 pm–5:30 pm*

### Behavioral Economics

Posters: C1, M30–M33

- 2007 Individual Decision Biases, Consumer Choice, and Policy Preferences  
*Monday, 10:15 am–11:45 am*
- 3102 How Behavioral Economics Can Inform Policymakers  
*Tuesday, 4:00 pm–5:30 pm*

### CENET Track Sessions

- 1002 Jobs, the Rural Economy, and Economic Recovery  
*Sunday, 3:00 pm–4:30 pm*
- 3041 A Century of Research on Rural Development and Regional Issues  
*Tuesday, 9:45 am–11:15 am*
- 3071 Exploring the Interface between Local Food Systems and Community Economics  
*Tuesday, 1:30 pm–3:00 pm*

### China Section Track Sessions

- 1014 Chinese Agricultural Commodity Price and Demand, and Their Implications to Trade with United States  
*Sunday, 3:00 pm–4:30 pm*
- 3014 Green, Blue, and Brown: Assessing the State of the Economics of Forests, Water, and Grass in Rural China  
*Tuesday, 8:00 am–9:30 am*

### COSBAE Track Sessions

- 2016 Examining the Effects of Trade Policies Applied to Horticultural Markets  
*Monday, 10:15 am–11:45 am*
- 2046 Agricultural Development Challenges: Lessons from Africa and the Caribbean  
*Monday, 1:30 pm–3:00 pm*
- 2071 Where Do Agricultural Economists Fit in the Local Food Movement?  
*Monday, 4:00 pm–5:30 pm*
- 3070 Emerging and Current Issues in Agricultural Biotechnology  
*Tuesday, 1:30 pm–3:00 pm*

### CWAE Track Sessions

- 1001 Continuing the Tradition: Employing Tested and Emerging Economic Tools in Framing Sustainability Challenges for a Global Economy  
*Sunday, 3:00 pm–4:30 pm*
- 2045 Performance Implications of Sustainability Initiatives in Agri-food Companies  
*Monday, 1:30 pm–3:00 pm*
- 3001 Teaching on a Tight Budget: What Do We Do with More Students and Less Resources?  
*Tuesday, 8:00 am–9:30 am*
- 3044 Women in Agricultural Economics: A Centennial Celebration  
*Tuesday, 9:45 am–11:15 am*
- 3070 Emerging and Current Issues in Agricultural Biotechnology  
*Tuesday, 1:30 pm–3:00 pm*

## CONCURRENT SESSION TOPICAL INDEX

### Demand & Price Analysis

Posters: C2, M34–M56

- 1009 Are Historical Estimates of Food Demand in China Good Guides to Future Demand?  
*Sunday, 3:00 pm–4:30 pm*
- 2023 Demand for Fruits and Fresh Vegetables  
*Monday, 10:15 am–11:45 am*
- 3005 Inferring WTP from Demand Estimates  
*Tuesday, 8:00 am–9:30 am*
- 3062 Demand for Milk and Beverages  
*Tuesday, 1:30 pm–3:00 pm*
- 3063 Price Transmission  
*Tuesday, 1:30 pm–3:00 pm*
- 3103 Price Interdependence  
*Tuesday, 4:00 pm–5:30 pm*

### Econometrics Section Track Sessions

- 1011 Copulas: How to Better Model Dependent Random Variables  
*Sunday, 3:00 pm–4:30 pm*
- 2042 Propensity Score Matching: Learning How and When to Use This Technique  
*Monday, 1:30 pm–3:00 pm*
- 3011 Fifty Years of Choice Modeling  
*Tuesday, 8:00 am–9:30 am*
- 3096 Econometric Developments in Agricultural and Resource Economics: The First 100 Years  
*Tuesday, 4:00 pm–5:30 pm*

### Environmental & Nonmarket Valuation

Posters: M57–M68

- 1010 Quantifying the Determinants of Land Values: The Impacts of Irrigation, Recreational Amenities, and Off-farm Income  
*Sunday, 3:00 pm–4:30 pm*
- 2008 Comparison of Valuation Methods in Resource Management  
*Monday, 10:15 am–11:45 am*
- 2009 Advances in Nonmarket Valuation  
*Monday, 10:15 am–11:45 am*
- 2027 Nonmarket Valuation of Ecological Goods and Food Attributes  
*Monday, 10:15 am–11:45 am*
- 2036 Experiments, Information, and Choice  
*Monday, 1:30 pm–3:00 pm*
- 2039 Conservation and Ecosystem Services  
*Monday, 1:30 pm–3:00 pm*
- 2066 Farmland Valuation Issues  
*Monday, 4:00 pm–5:30 pm*
- 3104 Valuing Recreation  
*Tuesday, 4:00 pm–5:30 pm*

### Experimental Economics

Posters: M69–M73, T55

- 2014 Methodological Developments and Issues in Experimental Auctions  
*Monday, 10:15 am–11:45 am*
- 3078 Applications of Experimental Methods  
*Tuesday, 1:30 pm–3:00 pm*

### Extension Section Track Sessions

- 1006 USDA/Land Grant Extension Outlook Program and Role of Farm Management  
*Sunday, 3:00 pm–4:30 pm*
- 2022 Washington Policy Update by Chief Economists from the House and Senate Agriculture Committees and the USDA-Farm Service Agency  
*Monday, 10:15 am–11:45 am*
- 2032 The Land Grant Vision of Extension's Future  
*Monday, 1:30 pm–3:00 pm*
- 2063 Greenhouse Gas Markets and Agriculture  
*Monday, 4:00 pm–5:30 pm*
- 3012 Risk Issues at the Interface of Extension and Research  
*Tuesday, 8:00 am–9:30 am*
- 3030 Graduate Student Competition in Extension—Winners' Presentations  
*Tuesday, 9:45 am–11:15 am*
- 3075 Extension Section Crops Outlook  
*Tuesday, 1:30 pm–3:00 pm*
- 3101 Livestock Outlook  
*Tuesday, 4:00 pm–5:30 pm*

### FAMPS Track Sessions

- 2016 Examining the Effects of Trade Policies Applied to Horticultural Markets  
*Monday, 10:15 am–11:45 am*
- 2043 Centennial Overview of Food and Agricultural Marketing Policy Issues  
*Monday, 1:30 pm–3:00 pm*
- 3002 New Evidence on the Structure of Agricultural and Food Markets  
*Tuesday, 8:00 am–9:30 am*
- 3072 Policy Responses to Instability in Agricultural Markets: Retrospect and Prospect  
*Tuesday, 1:30 pm–3:00 pm*
- 3085 Policy Issues Affecting Food and Agribusinesses  
*Tuesday, 1:30 pm–3:00 pm*
- 3088 Climate Change Legislation: Food Sector Impacts  
*Tuesday, 4:00 pm–5:30 pm*

### Food & Agricultural Marketing

Posters: M75–M90

- 2011 Making Local and Regional Food Systems Successful  
*Monday, 10:15 am–11:45 am*
- 2012 Vertical Coordination in the Evolving High Quality Beef Market  
*Monday, 10:15 am–11:45 am*
- 2017 Consumer Preference, Marketing, and Brand Choice of Beef Products  
*Monday, 10:15 am–11:45 am*
- 2037 Marketing and Consumer Preference for Sustainable Agricultural Products  
*Monday, 1:30 pm–3:00 pm*
- 2072 Consumer-driven Changes in Food Marketing Channels: Organics and Sustainable Food Systems in the United States  
*Monday, 4:00 pm–5:30 pm*
- 2084 Niche Marketing and Evolving Consumer Preferences  
*Monday, 4:00 pm–5:30 pm*

## CONCURRENT SESSION TOPICAL INDEX

- 3053 Market and Price Analysis of Agricultural Products in Asian Pacific Countries  
*Tuesday, 9:45 am–11:15 am*
- 3054 The Economics of Functional Foods  
*Tuesday, 9:45 am–11:15 am*
- 3092 Consumer Preference for Quality Information and Labeling Information  
*Tuesday, 4:00 pm–5:30 pm*

### Food & Agricultural Policy Analysis

Posters: C4, M91–M113

- 2020 Crop Insurance  
*Monday, 10:15 am–11:45 am*
- 2029 Food and Agricultural Policy Analysis  
*Monday, 10:15 am–11:45 am*
- 2041 Effects of Biofuel Mandates in a Context of Ethanol Demand Constraints, Cellulosic Biofuel Costs, and Compliance Mechanisms  
*Monday, 1:30 pm–3:00 pm*
- 2055 Labeling and Geographic Indications  
*Monday, 1:30 pm–3:00 pm*
- 2068 Agricultural and Applied Economics Research: What Makes It Relevant for Policy Advice?  
*Monday, 4:00 pm–5:30 pm*
- 3008 High Calorie Food Policies  
*Tuesday, 8:00 am–9:30 am*
- 3036 Input Policies  
*Tuesday, 9:45 am–11:15 am*
- 3037 Food Security  
*Tuesday, 9:45 am–11:15 am*
- 3057 Long-term Agricultural Structural Change in the United States, Canada, and Brazil  
*Tuesday, 9:45 am–11:15 am*
- 3065 Subsidy Incidence  
*Tuesday, 1:30 pm–3:00 pm*
- 3090 Trade Policy  
*Tuesday, 4:00 pm–5:30 pm*
- 3094 Working with the New NIFA  
*Tuesday, 4:00 pm–5:30 pm*

### Food Safety & Nutrition

Posters: C3, M114–M127

- 2028 Food Safety  
*Monday, 10:15 am–11:45 am*
- 2041 Applying Household Scanner Data to Food and Nutrition Economics Research  
*Monday, 1:30 pm–3:00 pm*
- 2050 Public Policy, Health, and Food  
*Monday, 1:30 pm–3:00 pm*
- 2055 Nutrition and Food Safety  
*Monday, 1:30 pm–3:00 pm*
- 2080 Food Safety and Consumers  
*Monday, 4:00 pm–5:30 pm*
- 3034 Health and Food Behavior  
*Tuesday, 9:45 am–11:15 am*
- 3066 Firms and Food Safety  
*Tuesday, 1:30 pm–3:00 pm*

### FSN Section Track Sessions

- 1003 Evaluation—Measuring the Impact of Food Safety and Nutrition Policy  
*Sunday, 3:00 pm–4:30 pm*
- 2001 Healthy Food or Healthy People? How Do Food and Nutrition Assistance Programs Contribute to the Health of Low Income Americans?  
*Monday, 10:15 am–11:45 am*
- 2061 The Second Century of Food and Consumer Economics: What Will Be Remembered in 2110?  
*Monday, 4:00 pm–5:30 pm*
- 3015 Behavioral Economics Research Approaches: Innovative Applications in Nutrition and Food Safety  
*Tuesday, 8:00 am–9:30 am*
- 3074 How Health Is Changing the Dynamics of Food Innovation  
*Tuesday, 1:30 pm–3:00 pm*
- 3098 Promoting Food Choice and Health for Children: Political, Economic, and Behavioral Aspects  
*Tuesday, 4:00 pm–5:30 pm*

### GSS Track Sessions

- 2030 Navigating Article Writing and the Publishing Process  
*Monday, 10:15 am–11:45 am*
- 2031 How to Give a Presentation: Research, Extension, and Teaching  
*Monday, 1:30 pm–3:00 pm*
- 2059 How to Survive Graduate School  
*Monday, 4:00 pm–5:30 pm*
- 3030 Graduate Student Competition in Extension—Winners' Presentations  
*Tuesday, 9:45 am–11:15 am*
- 3084 How Graduate School Prepared Me for a Career in Industry  
*Tuesday, 1:30 pm–3:00 pm*

### Household & Labor Economics

Posters: T2–T10

- 2035 Agricultural Labor  
*Monday, 1:30 pm–3:00 pm*
- 3007 Food, Health, and Households  
*Tuesday, 8:00 am–9:30 am*
- 3052 Household Decision-making  
*Tuesday, 9:45 am–11:15 am*

### IBES Track Sessions

- 2004 Advances in Transaction Cost Measurement for Environmental and Natural Resources Policy  
*Monday, 10:15 am–11:45 am*
- 2073 Moving Beyond Self-interest in Economic Choice: Further Tests of Social Capital and Dual Interests Theory  
*Monday, 4:00 pm–5:30 pm*
- 3015 Behavioral Economics Research Approaches: Innovative Applications in Nutrition and Food Safety  
*Tuesday, 8:00 am–9:30 am*
- 3042 A Common Nobel Legacy: Exploring the Intellectual Foundations and Future Implications of the Work of Oliver Williamson and Elinor Ostrom  
*Tuesday, 9:45 am–11:15 am*
- 3100 Alerting All Entrepreneurs! Research on Ethical Awareness and Entrepreneurial Behavior  
*Tuesday, 4:00 pm–5:30 pm*

