

**2024 WESTERN AGRICULTURAL
ECONOMICS ASSOCIATION
SAN FRANCISCO, CALIFORNIA
June 23-25, 2024**

June 23, 12:00 p.m. – 6:00 p.m.	SUNDAY REGISTRATION Union Square Reception
June 23, 1:30 p.m. – 3:00 p.m.	WESTERN EXTENSION COMMITTEE BUSINESS MEETING Savoy
June 23, 3:30 p.m. – 5:00 p.m.	WAEA COUNCIL MEETING Sutter III
June 23, 6:00 p.m. – 8:00 p.m.	SUNDAY EVENING RECEPTION Savoy
June 24, 7:30 a.m. – 8:30 a.m.	BREAKFAST Union Square Ballroom
June 24, 8:00 a.m. – 10:30 a.m.	REGISTRATION Union Square Ballroom
June 24, 12:00 p.m. – 1:15 p.m.	Keynote Speaker: Dr. Wolfram Schlenker LUNCH Union Square Ballroom
June 25, 7:30 a.m. – 8:30 a.m.	BREAKFAST Union Square Ballroom
June 25, 10:30 a.m. – 12:00 p.m.	WAEA Business Meeting & Presidential Address: Dr. Dustin Pendell Savoy
June 25, 12:00 p.m. – 1:15 p.m.	LUNCH WAEA Awards Ceremony Union Square Ballroom

June 24, 8:45 a.m. – 10:15 a.m.

MONDAY MORNING

June 24, 8:45 a.m. – 10:15 a.m.

Consumer Demand and Price Analysis

RUSSIAN HILL

Moderator: Rafael Bakhtavoryan

Effects of Urbanization on Food Demand Structure in China

Vardges Hovhannisyan (University of Wyoming), Armen Khachatryan (University of Wyoming)*, Serhat Asci (Fresno State University)

Importance of Pre-Commitments and Habit Formation in Sweetener Consumption

Vardges Hovhannisyan (University of Wyoming) *, Stephen Devadoss (Texas Tech University)

An Empirical Analysis of Residential Energy Demand in the United States

Rafael Bakhtavoryan (Texas A&M- Commerce)*, Vardges Hovhannisyan (University of Wyoming), Shavarsh Sahakyan (University of Wyoming)

Marketing margins and price transmission in cannabis products

Olena Sambucci (UC Davis)*, Daniel Sumner (UC Davis), Sangwon Lee (UC Davis), Robin Goldstein (UC Davis)

June 24, 8:45 a.m. – 10:15 a.m.

Environmental and Resource Economics

SUTTER I

Moderator: Bruce Ahrendsen

Analysis of the Impact of Plastic Bag Regulations on Cross-State Shopping Dynamics

Sanket Parajuli (University of Idaho), Hernan Tejada (University of Idaho)*, Alex Maas (University of Idaho), Man-Keun Kim (Utah State University)

Northwestern USACE Dam Responsiveness to Extreme Events: An Economic Analysis

William Ottenheimer (WSU)*

The influence of extreme drought on the value of agricultural land

Kent Kovacs (University of Arkansas), Bruce Ahrendsen (University of Arkansas Division of Agriculture)*

Fewer Hunters, Fewer Pigs

Jonathan Andrew Tillinghast (Texas A&M)*, James Mjelde (Texas A&M)

June 24, 8:45 a.m. – 10:15 a.m.

Food and Agricultural Policy

SUTTER II

Moderator: Jarrett Hart

What are the Economic Benefits of Effective Reference Prices?

Alexis Ghormley (Texas A&M University)*, Henry Nelson (Texas A&M University), Joe Outlaw (Texas A&M University), Bart Fischer (Texas A&M University), George Knapik (Texas A&M University)

Spatial Patterns and Drivers of Certified Organic Tea in China: Implications for Inclusive Promotion Policies

SIYUAN HUA (National Taiwan University)*, Yir-Hueih Luh (National Taiwan University)

Impact on Consumer's Willingness to pay of the Added Sugar Labeling Regulation – Application to Processed Cranberry Products

Xueying Ma (University of Arkansas), Rosa Karina Gallardo (Washington State University)*, Elizabeth Canales (Mississippi State University), Amaya Atucha (University of Wisconsin), Juan Zalapa (University of Wisconsin), Massimo Iorizzo (North Carolina State University)

California Pesticide Restrictions and Registration Delays: Lettuce Market Implications

Jarrett Hart (ERA Economics)*, Duncan MacEwan (ERA Economics), Jay Noel (ERA Economics)

June 24, 8:45 a.m. – 10:15 a.m.

Production and Farm Economics

SUTTER III

Moderator: Guang Tian

Persistent Farmland Capitalization of Bio-ethanol Establishment

Gabriel Sampson (Kansas State University), Jisang Yu (Kansas State University)*

Predict Weekly County-level Crop Progress with Publicly accessible Data

Guang Tian (University of Wisconsin-Madison)*, Paul Mitchell (University of Wisconsin-Madison)

Farm Succession: Are Young New Mexicans Interested?

Sawssan Boufous (New Mexico State University)*, Maryfrances Miller (New Mexico State University), Chadelle Robinson (New Mexico State University)

Climate Change in New Mexico: Are Farmers Willing to Adapt?

Sawssan Boufous (New Mexico State University)*, Brian Hurd (New Mexico State University)

June 24, 8:45 a.m. – 10:15 a.m.