## CONCURRENT SESSION TOPICAL INDEX

### Industrial Organization & Supply Chain Management

Posters: **M128, T11–T20**

- 2053 Product Differentiation  
*Monday, 1:30 pm–3:00 pm*
- 3006 Retail Strategies  
*Tuesday, 8:00 am–9:30 am*
- 3019 Contracts  
*Tuesday, 8:00 am–9:30 am*
- 3027 Market Power and Vertical Coordination Issues in Canadian Meat Sectors  
*Tuesday, 8:00 am–9:30 am*
- 3067 Market Power  
*Tuesday, 1:30 pm–3:00 pm*

### Institutional Economics

Posters: **M129**

- 1013 *Applied Economics Perspectives and Policy: Lessons Learned in the First Year and a Forecast for the Future*  
*Sunday, 3:00 pm–4:30 pm*
- 2081 Institutional Analysis of Natural Resource and Renewable Fuels  
*Monday, 4:00 pm–5:30 pm*

### International Development

Poster: **M130–M158**

- 2010 Climate Change and Agriculture  
*Monday, 10:15 am–11:45 am*
- 2021 Agricultural Productivity, Technology Adoption, and Markets  
*Monday, 10:15 am–11:45 am*
- 2051 Empirical Poverty Analysis  
*Monday, 1:30 pm–3:00 pm*
- 2069 Integrating Health, Nutrition, and Food Systems: Rethinking Malnutrition Reduction  
*Monday, 4:00 pm–5:30 pm*
- 2078 Climate Change Impacts on International Agriculture  
*Monday, 4:00 pm–5:30 pm*
- 3018 Childhood Nutrition and Health  
*Tuesday, 8:00 am–9:30 am*
- 3050 Credit, Insurance, and Economic Development  
*Tuesday, 9:45 am–11:15 am*
- 3089 Investment, Trade, and R&D in International Development  
*Tuesday, 4:00 pm–5:30 pm*
- 3091 Land Markets  
*Tuesday, 4:00 pm–5:30 pm*

### International Section Track Sessions

- 2013 Has the WTO Constrained Domestic Support Policies?  
*Monday, 10:15 am–11:45 am*
- 2033 The Contribution of Agricultural Economists to the Understanding of International Trade  
*Monday, 1:30 pm–3:00 pm*
- 2062 Food Consumption Trends in Urban China, Implications for International Agricultural Markets  
*Monday, 4:00 pm–5:30 pm*
- 3031 The Contribution of Agricultural Economics to the Understanding of International Economic Development  
*Tuesday, 9:45 am–11:15 am*

- 3032 Food, Fuel, and Forest: Climate Change and Land Use Issues in the 21st Century  
*Tuesday, 9:45 am–11:15 am*

- 3061 Exchange Rates, Prices, and Agricultural Trade: What Have We Learned?  
*Tuesday, 1:30 pm–3:00 pm*

- 3087 Climate Change and Agriculture: Impacts, Adaptation, and Mitigation  
*Tuesday, 4:00 pm–5:30 pm*

### International Trade

Posters: **C5, M155, T21–T36**

- 1012 Border Inspections and Import Refusals in Agri-food Trade: Issues and Empirical Evidence  
*Sunday, 3:00 pm–4:30 pm*
- 2002 U.S. Agricultural Trade  
*Monday, 10:15 am–11:45 am*
- 2079 The Gravity of Technical Trade Barriers  
*Monday, 4:00 pm–5:30 pm*
- 2085 Current Issues in Canadian Agri-food Trade, Sponsored by CATPRN  
*Monday, 4:00 pm–5:30 pm*
- 3013 Trade Liberalization, Climate Change Policies, and the Environment: The Growing Interaction and Impact  
*Tuesday, 8:00 am–9:30 am*
- 3016 Renewable Fuels/Biofuels and Trade  
*Tuesday, 8:00 am–9:30 am*
- 3022 Climate Change, Environment, and Trade  
*Tuesday, 8:00 am–9:30 am*
- 3046 Agricultural Trade and International Development  
*Tuesday, 9:45 am–11:15 am*
- 3056 International Trade  
*Tuesday, 9:45 am–11:15 am*
- 3095 The Economic Crisis of 2008–09 and Agriculture  
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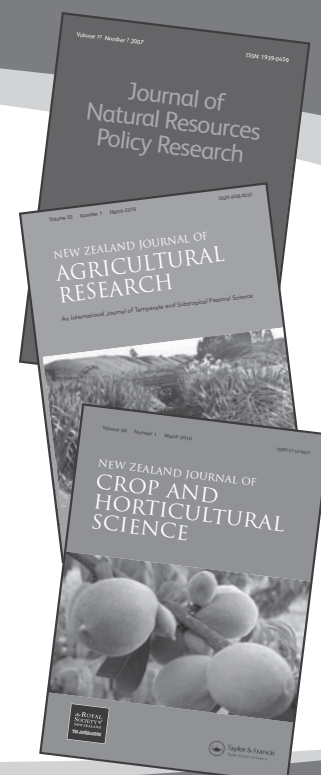
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### A

**Abahana, Zelalem;** South Dakota State University; **M41**

**Abbott, Brant;** University of Victoria; **3081**

**Abbott, Philip;** Purdue University; **3061**

**Abdelnour, Rita;** University of Nebraska; **M72**

**Abidoye, Babatunde;** Iowa State University; **2009**

**Abler, David;** Pennsylvania State University; **1009**

**Adachi, Kenji;** University of Minnesota; **M147**

**Adamowicz, Wiktor;** University of Alberta; **2028**

**Adams, Charles;** University of Florida; **1004**

**Adams, Damian C.;** Oklahoma State University; **2049, 3077**

**Adcock, Flynn;** Texas A&M University; **M141**

**Adhikari, Shyam;** Texas Tech University; **2020**

**Adjemian, Michael;** USDA-Economic Research Service; **T16**

**Agee, Mark;** Pennsylvania State University; **3015**

**Aghaei, Majid;** University of Kentucky; **M19**

**Aguilar, Francisco;** University of Missouri; **3005**

**Ahearn, Mary;** USDA-Economic Research Service; **1007, 3057, 3073**

**Ahmed, Syud;** World Bank; **2078**

**Aisabokhae, Ruth A.;** Texas A&M University; **T102**

**Akaichi, Faical;** University of Arkansas; **2037, M69**

**Alam, Mohammad J.;** Ghent University; **3053**

**Aldana, Ursula;** University of Wisconsin; **3021**

**Alexander, Corinne;** Purdue University; **3070, M73**

**al Hassan, Mohammed;** University of Georgia; **M60**

**Ali, Md. Kamar;** University of Lethbridge; **2057**

**Allen, Albert;** Mississippi State University; **3046**

**Alston, Julian;** University of California, Davis; **2050, 2076, M52, T48**

**Alviola, Pedro;** University of Arkansas; **2059, 3062**

**Alwang, Jeffrey;** Virginia Tech; **M157**

**Amadou, Zakou;** Oklahoma State University; **2017**

**Amanor-Boadu, Vincent;** Kansas State University; **1001, 2045, 3045**

**Amiraslany, Afshin;** University of Saskatchewan; **3055**

**Amponsah, William;** Georgia Southern University; **2002, 2046**

**Anders, Sven;** University of Alberta; **1012, 3006, C1, M89**

**Andersen, Matthew;** University of Wyoming; **2024, 2074**

**Anderson, Benjamin C.;** The Ohio State University; **T11**

**Anderson, Christopher M.;** University of Rhode Island; **3051, T101**

**Anderson, John;** American Farm Bureau Federation; **2017, 3012**

**Anderson, Kym;** University of Adelaide; **2033**

**Anderson, Leigh;** University of Saskatchewan; **3025**

**Anderson, Shonda;** Kansas State University; **M87**

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**Aralas, Sarma B.;** Michigan State University; **3022**

**Aravindhakshan, Sijesh C.;** Oklahoma State University; **T110**

**Archer, David;** USDA-Agricultural Research Service; **3082, T112**

**Arends-Kuening, Mary;** University of Illinois at Urbana-Champaign; **2069**

**Arezki, Rabah;** International Monetary Fund; **3091**

**Arimoto, Yutaka;** University of Tokyo; **3036**

**Arnade, Carlos;** USDA-Economic Research Service; **T123**

**Arnall, D. Brian;** Oklahoma State University; **3080**

**Arndt, Channing;** University of Copenhagen; **2010**

**Arnold, Michael;** University of Delaware; **3081**

**Arsenault, Adam;** Forecasting and Program Analysis; **2058**

**Asirvatham, Jebaraj;** University of Illinois at Urbana-Champaign; **3015, 3034**

**Atasoy, Sibel;** Virginia Tech; **2050, M122**

**Attavanich, Witsanu;** Texas A&M University; **3084**

**Aultman, Stephen S.;** University of Minnesota; **2049, M65**

**Aylward, Bruce;** Ecosystem Economics, LLC; **2004**

### B

**Babcock, Bruce;** Iowa State University; **T100, T122**

**Baek, Jungho;** University of Alaska; **2002, 3056**

**Bageant, Elizabeth R.;** Cornell University; **M97**

**Baharanyi, Ntam;** Tuskegee University; **3009**

**Bahn, Henry;** USDA-National Institute of Food and Agriculture; **2032, 2071**

**Bai, Junfei;** Washington State University; **2062**

**Bailey, Alastair;** University of Kent; **M115**

**Bailey, Jessica E.;** Missouri State University; **3035**

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**Bakhshi, Samira;** University of Saskatchewan; **2029**

**Balagtas, Joseph V.;** Purdue University; **3002, 3024, T20**

**Balmann, Alfons;** Leibniz-Institute of Agricultural Development in Central and Eastern Europe; **T17**

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**Barham, Bradford;** University of Wisconsin; **3021**

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**Barr, Terry;** CoBank; **3058**

**Barrett, Christopher B.;** Cornell University; **1013, 3018, 3031, 3099, M97**

**Bastian, Christopher;** University of Wyoming; **2007, M6**

**Batie, Sandra;** Michigan State University; **2003**

**Batte, Marvin;** The Ohio State University; **2037, 2072, M74, T90**

**Bayham, Jude;** Washington State University; **M96**

**Baylis, Kathy;** University of Illinois at Urbana-Champaign; **1012, 2039, 3018, 3046, 3076, 3090**

**Beach, Robert H.;** RTI International; **2018**

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- Beattie, Bruce**; University of Arizona; 3001
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- Bennett, Nick**; University of Guelph; 2082
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- Bessler, David**; Texas A&M University; 3096, M128
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- Bhattacharjee, Subhra**; Iowa State University; 2009
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- Bi, Xiang**; University of Illinois at Urbana-Champaign; 3068
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- Blandon, Jose**; University of Guelph; 2084
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- Blayney, Donald**; USDA-Economic Research Service; M99, T74
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**Buyuktahtakin, Esra**; University of Arizona; **3077**

**Buzby, Jean**; USDA-Economic Research Service; **1012**

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**Cai, Xiaowei**; California Polytechnic State University, San Luis Obispo; **T12, T19**

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**Cakir, Metin**; Purdue University; **3002, T20**

**Calantone, Roger**; Michigan State University; **M88**

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**Cash, Sean B.**; University of Wisconsin; **2040, 3007, 3098, C1**

**Cassidy, Heather**; Ministry of Agriculture, Food and Rural Affairs; **2082**

**Castaño, José Pedro**; Instituto Nacional de Investigación Agropecuaria, Uruguay; **M46**

**Castilla, Carolina**; The Ohio State University; **2007, 3052**

**Castle, Emery**; Oregon State University; **2003**

**Caswell, Julie**; University of Massachusetts Amherst; **1012, 3044, 3070**

**Chaddad, Fabio**; University of Missouri; **1001, 3045, M27**

**Chala, Zelalem**; Virginia Tech; **3046**

**Chambers, Bill**; Stahlbush Island Farms; **3085**

**Chambers, Karla**; Stahlbush Island Farms; **3059**

**Champ, Patricia**; U.S. Forest Service; **2008, 2049**

**Champetier de Ribes, Antoine**; University of California, Davis; **3051**

**Chang, Hung-Hao**; National Taiwan University; **M30**

**Chang, Jae Bong**; Oklahoma State University; **2007, M86**

**Chang, Kuo-Liang**; South Dakota State University; **3004**

**Chang, Ta-Chuan**; National Taiwan University; **M30**

**Chapman, David J.**; Stratus Consulting; **M62**

**Chaubey, Indrajeet**; Purdue University; **T50**

**Chavas, Jean-Paul**; University of Wisconsin; **1006, 2070, 3002, 3069, 3086, M79**

**Chembezi, Duncan M.**; Alabama A&M University; **2071, 3009, 3070, 3088**

**Chen, Huilan**; Michigan State University; **M107**

**Chen, Qihui**; University of Minnesota; **T10**

**Chen, Shu-Ling**; National Tsing Hua University; **M12**

**Chen, Wei**; Shanghai University of Finance and Economics; **1014, T25**

**Chen, Xiaoguang**; University of Illinois at Urbana-Champaign; **2018, 2044**

**Chen, Ying-Erh**; North Carolina State University; **2054**

**Chen, Yunguang**; Purdue University; **2054**

**Chevassus-Lozza, Emmanuelle**; Institut National de la Recherche Agronomique; **T27**

**Chidmi, Benaissa**; Texas Tech University; **2076, 3020**

**Childress, Ronald**; University of Kentucky; **3035**

**Chintawar, Sachin**; Louisiana State University; **2035**

**Chiu, Alice**; International Food Policy Research Institute; **3052**

**Cho, Jaesung**; Cornell University; **M3**

**Cho, Seong-Hoon**; University of Tennessee; **2038, 3013, T63**

**Choi, Hee-Jung**; North Carolina State University; **3062**

**Choi, Suk-Won**; National Center for Atmospheric Research; **3082**

**Chouinard, Hayley**; Washington State University; **2020, 3064**

**Chu, Xueling**; Zhejiang University; **T134**

**Chung, Chanjin**; Oklahoma State University; **3067**

**Ciaian, Pavel**; European Commission; **3103**

**Claassen, Roger**; USDA-Economic Research Service; **T111**

**Clark, Christopher**; University of Tennessee; **3005, M57, T37**

**Clark, J. Stephen**; Nova Scotia Agricultural College; **3027, T74**

**Clay, Dawn Marie**; USDA-Economic Research Service; **3073**

**Clayton-Niederman, Z.**; University of Arkansas; **T47**

**Cleary, Rebecca**; University of Wisconsin; **M79**

**Clevenger, Dustin**; Gavilon Group; **3029**

**Clow, Brad**; Union Pacific; **3058**

**Coatney, Kalyn T.**; Mississippi State University; **T13**

**Coble, Keith**; Mississippi State University; **3008, M104**

**Cobourn, Kelly**; Boise State University; **T58**

**Coggins, Jay**; University of Minnesota; **M65**

**Collins, Keith**; USDA-Office of the Chief Economist; **3097**

**Colson, Gregory**; University of Georgia; **2014, 2052, 2076, 3068**

**Coman, Maria A.**; University of Connecticut; **M33**

**Conklin, Neilson**; Farm Foundation; **3085**

**Conley, Dennis**; University of Idaho; **3059**

**Cook, Alasdair J. C.**; Veterinary Laboratories Agency; **3023**

**Cook, Billy**; Samuel Roberts Noble Foundation; **2017**

**Cook, Michael**; University of Missouri; **2015, 3045**

**Cook, Tatiana**; University of Lethbridge; **C6**

**Cooke, Stephen**; University of Idaho; **3071**

**Cooper, Joseph**; USDA-Economic Research Service; **2018, 2054, T111, T123**

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## PROGRAM PARTICIPANTS

**Corah, Larry**; Certified Angus Beef, LLC; 2012

**Cordero Salas, Paula**; The Ohio State University; 3082

**Corrigan, Jay**; Kenyon College; 2014

**Costa, Rafael**; Texas A&M University; M141

**Costa de Oliveira, Octavio**; Brazilian Institute of Geography and Statistics; 3057

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**Deininger, Klaus**; World Bank; 2051, 3091, M138

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**De Laporte, Aaron V.**; University of Guelph; 3055

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**Deller, Steven**; University of Wisconsin; 2019

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**Deng, Xiangzheng**; Center for Chinese Agricultural Policy; 3014, 3079

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**Dickey, Elbert**; University of Nebraska; 2032

**Dicks, Michael R.**; Oklahoma State University; T128

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**Diersen, Matthew**; South Dakota State University; M41

**Diffenbaugh, Noah S.**; Stanford University; 2078

**Dillon, Andrew**; International Food Policy Research Institute; 3038

**Dimitri, Carolyn**; USDA-Economic Research Service; 2072

**Ding, Yulian**; University of Alberta; 2028, 2084

**Dismukes, Robert**; USDA-Economic Research Service; 3090

**Dissanayake, Sahan**; University of Illinois at Urbana-Champaign; 2039, 3081, T52

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**Doering, Otto**; Purdue University; 2068, 3009

**Dong, Fengxia**; Iowa State University; 2065, 3013, M116, T115

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**Dorfman, Jeffrey**; University of Georgia; 2030, 2042, 3023, 3096, T88

**Doud, Greg**; National Cattlemen's Beef Association; 3028

**Doumax, Virginie**; Paul Cezanne University; 2018

**Doye, Damona**; Oklahoma State University; 3044, T141

**Doyon, Maurice**; Université Laval; 2027

**Dozi, Pedro**; University of Missouri; T138

**Drabik, Dusan**; Cornell University; 3016

**Drescher, Larissa**; Technische Universität München; 3098

**Drichoutis, Andreas C.**; University of Ioannina; 2014

**Du, Xiaodong**; Iowa State University; 2075, 3013, T87, T115

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**Eales, James**; Purdue University; 2061

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**Ehmke, Cole**; University of Wyoming; T142

**Ehmke, Mariah D.**; University of Wyoming; 2007, 3015

**Eidman, Vernon**; University of Minnesota; 2003, 2044, 3086

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- Elobeid, Amani**; Iowa State University; T67, T70
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- English, Alicia**; Purdue University; 2030
- English, Burton**; University of Tennessee; 3040, 3080, M57, T37, T64, T95
- English, Donald B.K.**; U.S. Forest Service; 2038
- Epanchin-Niell, Rebecca**; University of California, Davis; 3077
- Epplin, Francis M.**; Oklahoma State University; 2024, 3040, T110
- Erbas, Bahar**; Duquesne University; 3068
- Erdem, Seda**; University of Manchester; 2080, 3015, 3034
- Erickson, Kenneth**; USDA-Economic Research Service; 2005, M1, M13
- Ernst, Stanley**; The Ohio State University; 2037, T90
- Escalante, Cesar L.**; University of Georgia; 2065, M5, T3
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- Evans, Mariah D.R.**; University of Nevada at Reno; 3079
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- Fadhuile, Adelaide**; Université Panthéon-Assas Paris II; M39
- Fadlaoui, Aziz**; National Institute of Agricultural Research, Morocco; 3099
- Falahi, M.A.**; University of Kentucky; T68
- Fan, Maoyong**; Ball State University; 2001
- Fan, Shenggen**; International Food Policy Research Institute; 2010
- Fannin, J. Matthew**; Louisiana State University; 1004, 2019
- Farmer, Michael**; Texas Tech University; 2075
- Farrell, Kenneth**; University of California; 2003
- Farrigan, Tracey**; USDA-Economic Research Service; T118
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- Fausey, Norman R.**; USDA-Agricultural Research Service; 2066
- Fausti, Scott**; South Dakota State University; T98
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- Ferrell, Shannon**; Oklahoma State University; 2031
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- Findeis, Jill**; Pennsylvania State University; 3052
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- Fleming, David A.**; Pennsylvania State University; 3064
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- Flores-Lagunes, Alfonso**; University of Florida; 2035, 2078
- Florkowski, Wojciech J.**; University of Georgia; 3053
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- Folkesson, Carina**; General for Agriculture and Rural Development European Commission; 1008
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- Fonsah, Esendugue Greg**; University of Georgia; 2023
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- Fox, Sean**; Kansas State University; M87
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- Franken, Jason**; University of Missouri; M82
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- Fuchs, Alan**; University of California, Berkeley; 3099
- Fuglie, Keith**; USDA-Economic Research Service; 2074
- Fujie, Takeshi**; Shiga University; M70
- Fulginiti, Lilyan**; University of Nebraska; 2024, 3033, T41
- Fuller, Kate B.**; University of California, Davis; T48
- Fulton, Joan**; Purdue University; M130, T35
- Fulton, Murray**; University of Saskatchewan; 2056
- Funtanilla, Margil**; Texas Tech University; 3020
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- Gagnon, Nadia**; Agriculture and Agri-Food Canada; 2029
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- Galbraith, Craig M.**; Agriculture and Agri-Food Canada; 3063
- Gale, Fred**; USDA-Economic Research Service; 1009
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- Gallo, Ernesto**; EAP Zamorano University; M17
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- Gao, Zhifeng**; University of Florida; 2017, 3034, 3066, M77, M156
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- Garcia, Pablo Antonio**; Louisiana State University; 3066, M143
- Garcia, Philip**; University of Illinois at Urbana-Champaign; M84
- García-Jiménez, Carlos I.**; Louisiana State University; M80
- Garduno-Rivera, Rafael**; University of Illinois at Urbana-Champaign; 3046

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**Garrick, Dustin**; University of Arizona; 2004

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**Gervais, Jean-Philippe**; North Carolina State University; 2085, 3027, 3065, M91

**Geylani, Pinar**; Duquesne University; 3068

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**Gillespie, Jeffrey**; Louisiana State University; M81, T74

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**Glauber, Joseph**; USDA-Office of the Chief Economist; 2013

**Gleason, Phillip**; Mathematica Policy Research; 1003

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**Goddard, Ellen**; University of Alberta; 2027, 2028, 2055, 3056, 3074, C2, C4, C5

**Godwin, Joseph**; Auburn University; 2002

**Goetz, Linde**; Leibniz-Institute of Agricultural Development in Central and Eastern Europe; 3090

**Goetz, Stephan**; Pennsylvania State University; 3034

**Goldsmith, Peter**; University of Illinois at Urbana-Champaign; 2069, 3003, M36

**Golub, Alla**; Purdue University; 3048, 3079, 3082

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**Gundersen, Craig**; University of Illinois at Urbana-Champaign; 2001, 2069

**Gunderson, Michael**; University of Florida; 2045

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**Hallahan, Charlie**; USDA-Economic Research Service; 2005, 3080, M1, M13, T74

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- Hernandez, Ricardo;** Michigan State University; 2051
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- Holmgren, Mark;** Washington State University; 3083
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- Huang, Haixiao;** University of Illinois at Urbana-Champaign; 2018, 2044, 2074
- Huang, Jikun;** Center for Chinese Agricultural Policy; 2010, 2062, 3014, 3032, 3079
- Huang, Kuo;** USDA-Economic Research Service; 1009, M114
- Huang, Qiuqiong;** University of Minnesota; 3014
- Huang, Rui;** University of Connecticut; 3008, M50
- Huang, Sophia;** USDA-Economic Research Service; M114
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- Hughner, Renee;** Arizona State University; M120
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- Hurt, Christopher;** Purdue University; 3075
- Ibarburu, Maro;** Iowa State University; M21
- Ibendahl, Gregory;** Mississippi State University; 3012
- Ibro, Germaine;** Institut National de la Recherche Agronomique; M130, T35
- Ifft, Jennifer;** University of California, Berkeley; 3099
- Igarashi, Yoshiyuki;** University of Wyoming; 2024
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- Innes, Robert;** University of Arizona; 3006
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- Irwin, Elena;** The Ohio State University; 3041
- Irwin, Scott;** University of Illinois at Urbana-Champaign; 2043
- Isengildina-Massa, Olga;** Clemson University; M40
- Ishdorj, Ariun;** Texas A&M University; 3098
- Islam, Shahnila;** University of Illinois at Urbana-Champaign; 2008
- Jaenicke, Edward C.;** Pennsylvania State University; 2072
- Jagger, Craig;** House Agriculture Committee; 2022, 3088
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**Jensen, Nathaniel**; University of Missouri; **M133**

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**Jiang, Yong**; Center for Agricultural Policy and Trade Studies; **T38**

**Jin, Na**; Iowa State University; **M4**

**Jin, Songqing**; Michigan State University; **3050, M138**

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**Johnson, Jeffrey**; Texas Tech University; **3017**

**Johnson, Nancy**; International Livestock Research Institute; **3018**

**Johnson, Phillip**; Texas Tech University; **3004, 3036, T22**

**Johnston, Robert**; Clark University; **2009, 2036, 2066**

**Jolejole, Maria Christina**; University of Illinois at Urbana-Champaign; **2047**

**Jolliffe, Dean**; World Bank; **3007**

**Jones, Derrick**; U.K. Food Standards Agency; **1003**

**Jones, Keithly**; USDA-Economic Research Service; **3103**

**Jones, Luke**; University of Tennessee; **3078**

**Jordan, Jeffrey**; University of Georgia; **2048**

**Josling, Timothy**; Stanford University; **2013, 2033**

**Just, David R.**; Cornell University; **2042, 2073, 2080, 3016, M29, M30**

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**Kaditi, Eleni A.**; Centre for Planning and Economic Research; **2038**

**Kaiser, Harry**; Cornell University; **2084**

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**Kaminsky, Michael**; Arizona State University; **2036**

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**Kasperski, Stephen**; National Marine Fisheries Service; **2077**

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**Kawasaki, Kentaro**; Policy Research Institute, Ministry of Agriculture, Forestry and Fisheries; **M70**

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**Kazmierczak, Richard F.**; Louisiana State University; **2077, T39**

**Keating, Ariel**; South Dakota State University; **T98**

**Keeler, Andrew**; The Ohio State University; **2004**

**Keeling-Bond, Jennifer**; Colorado State University; **2011**

**Keeney, Roman**; Purdue University; **2075, 3090, T136**

**Keith, John**; Utah State University; **3104**

**Keithly, Walter**; Louisiana State University; **T39**

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**Kennedy, P. Lynn**; Louisiana State University; **M45, M135, M143**

**Kerr, William A.**; University of Saskatchewan; **2085**

**Keske, Catherine**; Colorado State University; **M58, M59**

**Key, Nigel**; USDA-Economic Research Service; **2006, 2074, 3019, 3049**

**Khachatryan, Marianna**; University of Nebraska; **2073, T81**

**Khanna, Madhu**; University of Illinois at Urbana-Champaign; **2018, 2044, 2074, 3016, 3048, 3068, T36**

**Khanna, Neha**; Rollins College; **3068**

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**Kibonge, Aziza**; University of Nebraska; **T84**

**Kibriya, Shahriar**; Texas A&M University; **M132**

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**Kiesel, Kristin**; California State University, Sacramento; **3008**

**Kilkenny, Maureen**; University of Nevada at Reno; **3041, T8**

**Kim, C. S.**; USDA-Economic Research Service; **T66**

**Kim, Dae-Young**; University of Rhode Island; **2067**

**Kim, Hyun Seok**; North Dakota State University; **3022**

**Kim, Jiwoong**; Iowa State University; **T105**

**Kim, Man-Keun**; University of Nevada at Reno; **3013**

**Kim, SeungGyu**; University of Tennessee; **2038**

**Kim, Yong-Taek**; Korea Rural Economic Institute; **T63**

**Kim, Yoon Hyung**; The Ohio State University; **3079**

**Kimle, Kevin**; Iowa State University; **3043**

**King, Kevin W.**; USDA-Agricultural Research Service; **2066**

**King, Robert P.**; University of Minnesota; **2015, 3071**

**Kinsey, Jean**; University of Minnesota; **3043, 3066, 3086**

**Kirduang, Phatta**; University of Minnesota; **T131**

**Kirwan, Barrett**; University of Maryland; **2042, 3065**

**Klaiber, H. Allen**; Pennsylvania State University; **2036, T46**

**Klein, Kurt**; University of Lethbridge; **2057, 2068, C3, C6**

**Klein, Nicole**; South Dakota State University; **M41**

**Klein, Peter**; University of Missouri; **3100, M82**

**Kliebenstein, James B.**; Iowa State University; **M21**

**Kling, Catherine**; Iowa State University; **2009, 3010, 3044, 3086**

**Kloeckner, Heike**; University of Bonn; **3092**

**Klose, Steven**; Texas A&M University; **2022, 3012**

**Knight, Thomas**; Texas Tech University; **2020, M104**

**Knutson, Ronald**; Texas A&M University; **1005**

**Kobayashi, Mimako**; University of Nevada at Reno; **2049, 3023, 3079**

**Koito, Kentaro**; Rakuno Gakuen University; **M70**

**Koksal, Aycan**; North Carolina State University; **M53**

**Komarek, Timothy**; Michigan State University; **3048**

**Koo, Won**; North Dakota State University; **2002, 3022**

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- Koontz, Stephen**; Colorado State University; **T59**
- Kostandini, Genti**; University of Georgia; **2048**
- Kraybill, David S.**; The Ohio State University; **2078, M68**
- Kreider, Brent**; Iowa State University; **2001**
- Krissoff, Barry**; USDA-Economic Research Service; **M93**
- Kroll, Stephan**; Colorado State University; **2037, 3092**
- Kropp, Jaclyn**; Clemson University; **3047, 3065**
- Kuffel, Martin**; Hochschule für Technik und Wirtschaft Berlin; **3016**
- Kuku, Oluyemisi**; Iowa State University; **3007, 3052**
- Kulasekera, Kumuduni**; University of Guelph; **2055**
- Kulshreshtha, Suren**; University of Saskatchewan; **2057**
- Kumarappan, Subbu**; Michigan State University; **3004**
- Kurkalova, Lyubov**; North Carolina A&T State University; **T45**
- Kuwayama, Yusuke**; University of Illinois at Urbana-Champaign; **2067**
- L**
- LaFrance, Jeffrey**; Washington State University; **3096**
- Lai, Pei-Chun**; Texas A&M University; **M128**
- Lambert, Dayton**; University of Tennessee; **1002, T92**
- Lambert, Remy**; Université Laval; **3027**
- Lanclos, Kent**; USDA-Risk Management Agency; **3097**
- Landes, Maurice**; USDA-Economic Research Service; **3053**
- Lanfranco, Bruno A.**; Instituto Nacional de Investigación Agropecuaria, Uruguay; **M46**
- Langemeier, Michael**; Kansas State University; **T72, T73**
- Langen, Nina**; University of Bonn; **3092, M85**
- Langley, Suchada**; USDA-Economic Research Service; **3032**
- Langlois, Francis**; Université Laval; **3056**
- Langpap, Christian A.**; Oregon State University; **3038**
- Lanier Nally, Lawton**; University of Arkansas; **3048**
- Lanoue, Christopher**; University of Illinois at Urbana-Champaign; **2054**
- Lansford, Notie**; Oklahoma State University; **T141**
- Lapan, Harvey**; Iowa State University; **2018**
- Larochelle, Catherine**; Virginia Tech; **M157**
- Larsen, Ryan**; Texas A&M University; **2005**
- Larson, Douglas**; University of California, Davis; **2066**
- Larson, James**; University of Tennessee; **3080, T64**
- Larue, Bruno**; Université Laval; **2029, 2058, 3027, 3054, 3056**
- Lasco, Christine**; University of Illinois at Urbana-Champaign; **3048, T36**
- Lassoued, Rim**; University of Saskatchewan; **3054**
- Latouche, Karine**; Institut National de la Recherche Agronomique; **T27**
- Latruffe, Laure**; Institut National de la Recherche Agronomique; **2074**
- Laughland, Pamela**; University of Western Ontario; **3074**
- Lavoie, Nathalie**; University of Massachusetts Amherst; **3067**
- Lawrence, John**; Iowa State University; **2012**
- Lawrence, Russell**; University of Saskatchewan; **2058**
- Lazaridis, Panagiotis**; Agricultural University of Athens; **2014**
- Lazarus, William**; University of Minnesota; **3040, T140**
- Leatham, David**; Texas A&M University; **2005, 3076**
- Leatherman, John C.**; Kansas State University; **3049**
- Lee, Donna J.**; University of Hawaii; **2049**
- Lee, John**; Purdue University; **M146**
- Lee, Jonq-Ying**; University of Florida; **2055, 3008, 3034, 3062, M118**
- Lee, Jung-Sam**; University of Rhode Island; **2067**
- Lee, Nicholas**; Arizona State University; **M120**
- Lee, Youngjae**; Louisiana State University; **M45, M135**
- Leibtag, Ephraim**; USDA-Economic Research Service; **2041, 3002, 3063, M35, T20**
- Leister, Amanda**; Purdue University; **3037, 3090**
- Lemarie, Stephane**; Institut National de la Recherche Agronomique; **M39**
- Le Mener, Léo**; Institut National de la Recherche Agronomique; **T30**
- Lence, Sergio**; Iowa State University; **2020, 2038, M4, M44**
- Lentz, Erin C.**; Cornell University; **M97**
- Leonard, J. Mark**; University of Nebraska at Omaha; **2040**
- LeRoy, Danny**; University of Lethbridge; **2057, 3024, C6**
- Leroy, Laetitia**; International Food Policy Research Institute; **2079**
- Lewandrowski, Jan**; USDA-Office of the Chief Economist; **T66**
- Li, Cheng**; Oregon State University; **T6**
- Li, Hao**; University of Idaho; **T55**
- Li, Jing**; South Dakota State University; **M41, T98**
- Li, Man**; Oregon State University; **3082, T31**
- Li, Xianghong**; Kansas State University; **2072**
- Li, Xiaogu**; University of Tennessee; **T37**
- Liaukonyte, Jura**; Cornell University; **2084**
- Lichtenberg, Erik**; University of Maryland; **2030, 2064, 3010**
- Liddell, Sterling**; Iowa Farm Bureau Federation; **3084**
- Lin, Biing-Hwan**; USDA-Economic Research Service; **3008, M123**
- Lin, C.-Y. Cynthia**; University of California, Davis; **3049**
- Lin, Chung-Tung**; U.S. Food and Drug Administration; **2055, M118**
- Lin, Hen-I**; Texas A&M University; **M105**
- Lin, Shanshan**; University of Georgia; **2026**
- Liu, Donald**; University of Minnesota; **M147, T134**
- Liu, Lan**; University of Minnesota; **2016**
- Liu, Lu**; Utah State University; **3104**
- Liu, Miaoru**; University of Tennessee; **T5**
- Liu, Pu**; The Ohio State University; **3093**
- Liu, Xiaolan**; Texas Tech University; **2075**
- Liu, Xiaouu**; Shandong University; **3006**
- Liu, Yanyan**; International Food Policy Research Institute; **2051**
- Liu, Yuanyuan**; Georg-August-Universität Göttingen; **M126**
- Liu, Zheng**; University of Kentucky; **3051**
- Liverpool, Lenis Saweda**; International Food Policy Research Institute; **2035, 3007**
- Livingston, Michael**; USDA-Economic Research Service; **2064, T92, T103**
- Lobell, David B.**; Stanford University; **2078**

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**Lodge, David**; University of Notre Dame; 3077

**Lohman, Greta**; Colorado State University; M59

**Lohr, Luanne**; USDA-Economic Research Service; M15

**Loomis, John B.**; Colorado State University; 2008, 3010, 3104, M58, M59, M64

**Lopez, Rigoberto**; University of Connecticut; 3006

**Lopez-Feldman, Alejandro**; CIDE; M144

**Low, Sarah**; USDA-Economic Research Service; 3071

**Loy, Jens-Peter**; University of Kiel; 3078

**Lu, Jiamin**; Texas A&M University; 3037

**Lu, Jing**; Iowa State University; 2065, T115

**Lu, Liang**; University of Idaho; T56

**Lu, Zhao**; Cornell University; M3

**Luckstead, Jeff**; Washington State University; 3085, T24, T26

**Lundgren, Jonathan**; USDA-Agricultural Research Service; T98

**Lupi, Frank**; Michigan State University; 2008, 2047, 3048, 3104, M107

**Lusk, Jayson**; Oklahoma State University; 2014, 2041, 2061, 3011, 3039, 3098, M75

**Lybbert, Travis**; University of California, Davis; 2021, 3023, 3099

**Lyford, Conrad**; Texas Tech University; 1001, 2045

**Lynch, Loretta**; University of Maryland; 2042, 2066

**Lynne, Gary**; University of Nebraska; 2073

### M

**Ma, Shan**; Michigan State University; 2009, 2047

**Ma, Xingliang**; University of Wisconsin; M34, T83

**Ma, Xudong**; University of Minnesota; 3043

**Maas, Stephen**; Texas Tech University; 3004

**Mabiso, Athur**; Michigan State University; 2046

**MacDonald, Stephen**; USDA-Economic Research Service; 3053

**Magnan, Nicholas**; University of California, Davis; 2066, 3023, 3099

**Magnier, Alexandre H.**; University of Missouri; 2053, 3070

**Mainville, Denise**; Virginia Tech; M124

**Malla, Stavroula**; University of Lethbridge; 3054

**Mallory, Mindy L.**; University of Illinois at Urbana-Champaign; 2038, 2065

**Managi, Shunsuke**; Tohoku University; 2040

**Mancino, Lisa**; USDA-Economic Research Service; 2041, M35

**Manfredo, Mark**; Arizona State University; 3043

**Maradiaga, David Isaias**; Louisiana State University; T128

**Marchant, Mary**; Virginia Tech; 1014

**Marette, Stephan**; Institut National de la Recherche Agronomique; 3066

**Mark, Tyler**; Louisiana State University; 2075, 3033

**Marotz, Craig**; Sensitech; 3085

**Marra, Adrienne**; University of Tennessee; M57

**Marra, Michele**; North Carolina State University; 2036, 3080

**Marre, Alexander W.**; USDA-Economic Research Service; 1002

**Marsh, Thomas**; Washington State University; 1007

**Marshall, Maria**; Purdue University; 2071, 3044, 3083, 3102

**Martens, Andrea**; University of Illinois at Urbana-Champaign; T107

**Martin, William**; World Bank; 2078, 3037

**Martinez, Lourdes**; Michigan State University; 2011

**Masakure, Oliver**; Wilfred Laurier University; 2028

**Maschkowski, Gesa**; University of Bonn; 3098

**Mason, Charles**; University of Wyoming; 3010

**Massey, Raymond**; University of Missouri; 2063

**Masters, William**; Purdue University; 2051, 2069

**Masuda, Tadayoshi**; University of Illinois at Urbana-Champaign; M36

**Mathews, Kenneth**; USDA-Economic Research Service; M2

**Mathews, Leah**; University of North Carolina at Asheville; 2066

**Matriz, Mary Joanne**; International Rice Research Institute; 3037, M110

**Mattos, Fabio**; University of Manitoba; M84

**Maung, Thein**; North Dakota State University; 2034, 3019

**Maupin, Jason**; Virginia Tech; 2064

**Maxwell, Denise**; University of Alberta; C1

**Maynard, Leigh**; University of Kentucky; 3035, M127

**McBride, William**; USDA-Economic Research Service; M2

**McCalla, Alex**; University of California, Davis; 2003, 2033, 3086

**McCann, Laura**; University of Missouri; 2004, 3042

**McCarl, Bruce**; Texas A&M University; 2018, 2068, 3013, 3087, M105, T102

**McCarthy, Nancy**; Food and Agriculture Organization of the United Nations; 3087

**McCluskey, Jill**; Washington State University; 2053, 2061, 2062

**McConnell, Kenneth**; University of Maryland; 3010

**McConnell, Michael**; USDA-Economic Research Service; 3046

**McCracken, Vicki**; Washington State University; 2023, 3083

**McCully, Mark**; Certified Angus Beef, LLC; 2012

**McDonald, Tia**; South Dakota State University; T98

**McKee, Gregory**; North Dakota State University; T23

**McKenney, Dan**; Natural Resources Canada; 3055

**McKenzie, Andrew M.**; University of Arkansas; 3053

**McLeod, Don**; University of Wyoming; 1010

**McMahon, Martha**; University of Victoria; 2084

**McNamara, Paul**; University of Illinois at Urbana-Champaign; 2069, 3034

**McPhail, Lihong**; Iowa State University; T42

**Meade, Birgit**; USDA-Economic Research Service; 2002

**Medicamento, Umberto**; University of Arizona; M129

**Megeressa, Dereje B.**; University of Nebraska; T76

**Meilke, Karl**; University of Guelph; 1005, 2082, 3025, 3046, T80

**Meldrum, James**; University of Colorado; 2049

**Menapace, Luisa**; Iowa State University; 2052, 2076, 3068

**Menkhaus, Dale**; University of Wyoming; 2007, T13

**Menon, Purnima**; International Food Policy Research Institute; 3018

**Mercier, Stephanie**; Senate Agriculture Committee; 2022

**Merel, Pierre**; University of California, Davis; 3020, 3067

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**Messer, Kent**; University of Delaware; 3081

**Mettepenningen, Evy**; Ghent University; 2004

**Meuwissen, Miranda PM**; Wageningen University; 1008

**Meyer, Seth**; University of Missouri; 2044

**Meyer, Stefan**; Georg-August-Universität Göttingen; M56

**Meyer-Aurich, Andreas**; Leibniz-Institute of Agricultural Development in Central and Eastern Europe; T127

**Meyerhoefer, Chad**; Lehigh University; 2001

**Meyers, William**; University of Missouri; 3032

**Mezzatesta, Mariano**; Texas A&M University; T51

**Miao, Ruiqing**; Iowa State University; T100

**Miao, Zhen**; Iowa State University; 2050

**Micheels, Eric**; University of Illinois at Urbana-Champaign; 3035

**Milberg, Hayden**; Senate Agriculture Committee; 2022, 3088

**Milkove, Daniel**; USDA-Economic Research Service; 3073

**Miller, David**; AgraGate Climate Credits Corporation; 2063

**Miller, Douglas J.**; University of Missouri; 2053, 3070

**Miller, Kathryn**; University of Connecticut; M33

**Mills, Bradford**; Virginia Tech; 2050, M122

**Mintert, James**; Purdue University; 2032

**Miranda, Mario**; The Ohio State University; 3093

**Miranowski, John**; Iowa State University; 3082

**Mishra, Ashok**; Louisiana State University; 1010, 2005, 2035, 3033, 3073, M13, M80

**Misra, Sukant**; Texas Tech University; 3036, T22

**Mitani, Yohei**; University of Colorado; 2039

**Mitchell, Diana**; USDA-Animal and Plant Health Inspection Service; 2025

**Mitchell, Paul**; University of Wisconsin; 3020, M104

**Mitchell, Peter**; Purdue University; M146

**Mittelhammer, Ron**; Washington State University; 1004, 2053

**Mitura, Verna M.**; Statistics Canada; 3025

**Mo, Lijia**; Kansas State University; T85

**Moeller, Thordis**; Humboldt University; 3022

**Moffitt, L. Joe**; University of Massachusetts Amherst; 3023

**Mohanty, Samarendu**; International Rice Research Institute; 3037, 3058, M110

**Mohr, Robert**; University of New Hampshire; 2019

**Molina, Imelda**; International Rice Research Institute; 3037, M110

**Monchuk, Daniel**; University of Southern Mississippi; 1002, 3041, 3091, T8

**Mondelli, Mario P.**; University of Missouri; M27

**Monge, Juan J.**; Texas A&M University; T18

**Moon, Jin-Young**; University of Minnesota; T60

**Moon, Wanki**; Southern Illinois University; 2007

**Mooney, Daniel**; University of Tennessee; T64

**Mooney, Sian**; Boise State University; T58

**Morehart, Mitch**; USDA-Economic Research Service; 3095, M1

**Morrison Paul, Catherine**; University of California - Davis; 3020

**Morse, George**; University of Minnesota; T140

**Morton, Andrew**; U.S. Commodity Futures Trading Commission; 3095

**Mosali, Jagadeesh**; Samuel Roberts Noble Foundation; 3080

**Moschini, GianCarlo**; Iowa State University; 2018, 2052, 2070, 3039, T71

**Moser, Christine**; Western Michigan University; 2021, 3050

**Moss, Charles**; University of Florida; 1010, 3033, 3073

**Motamed, Mesbah**; USDA-Economic Research Service; M93

**Moura, Paula**; University of Missouri; 1001

**Mrabet, Rachid**; National Institute of Agronomic Research, Morocco; 3099

**Msangi, Siwa**; International Food Policy Research Institute; T130

**Muamba, Francis**; The Ohio State University; 2078, M68

**Mueller, Simone C.**; University of South Australia; 2021, 2052, 3092

**Mueller, Valerie**; International Food Policy Research Institute; 3038, 3091

**Mugera, Amin**; University of Western Australia; T72

**Muhammad, Andrew**; USDA-Economic Research Service; 2025, 2046, 3103, T25

**Mulla, David**; University of Minnesota; T60

**Mullally, Conner C.**; University of California, Davis; 3050

**Mullen, Jeffrey D.**; University of Georgia; 2026, M60

**Muller, Nicholas**; Middlebury University; 2040

**Muringai, Violet**; University of Alberta; 2028

**Muske, Glenn**; Oklahoma State University; T135

**Mussell, Al**; George Morris Centre; 2026, 2083

**Muth, Mary**; RTI International; 2041, 2061

**Mutuc, Maria Erlinda**; Texas Tech University; M55

**Myae, Aye C.**; University of Alberta; C2

**Myers, Robert**; Michigan State University; 3072

**Mykerezi, Elton**; University of Minnesota; 2048

## N

**Nadolnyak, Denis**; Auburn University; 3048, 3093

**Nagarajan, Hari**; National Council of Applied Economic Research; 3091, M138

**Nagarajan, Latha**; Rutgers University; M155

**Nagler, Amy M.**; University of Wyoming; 2007

**Naik, Gopal**; India Institute of Management; 3053

**Najarzadeh, Reza**; University of Kentucky; M19

**Naschold, Felix**; Cornell University; 3018

**Naseem, Anwar**; McGill University; 2083

**Nauges, Céline**; Toulouse School of Economics; T91

**Nayga, Rodolfo M.**; University of Arkansas; 2014, 2037, M69, M119, M124, T55

**Nazli, Hina**; University of Guelph; 2056, 3025, T80

**Nedelea, I. Cristian**; Louisiana State University; 2019

**Neely, Carrie**; University of Georgia; M5

**Nehring, Richard**; USDA-Economic Research Service; 3080, T74, T92

**Nelson, Gerald**; International Food Policy Research Institute; 2010, 3087

**Newburn, David**; Texas A&M University; T51

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**Newcomb Sinha, Elisabeth;** University of Maryland; **T113**

**Newton, Doris;** USDA-Economic Research Service; **3009**

**Ng, Desmond;** Texas A&M University; **3100**

**Ng, Pin;** Northern Arizona University; **T108**

**Nganje, William;** Arizona State University; **3070, 3092, M120**

**Ngeleza, Guyslain K.;** International Food Policy Research Institute; **M103**

**Nicholson, Charles;** California Polytechnic State University, San Luis Obispo; **3072**

**Niemi, Jarkko K.;** Agrifood Research Finland; **T57**

**Nii-Naate, Zebedee;** Department for Environment, Food and Rural Affairs; **M51**

**Nimpagariste, Fabrice;** Government of Canada; **3024**

**Ninno, Carlo del;** World Bank; **M147**

**Nitsi, Elisavet I.;** Centre for Planning and Economic Research; **2038**

**Niu, Nathan;** Agriculture and Agri-Food Canada; **2058**

**Nivievskiy, Oleg;** Georg-August-Universität Göttingen; **T77**

**Nkana, Fiskani;** University of Florida; **M156**

**Noel, Jay;** California Polytechnic State University, San Luis Obispo; **3072**

**Nogueira, Lia;** University of Illinois at Urbana-Champaign; **1012, 2016**

**Nolan, Elizabeth;** University of Sydney; **3021**

**Nolan, James;** University of Saskatchewan; **2058, 3025**

**Norton, George;** Virginia Tech; **2064, 3046**

**Norton, Michael;** Columbia University; **3093**

**Novakovic, Andrew;** Cornell University; **3072**

**Nunez, Hector;** University of Illinois at Urbana-Champaign; **3081**

**Nurse, Gretchen;** Colorado State University; **2037, 2072**

**Nzaku, Kilungu;** University of Georgia; **2023**

### O

**O'Brien, Daniel M.;** Kansas State University; **2034**

**O'Donoghue, Erik;** USDA-Economic Research Service; **3057, M94**

**Och, Nathan;** North Dakota State University; **T23**

**Offutt, Susan;** U.S. Government Accountability Office; **2068**

**Oginsky, Anatoliy;** George Morris Centre; **2026**

**Okello, Julius J.;** University of Nairobi; **M134, M142**

**Okello, Ruth M.;** Michigan State University; **M142**

**Okrent, Abigail;** University of California, Davis; **2050, M52**

**Olale, Edward;** University of Guelph; **2056**

**Olanie, Aaron;** Washington State University; **3079**

**Ollinger, Michael;** USDA-Economic Research Service; **M117**

**Olson, Frayne;** North Dakota State University; **3030, 3075, M14**

**Olson, Lars;** University of Maryland; **2064**

**Olsson, Aaryn;** University of Arizona; **3077**

**Olynk, Nicole J.;** Purdue University; **M10**

**Omidvar, Vahid;** University of Nebraska; **T79**

**Onal, Hayri;** University of Illinois at Urbana-Champaign; **2018, 2039, 2044, 3016, T52**

**Onel, Gulcan;** North Carolina State University; **T34**

**Onozuka, Yuko;** University of Stavanger; **2072**

**Onyango, Benjamin;** Missouri State University; **3035**

**Orden, David;** International Food Policy Research Institute; **1012, 2013, 3025, 3056, 3061, T80**

**Ortega, Daniel V.;** The Ohio State University; **2004**

**Osgood, Daniel;** Columbia University; **3093**

**Otoo, Miriam;** Purdue University; **M130, T35**

**Otsuka, Keiji;** National Graduate Institute for Policy Studies; **2010**

**Ott, Stephen;** USDA-Animal and Plant Health Inspection Service; **2025**

**Outlaw, Joe;** Texas A&M University; **1005, 2063, 3037, 3088**

### P

**Pace, Kathryn;** University of Illinois at Urbana-Champaign; **1012**

**Paggi, Mechel;** California State University, Fresno; **1005, 2016**

**Pagoulatos, Angelos;** University of Kentucky; **3051**

**Paltsev, Sergey;** Massachusetts Institute of Technology; **T106**

**Pan, Suwen;** Texas Tech University; **M55, M95**

**Pandey, Vivek;** Michigan State University; **2081**

**Pannell, David;** University of Western Australia; **3017, T127**

**Parcell, Joseph;** University of Missouri; **2012**

**Park, Seong;** Texas AgriLife Research; **T44**

**Park, Timothy;** USDA-Economic Research Service; **M15, M116**

**Park, William;** University of Tennessee; **3060**

**Parks, Alfred;** Prairie View A&M University; **3009**

**Parks, Joanna;** University of California, Davis; **2076**

**Parmeter, Christopher;** Virginia Tech; **2050, M122**

**Parra, Tatiana;** Universidad Javeriana; **T28**

**Partanen, Kirsi;** Agrifood Research Finland; **T57**

**Partridge, Mark;** The Ohio State University; **1002, 3041**

**Patlolla, Sandhyarani;** University of California, Davis; **3019**

**Patrick, George;** Purdue University; **2054**

**Paudel, Krishna;** Louisiana State University; **2074**

**Paulson, Nicholas;** University of Illinois at Urbana-Champaign; **2054, 3076**

**Paxton, Kenneth;** Louisiana State University; **3080**

**Peckham, Janet;** Clemson University; **3065**

**Pede, Valerien;** International Rice Research Institute; **M110**

**Pelton, Marie;** University of Kentucky; **3035**

**Pemberton, Carlisle;** University of the West Indies; **2046**

**Pena, Anita Alves;** Colorado State University; **2035**

**Pender, John L.;** USDA-Economic Research Service; **1002, 2019**

**Pepper, John;** University of Virginia; **2001**

**Perrin, Richard;** University of Nebraska; **2024, 3033**

**Perry, Gregory;** Oregon State University; **1007**

**Perry, Janet;** USDA-Economic Research Service; **2043, 3095**

**Peterson, Christopher;** Michigan State University; **2081, 3003, 3043, 3089, 3100, M88**

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## PROGRAM PARTICIPANTS

**Peterson, Hikaru Hanawa**; Kansas State University; **2072, M31**

**Peterson, Jeffrey M.**; Kansas State University; **3017, 3049**

**Patrick, Martin**; Leibniz-Institute of Agricultural Development in Central and Eastern Europe; **M92**

**Pfeiffer, Lisa**; NOAA Fisheries; **2077, 3049**

**Phaneuf, Daniel**; North Carolina State University; **2041**

**Phimister, Euan**; University of Aberdeen; **T8**

**Pietola, Kyosti**; Agrifood Research Finland; **T57**

**Piggott, Nicholas**; North Carolina State University; **2041**

**Pilgrim, Robert**; University of Arkansas; **T47**

**Pirotte, Alain**; Université Panthéon-Assas Paris II; **M39**

**Plain, Ronald**; University of Missouri; **1006, 3075, 3101**

**Poe, Gregory**; Cornell University; **2008, 2036**

**Poerwanto, Devie**; University of Kentucky; **3035**

**Pofahl, Geoffrey**; Arizona State University; **2007, 2053, 3002**

**Poon, Kenneth**; University of Guelph; **2056, 2083**

**Popp, Jennie**; University of Arkansas; **M61, T47, T50**

**Popp, Michael**; University of Arkansas; **3048**

**Poppe, Krijn**; Wageningen University; **3057**

**Porto, Juan Manuel**; Universidad de la República; **M46**

**Pouliot, Sebastien**; Iowa State University; **2079, 3027, 3066**

**Power, Gabriel**; Texas A&M University; **1011, 3047, T121, T129**

**Prestemon, Jeffrey**; U.S. Forest Service; **T34**

**Pritchett, James**; Colorado State University; **M108, T59**

**Privette, Charles V.**; Clemson University; **3049**

**Pruitt, Ross**; Louisiana State University; **3101**

**Pujula, Aude Liliana**; Louisiana State University; **T128**

**Pulasinghage, Chatura**; University of Guelph; **2057**

**Pushkarskaya, Helen**; University of Kentucky; **3102**

**Pylypchuk, Yuriy**; Lehigh University; **2001**

### Q

**Qaim, Matin**; Georg-August-Universität Göttingen; **2021**

**Qiao, Guanghua**; Inner Mongolia Agricultural University; **C3**

**Qiu, Cheng**; University of Georgia; **M7**

**Qiu, Feng**; North Carolina State University; **3065, M91**

**Quagraine, Kwamena K.**; Purdue University; **M37**

**Quaicoe, Obed**; North Carolina A&T State University; **T33**

**Quan, Shiwen**; Renmin University of China; **M126**

**Quisumbing, Agnes R.**; International Food Policy Research Institute; **3018**

### R

**Rada, Nicholas**; USDA-Economic Research Service; **2074**

**Radwan, Amr**; Centre de Recerca en Economia i Desenvolupament Agroalimentari; **2080**

**Rafajlovic, Juanita**; Agriculture and Agri-Food Canada; **2085**

**Rahman, Shaikh M.**; Texas Tech University; **3019**

**Rahman, Tauhidur**; University of Arizona; **M129**

**Rainwater, Ken**; Texas Tech University; **3017**

**Rajan, Nithya**; Texas Tech University; **3044**

**Rajsic, Predrag**; University of Guelph; **3056**

**Ralston, Katherine**; USDA-Economic Research Service; **M117**

**Ramirez, Octavio**; University of Georgia; **T88**

**Ramirez-Ramirez, Isabel**; University of Illinois at Urbana-Champaign; **2039**

**Ran, Tao**; Louisiana State University; **T39**

**Randall, Alan**; The Ohio State University; **1004, 3039**

**Randall, Stephen M.**; North Carolina A&T State University; **T45**

**Raney, Terri**; Food and Agriculture Organization of the United Nations; **2070**

**Rankin, Amber**; Purdue University; **M24**

**Rao, Elizaphan J. O.**; Georg-August-Universität Göttingen; **2021**

**Raper, Kellie Curry**; Oklahoma State University; **2017**

**Rashford, Benjamin**; University of Wyoming; **M6**

**Ratnasena, Shashini**; University of Guelph; **2082**

**Raun, William R.**; Oklahoma State University; **3080**

**Reardon, Thomas**; Michigan State University; **2051, 3031**

**Reece, Chris**; University of Pennsylvania; **3089**

**Reed, Michael**; University of Kentucky; **M19, T68**

**Reeder, Richard**; USDA-Economic Research Service; **1002, 2019**

**Reeling, Carson Jon**; Purdue University; **M146**

**Regmi, Anita**; USDA-Economic Research Service; **2002**

**Reilly, John M.**; Massachusetts Institute of Technology; **T106**

**Reimer, Jeffrey J.**; Oregon State University; **M151, T31**

**Reis, Eustaquio**; Institute for Applied Economics Research; **3032**

**Rejesus, Roderick**; North Carolina State University; **3080, M104**

**Remble, Amber**; Purdue University; **T136**

**Renkow, Mitchell**; North Carolina State University; **3071**

**Requillart, Vincent**; Toulouse School of Economics; **T91**

**Reuter, Ryan**; Samuel Roberts Noble Foundation; **T61**

**Rex, Art**; Appalachian State University; **2066**

**Reynolds-Allie, Kenesha**; Auburn University; **M22**

**Rezagholizadeh, Mahdieh**; University of Kentucky; **M19**

**Rhodes, Charles R.**; University of Connecticut; **M90**

**Ribaudo, Marc**; USDA-Economic Research Service; **3049, T103**

**Richards, Timothy**; Arizona State University; **2007, 2064, 2084, 3002**

**Richardson, James**; Texas A&M University; **3037**

**Richardson, Leslie A.**; Colorado State University; **2008**

**Rickard, Bradley**; Cornell University; **2016, 2084, 3024, M89**

**Ricker-Gilbert, Jacob**; Michigan State University; **M149**

**Rigby, Dan**; University of Manchester; **2080, 3015**

**Riley, John**; Mississippi State University; **2017, 3101**

**Rimal, Arbindra**; Missouri State University; **3035**

**Ritten, John**; University of Wyoming; **M6**

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- Rizov, Marian**; Middlesex University; 3007
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- Roberts, Donna**; USDA-Economic Research Service; 1012
- Roberts, Matthew**; The Ohio State University; 2063
- Roberts, Michael**; North Carolina State University; 3064, 3065
- Roberts, Roland**; University of Tennessee; 3080
- Robertson, Susan**; University of Alberta; 3055
- Robinson, Elizabeth J. Z.**; International Food Policy Research Institute; M103
- Robison, Lindon**; Michigan State University; 2073
- Rodriguez, Hector German**; University of Arkansas; T50
- Roe, Brian E.**; The Ohio State University; 2007, 3066, M74
- Roe, Terry**; University of Minnesota; 3061, 3095
- Roeger, Edward**; USDA-Economic Research Service; 3063
- Roesch, Kraig**; Packers and Stockyards Programs; T13
- Rogers, James K.**; Samuel Roberts Noble Foundation; T61
- Rojas, Christian**; University of Massachusetts Amherst; 3067
- Roland-Holst, David**; University of California, Berkeley; 3099
- Rollins, Kimberly**; University of Nevada at Reno; 2049, 3023, 3079
- Rondeau, Daniel**; University of Victoria; 2027
- Roper, Candace**; CoBank; 3045
- Rosas, Juan Francisco**; Iowa State University; 2047
- Rosburg, Alicia**; Iowa State University; 3082
- Rosch, Stephanie**; Purdue University; M73
- Rose, Steven**; Electric Power Research Institute; 3048, 3079
- Ross, Kara**; Kansas State University; 2045
- Ross, R.**; Michigan State University; 1001, 2045, 2081, 3089
- Rosson, C. Parr**; Texas A&M University; M141
- Roucan-Kane, Maud**; Purdue University; 3003, M23
- Rousu, Matthew**; Susquehanna University; 2014, 2052
- Roy, Kayla**; Illinois State University; T119, T124
- Roy, René**; McGill University; 2027
- Roy-Vigneault, Frederic**; Université Laval; 2027
- Rozelle, Scott**; Stanford University; 3014, 3079
- Rude, James**; University of Alberta; 2085, 3067, M155
- Rudstrom, Margaretha**; University of Minnesota; 3030
- Rush, Jeff**; University of Minnesota; 3043
- Ryu, Jeong-Gon**; University of Rhode Island; 2067
- S**
- Saak, Alexander**; International Food Policy Research Institute; 2052, 3006
- Saenz, Mariana**; University of Nebraska; M148
- Saghaian, Sayed**; University of Kentucky; M19, T68
- Saha, Bishnu P.**; Statistics Canada; 3025
- Salassi, Michael**; Louisiana State University; 2075
- Salau, Sheu**; International Food Policy Research Institute; 3038, M155
- Salazar, Gabriela**; Cornell University; 3050
- Salin, Victoria**; Texas A&M University; 1003
- Salois, Matthew**; University of Reading; 3008, 3051
- Sam, Abdoul**; The Ohio State University; 3089
- Sanchirico, James**; University of California, Davis; T48
- Sand, Shannon**; Oklahoma State University; 2031
- Sands, Ronald**; USDA-Economic Research Service; T92
- Santos, Florence Ivy M.**; University of Georgia; T3
- Santos, Julie I.**; University of Rhode Island; 3051
- Santos, Paulo**; University of Sydney; 2021, 2051, 3021
- Sardana, Kavita**; University of Georgia; 3104
- Sarker, Rakhal**; University of Guelph; 2029, 2082, 3025, T80
- Sasaki, Hiroki**; Organisation for Economic Co-operation and Development; M70
- Satimanon, Monthien**; Michigan State University; 2008
- Sauer, Johannes**; University of Manchester; 2074, 3020, 3051, 3081, M51, T74
- Schaible, Glenn**; USDA-Economic Research Service; T66
- Schaufele, Brandon**; University of Western Ontario; 2029, 2055, 2082, 3074
- Scheierling, Susanne**; World Bank; T40
- Scheld, Andrew M.**; University of Rhode Island; T101
- Schieffer, John**; University of Kentucky; 3102
- Schlenker, Wolfram**; Columbia University; 2078
- Schmidt, Claudia**; George Morris Centre; 2083, 3054
- Schmit, Todd**; Cornell University; T96
- Schmitz, Andrew**; University of Florida; 2033
- Schnitkey, Gary**; University of Illinois at Urbana-Champaign; 2054
- Schoengold, Karina**; University of Nebraska; T54
- Schoney, Richard**; University of Saskatchewan; 3025
- Schroeder, Ted**; Kansas State University; 2012, 3005
- Schroeter, Christiane**; California Polytechnic State University, San Luis Obispo; 2043, M89
- Schukken, Ynte**; Cornell University; M3
- Schultz, Eric**; Clark University; 2009
- Schulz, Lee**; Kansas State University; 3005, 3058
- Schurle, Bryan**; Kansas State University; 3083
- Schweikhardt, David**; Michigan State University; 2052, 3042
- Seale, James**; University of Florida; 2062
- Secchi, Silvia**; Southern Illinois University; T45
- Segerson, Kathleen**; University of Connecticut; 2009, 3010, 3044
- Selod, Harris**; World Bank; 3091
- Seltzer, Jon**; University of St. Thomas; 3043
- Serra, Teresa**; Centre de Recerca en Economia i Desenvolupament Agroalimentari; 2080
- Serrao, Amilcar**; Evora University; T114
- Sesmero, Juan P.**; University of Nebraska; 2024, 3033, T41
- Sevón-Aimonen, Marja-Liisa**; Agrifood Research Finland; T57
- Sexton, Richard**; University of California, Davis; T17
- Shaffer, Sherrill**; University of Wyoming; T13
- Shaik, Saleem**; North Dakota State University; 1010, 3046, T33
- Shakeri, Mohammad**; University of Saskatchewan; 3055

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**Shames, Lisa**; U.S. Government Accountability Office; **1003**

**Shane, Mathew**; USDA-Economic Research Service; **3095**

**Shanoyan, Aleksan**; Michigan State University; **2081, 3089**

**Sharma, Dhiraj**; The Ohio State University; **M136**

**Sharp, Julia**; Clemson University; **3065, M40**

**Sheldon, Ian**; The Ohio State University; **1013, 2033, 2070, 3013, 3039, 3061, T11**

**Sherrick, Bruce**; University of Illinois at Urbana-Champaign; **2054**

**Sherwell, Pablo**; SAGARPA; **1005**

**Shewmake, Sharon**; University of California, Davis; **3022**

**Shi, Guanming**; University of Wisconsin; **3002, M34, T83**

**Shideler, David**; Oklahoma State University; **1002, T135**

**Shogren, Jason**; University of Wyoming; **1013, 3010, 3077**

**Shonkwiler, J. Scott**; University of Nevada at Reno; **T27**

**Shortle, James**; Pennsylvania State University; **3010, 3094**

**Shrestha, Prabhakar**; University of Nebraska; **T54**

**Shultz, Steven**; University of Nebraska at Omaha; **1010**

**Siegel, Peter**; RTI International; **2041**

**Signorini, Guilherme**; Michigan State University; **2081**

**Siles, Marcelo**; Northern Michigan University; **2073**

**Silva, Andres**; University of Kent; **M115**

**Simioni, Michel**; Toulouse School of Economics; **2053, T91**

**Simon, Leo**; University of California, Berkeley; **3020**

**Simons, Johannes**; University of Bonn; **3098**

**Singerman, Ariel**; Iowa State University; **2020, M44**

**Singla, Rohit**; Texas Tech University; **3036, T22**

**Skees, Jerry**; University of Kentucky; **1008**

**Skinner, Stewart R.**; University of Guelph; **2026**

**Smart, Francis C.**; Michigan State University; **3036**

**Smart, Robin L.**; University of Guelph; **2028**

**Smith, Aaron**; University of California, Davis; **2076, 3048, 3103**

**Smith, Craig M.**; Kansas State University; **2020, 3017, 3049**

**Smith, Edward**; Texas AgriLife Extension Service; **2032**

**Smith, Elizabeth C.**; University of Rhode Island; **2036**

**Smith, Elwin G.**; Agriculture and Agri-Food Canada; **2083, 3024**

**Smith, Kitty**; USDA-Economic Research Service; **2072, 3087**

**Smith, Rebecca**; Cornell University; **M3**

**Smith, Travis A.**; USDA-Economic Research Service; **2062, 3008**

**Smith, V. Kerry**; Arizona State University; **2036**

**Smith, Vincent**; Montana State University; **3032**

**Sneeringer, Stacy**; USDA-Economic Research Service; **2048, 3049**

**Snell, Margaret**; University of Maine; **2081**

**Sohngen, Brent L.**; The Ohio State University; **2066, 3048, 3079, 3082**

**Solie, John B.**; Oklahoma State University; **3080**

**Solis, Daniel**; Rosenstiel School of Marine and Atmospheric Science; **3020**

**Song, Feng**; Michigan State University; **3064, 3104**

**Sonka, Steven**; University of Illinois at Urbana-Champaign; **2015**

**Soundararajan, Vidhya**; Independent Consultant; **3018**

**Southgate, Douglas**; The Ohio State University; **2066**

**Souza Monteiro, Diogo M.**; University of Kent; **3023**

**Sparger, John Adam**; Virginia Tech; **T75**

**Sparling, David**; University of Western Ontario; **1001, 2029, 2055, 3074**

**Sparrow, F.T.**; Purdue University; **T15**

**Spaulding, Aslihan**; Illinois State University; **M76, T119, T124**

**Sporleder, Thomas**; The Ohio State University; **3003, 3043, 3074**

**Springer, Job D.**; Samuel Roberts Noble Foundation; **T61**

**Sproul, Thomas**; University of California, Berkeley; **2054**

**Stanton, Bernard**; Cornell University; **3086**

**Starbuck, C. Megan**; New Mexico State University; **2038**

**Stefanou, Spiro**; Pennsylvania State University; **1013**

**Stegelin, F.E.**; University of Georgia; **M20**

**Sterns, James**; University of Florida; **2060, 3001, 3042**

**Stewart, Hayden**; USDA-Economic Research Service; **M99**

**Stiegert, Kyle**; University of Wisconsin; **3002, T12, T19**

**Stillman, Richard**; USDA-Economic Research Service; **3069**

**Stockton, Matthew**; University of Nebraska; **2032**

**Stoecker, Arthur**; Oklahoma State University; **T44**

**Stovall, Jeff**; Espey Consultants, Inc.; **3017**

**Stressman, Scott**; Apollo Group; **3043**

**Stringer, Randy**; University of Adelaide; **2021**

**Strong, Aaron**; University of Wyoming; **2036**

**Styles, Erika K.**; Fort Valley State University; **3062**

**Suh, Dong-Kyun**; Rural Development Administration; **3053**

**Sullivan, Karen A.**; University of Rhode Island; **3079, M158**

**Sumner, Daniel**; University of California, Davis; **2043**

**Surendran Nair, Sujithkumar**; The Ohio State University; **2066**

**Susanto, Dwi**; Texas A&M University; **M141**

**Suter, Jordan**; Oberlin College; **3078**

**Swallow, Stephen**; University of Rhode Island; **2036, 3051**

**Swinton, Scott**; Michigan State University; **2009, 2047, 3040, 3064, M107**

**Sydorovich, Olha**; North Carolina State University; **2036**

**Sykuta, Michael**; University of Missouri; **1001, 2081, 3100, M82**

**Szidarovszky, Ferenc**; University of Arizona; **3077**

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**Tack, Jesse**; Mississippi State University; **2059**

**Taheripour, Farzad**; Purdue University; **T109**

**Takeshima, Hiroyuki**; International Food Policy Research Institute; **M155**

**Tanaka, Katsuya**; Shiga University; **T94**

**Tang, Sai**; Harbin Institute of Technology; **3050**

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**Tangermann, Stefan**; Georg-August-Universität Göttingen; **2033**

**Tauer, Loren**; Cornell University; **M3**

**Taylor, J.**; University of California, Davis; **2030**

**Taylor, Karen**; Farm Credit Canada; **3084**

**Taylor, Mykel**; Washington State University; **2023, 2041**

**Teague, Mark**; Toyota Financial Services; **3059**

**Teisl, Mariano**; University of Maine; **3066**

**Tejeda, Hernan A.**; North Carolina State University; **3047**

**Tepe, Fatma Sine**; University of Houston; **2075**

**Thevenaz, Shad**; Texas A&M University; **M141**

**Thilmany McFadden, Dawn**; Colorado State University; **2011, 2037, 2072, 3071, 3092**

**Thoma, Greg**; University of Arkansas; **T47**

**Thomas, Danielle**; University of Florida; **M77**

**Thomassin, Paul J.**; McGill University; **2027, 2084**

**Thome, Karen E.**; University of California, Davis; **3067**

**Thompson, Gary**; University of Arizona; **M129**

**Thompson, Robert**; University of Illinois at Urbana-Champaign; **2068**

**Thompson, Sarahelen**; USDA-Economic Research Service; **3044**

**Thompson, Troy**; Chevron Services Company; **3028**

**Thompson, Wayne**; Saskatchewan Canola Growers Association; **2056**

**Thompson, Wyatt**; University of Missouri; **1009, 2044, 3005, 3069**

**Thornsbury, Suzanne**; Michigan State University; **2011**

**Thorp, Lauri**; Michigan State University; **3048**

**Tiffin, Richard**; University of Reading; **3008**

**Timko, Troy**; University of Florida; **2035**

**Timmer, Peter**; Harvard University; **3031**

**Todd, Jessica E.**; USDA-Economic Research Service; **2041, M35, T4, T9**

**Tokgoz, Simla**; International Food Policy Research Institute; **T67, T70**

**Tokovenko, Oleksiy**; University of Georgia; **3023**

**Tonsor, Glynn**; Kansas State University; **2017, 2080, 3101, M10, M88**

**Toor, Imran**; McGill University; **2083**

**Toth, Russell**; Cornell University; **2051**

**Towe, Charles**; University of Maryland; **2038**

**Tran, Chinh**; University of Kentucky; **3035**

**Trindade, Federico J.**; University of Nebraska; **T82**

**Tronstad, Russell**; University of Arizona; **2020, 2064**

**Tuan, Francis**; USDA-Economic Research Service; **1014**

**Tuck, Brigid A.**; University of Minnesota; **3071**

**Tumusiime, Emmanuel**; Oklahoma State University; **3080**

**Tunncliffe, Robin**; University of Victoria; **2084**

**Turvey, Calum**; Cornell University; **2026, 3024, 3050, 3093, T129, T132**

**Tyler, Donald D.**; University of Tennessee; **T64**

**Tyner, Wallace**; Purdue University; **2044, M73, T109**

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**Uchida, Emi**; University of Rhode Island; **2067, 3014, 3051, 3079, M158**

**Uchida, Hirotsugu**; University of Rhode Island; **2067, T101**

**Uchida, Shinsuke**; University of Maryland; **3079**

**Ueda, Kohei**; USDA-Economic Research Service; **T111, T118**

**Uematsu, Hiroki**; Louisiana State University; **2005, 2035**

**Ulimwengu, John**; International Food Policy Research Institute; **T89**

**Ulrich, Rick**; University of Arkansas; **T47**

**Umberger, Wendy J.**; University of Adelaide; **2021, 2052, 3092**

**Unnevehr, Laurian**; USDA-Economic Research Service; **2061**

**Upadhyay, Bharat M.**; Agriculture Financial Services Corporation; **3024**

**Urso, Fabiana S. P.**; BM&FBOVESPA, Securities, Commodities and Futures Exchange; **M84**

**Useche, Maria**; University of Florida; **3021**

**Usui, Takehiro**; Soka University; **2040**

**Uz, Dilek**; University of Nevada at Reno; **2049**

**Uzea, Florentina N.**; University of Saskatchewan; **2056**

## V

**Vado, Ligia**; North Carolina State University; **3021**

**Valdivia, Corinne**; University of Missouri; **M133, T138**

**Valenzuela, Ernesto**; University of Adelaide; **3089**

**Valera, Harold Glenn**; International Rice Research Institute; **3037, M110**

**Van Huylenbroeck, Guido**; Ghent University; **2004, 3053**

**Van Kooten, G. Cornelis**; University of Victoria; **2083, 2084, 3081**

**Vararuth Khantachavana, Sivalai**; Cornell University; **M29**

**Vedenov, Dmitry**; Texas A&M University; **1011, 2005, 3047**

**Veeman, Michele**; University of Alberta; **2028**

**Vercammen, James**; University of British Columbia; **2029**

**Verdone, Michael**; Colorado State University; **T53**

**Verma, Monika**; Purdue University; **3089**

**Verreault, Patrick**; Agriculture and Agri-Food Canada; **3054**

**Verteramo, Leslie J.**; Cornell University; **T132**

**Vidovic, Martina**; Rollins College; **3068**

**Viju, Crina**; Carleton University; **2085**

**Virani, Tasneem**; University of Guelph; **2057, 3025**

**Viteri, Daniela**; Purdue University; **2044**

**Vogel, Steve**; USDA-Economic Research Service; **3071**

**Vollaro, Michele**; University of Kentucky; **3035**

**Vollrath, Thomas**; USDA-Economic Research Service; **2002**

**Volpe, Richard**; University of California, Davis; **3006**

**von Cramon-Taubadel, Stephan**; Georg-August-Universität Göttingen; **3063, T77**

**Vossler, Christian**; University of Tennessee; **2027, 3078**

**Vukina, Tomislav**; North Carolina State University; **1013**

**Vyn, Richard**; University of Guelph; **3025**

## W

**Wagester, Tamara**; C-FARE; **3094**

**Wahl, Thomas**; North Dakota State University; **1014, 2062**

**Wailes, Eric J.**; University of Arkansas; **3053**

**Waller, Mark**; Texas A&M University; **2032**

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- Walters, Cory**; University of Kentucky; 2020
- Wamisho Hossiso, Kassu**; University of Nebraska; M113
- Wandschneider, Philip**; Washington State University; 2020, 2073, 3081
- Wang, Chao-Shih**; Arizona State University; 2006
- Wang, Chenggang**; Texas Tech University; M95
- Wang, Hainan**; Washington State University; 3053
- Wang, Hong**; Purdue University; 1014, 2054
- Wang, Min**; Iowa State University; 2067
- Wang, Shinn-Shyr**; University of Massachusetts Amherst; 3067
- Wang, Tong**; Iowa State University; M98
- Wang, Xin**; University of Kentucky; M127
- Wansink, Brian**; Cornell University; 2080
- Wantwadi, Peggy**; Texas A&M University; 1003
- Ward, Clement**; Oklahoma State University; 2017
- Ward, David**; University of Tennessee; 3005
- Ward, Marissa**; University of Sydney; 2021
- Ward, Patrick**; Purdue University; 2078
- Warziniack, Travis W.**; University of Heidelberg; 3077, T133
- Watson, Phil**; University of Idaho; 3071
- Watts, Tim**; Watts & Associates, Inc; 3085
- Weatherspoon, Dave**; Michigan State University; 2071
- Wechsler, Seth**; USDA-Economic Research Service; T92
- Weeks, Heather A.**; Virginia Tech; 3046
- Weersink, Alfons**; University of Guelph; 2026, 2056, 3055
- Wei, Longbao**; Zhejiang University; T134
- Weinheimer, Justin**; Texas Tech University; 3004
- Wendt, Minh**; USDA-Economic Research Service; T4, T9
- West, Gale E.**; Université Laval; 2028, 3054
- Westervelt, James D.**; ERDC-Construction Engineering Research Laboratory; T52
- Westhoff, Patrick**; University of Missouri; 2044, 3032, 3088
- Wetzstein, Michael**; University of Georgia; 2026, 2031, M7, T104
- Whalen, Joann**; McGill University; 2083
- Wheeler-Cook, Erin**; Texas Tech University; 3017
- Whitacre, Brian**; Oklahoma State University; T135
- Whitacre, Rick**; Illinois State University; M76
- White, Ben**; The University of Western Australia; 3017
- White, Kate**; Kansas State University; 3005
- White, T. Kirk**; USDA-Economic Research Service; 3073
- Wilen, James**; University of California, Davis; 3010, 3077
- Williams, Ryan Blake**; Texas Tech University; T46
- Williamson, Handy**; University of Missouri; 3009
- Williamson, James**; USDA-Economic Research Service; T99
- Willis, David B.**; Clemson University; 2036, 3017, 3049
- Willson, Tina**; University of Wyoming; 2077
- Wilson, Christine**; Kansas State University; M1
- Wilson, Norbert**; Auburn University; 2079, 3046
- Wilson, Paul**; University of Arizona; 3001, M129
- Winter-Nelson, Alex**; University of Illinois at Urbana-Champaign; 2069
- Withey, Patrick**; University of Victoria; 2083
- Witter, Jonathan D.**; The Ohio State University; 2066
- Wohlgenant, Michael**; North Carolina State University; 2041, 3062, M53
- Wolf, Christopher A.**; Michigan State University; 2025, M10
- Wolfe, Michelle**; Apollo Group; 3043
- Wolff, Hendrik**; University of Washington; 3099
- Wong, Linda**; University of Victoria; 2083
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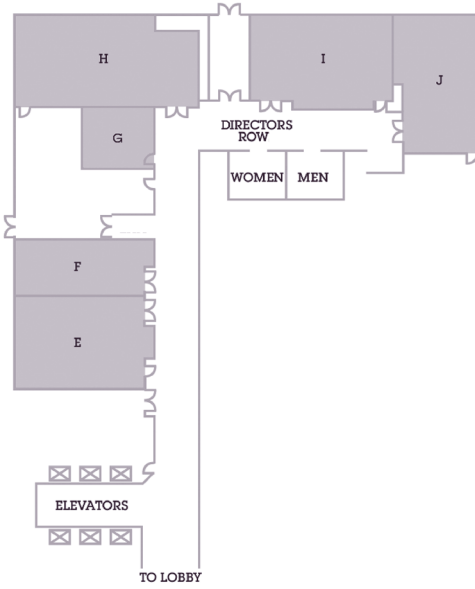
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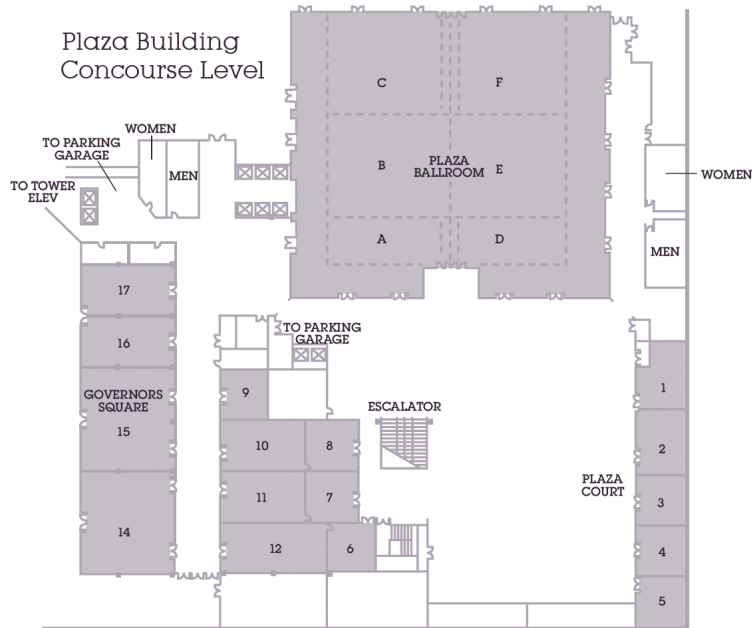
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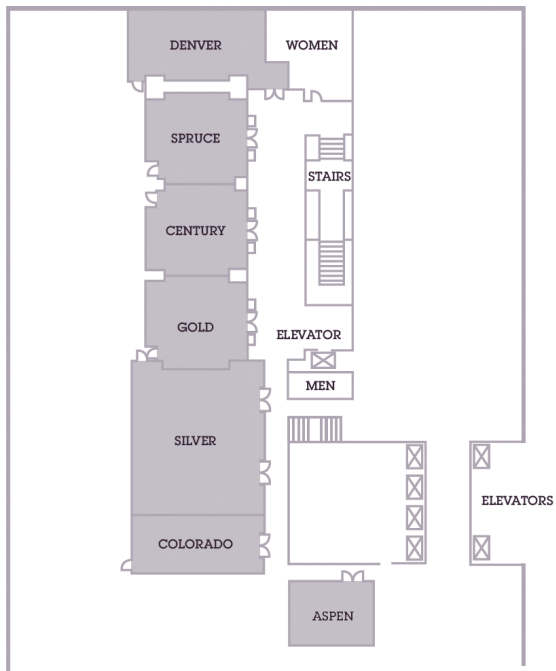
Plaza Building Lobby Level



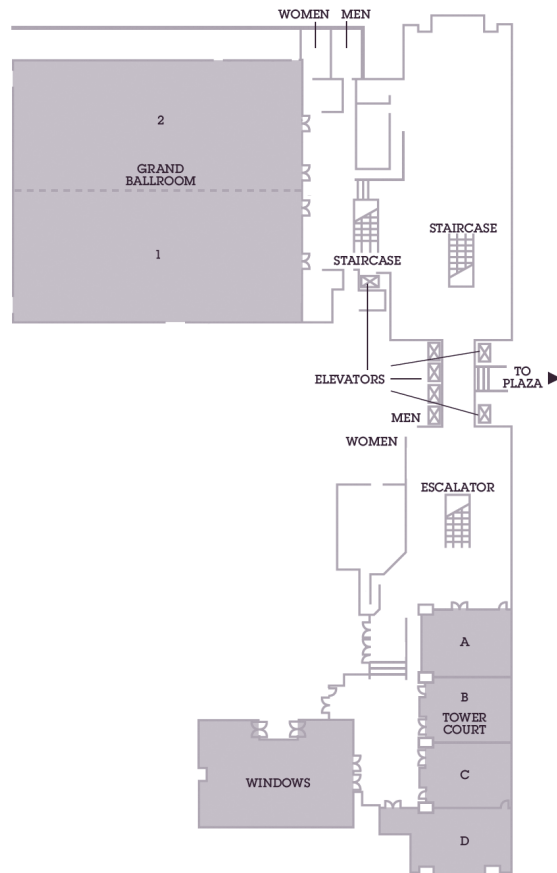
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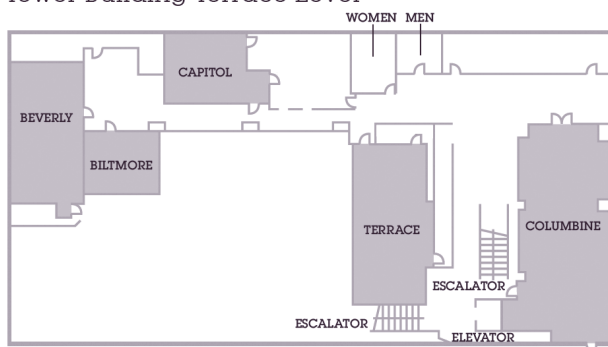
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Tower Building Second Level



Tower Building Terrace Level



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

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