Quantitative and Research Methods

CABLE CAR

Moderator: Amy Hagerman

How Big is Too Big? Resiliency Frontiers to System-Wide Shocks Caused by Animal Disease Outbreak

Amy Hagerman (Oklahoma State University)*, Dayton Lambert (Oklahoma State University), Lixia Lambert (Oklahoma State University)

Examining the Relationship Between County and Farm-Level Yield Distributions Using Extreme Value Theory

Gerald Van Tassell (University of Nebraska-Lincoln)*, Cory Walters (University of Nebraska - Lincoln), Mindy Mallory (Purdue University), Richard Preston (Hardin Farms)

Fuel Tax Cuts and Gasoline Demand: A Brazilian Case Study

Bruno Chaves Morone Pinto (University of Nebraska-Lincoln)*, Leonardo Cardoso (Universidade Federal de Vicosa)

Small-sample Properties of Robust Willingness-to-Pay Estimators

Dayton Lambert (Oklahoma State University)

June 24, 8:45 a.m. – 10:15 a.m.

Graduate Student Paper Competition - 1

TELEGRAPH HILL

Moderator: Glynn Tonsor

A Differential Game Model of Optimal Management of Wolf-Livestock Conflict

Nathan F Holtman (Texas Tech University)*

Groundwater Retirement and Land Use

Innocent Vomitadyo (Colorado State University)*

Quantifying the Price Elasticity of Water Demand in Cheyenne, WY: Implications for Drought Management and Policy in the Colorado River Basin

Catherine D Grant (University of Wyoming)*

June 24, 10:30 a.m. – 12:00 p.m.

MONDAY LATE MORNING

June 24, 10:30 a.m. – 12:00 p.m.

Consumer Demand

RUSSIAN HILL

Moderator: Amanda Tian

Consumer Preferences for Fresh and Processed Fruit Products: An Economic Experiment

Marcelo Pignatari (Utah State University), Kynda Curtis (Utah State University)*

Consumers' Willingness to Pay for Integrated Pest Management Alternatives Considering Climate Change

Andre Murray (Washington State University), Rosa Karina Gallardo (Washington State University)*

Predicting changes in meat consumption in China: A dynamic AIDS approach

Amanda Tian (Kansas State University)*, Eugene Nuworsu (Purdue University), Tian Xia (Kansas State University)

Are Preferences for Organic Shifting Among U.S. Consumers? A Case Study on Organic Rice with a Best-Worst Scaling Approach

Joohun Han (University of Arkansas)*, Alvaro Durand-Morat (University of Arkansas)

June 24, 10:30 a.m. – 12:00 p.m.

Environmental and Resource Economics

SUTTER I

Moderator: Catherine D. Grant

The relationship between irrigation usage and cover crop adoption: Evidence from a survey of rainfed and irrigated crop producers

Kaouter Essakkat (University of Nebraska-Lincoln)*, Karina Schoengold (University of Nebraska)

Characterizing Community Drinking Water Systems Exposed to Wildfire Impacts in the Western U.S.

Charlotte Wachter (Colorado State University)*, Jordan Suter (Colorado State University), Jesse Burkhardt (Colorado State University), Wes Austin (US EPA), Sonja Kolstoe (USDA Forest Service), Bryan Parthum (US EPA), Siyu Pan (Northern Arizona University)

Optimizing Brush Pile Disposal on Western USFS Land

Caleb Axlund (Colorado State University)*, Jordan Suter (Colorado State University), Daniel McCollum (United States Forest Service)

Spatial Cropland Distribution for Optimal Dairy Manure Management in Idaho

Yuxuan Zheng (UNIVERSITY OF IDAHO)*

June 24, 10:30 a.m. – 12:00 p.m.

Production and Farm Economics

SUTTER II

Moderator: Kate Fuller

Adoption of Enteric Methane Emission Mitigating Technology in U.S. Feedlots

Jaime Luke (Kansas State University)*, Glynn Tonsor (Kansas State University)

An Economic Analysis of Soil Health Practices in Potato Production

Kate Binzen Fuller (USDA Economic Research Service)*, Alex Maas (University of Idaho), Christopher McIntosh (University of Idaho), Kusum Adhikari (University of Idaho)

In the face of change: Resilience of the North Central Region agriculture to climate shocks

Victor Lana Pinto (University of Nebraska-Lincoln)*

Factors that Influence the Location Decisions of Dairy Farms

Syed Badruddoza (Texas Tech University), Brittney Couch (USDA FAS), Stephen Devadoss (Texas Tech University)*

June 24, 10:30 a.m. – 12:00 p.m.

Food and Agricultural Policy

SUTTER III

Moderator: Yanan Zheng

The relationship between food security status and food policy attitudes

Jillian Hyink (University of Arkansas)*, Brandon McFadden (University of Arkansas), Craig Gundersen (Baylor University), Brandy Phipps (Central State University)

Restriction of High-Volatile Organic Compound (VOC) Pesticide Products in California: Growers' Intensive and Extensive Margin Adjustments

Yanan Zheng (University of California, Davis)*, Rachael Goodhue (University of California, Davis)

Impact of Covid-19 on Household Resilience to Food Insecurity in Sub-Saharan Africa; Malawi

Derick Adu (Texas Tech University)*, Darren Hudson (Texas Tech University)

Comprehensive Nutrition Intervention Program emphasizing fruit and vegetable consumption to reduce food insecurity in Central Valley of California

Serhat Asci (California State University, Fresno)*, Srinivasa Konduru (California State University, Fresno), Shabnam Pooya (California State University, Fresno), Lisa Herzig (California State University, Fresno)

June 24, 10:30 a.m. – 12:00 p.m.

Agribusiness

CABLE CAR

Moderator: DeDe Jones

Evaluating the Economic Impact of Agribusiness in the Texas High Plains Trade Area

DeDe Jones (Texas A&M AgriLife Extension)*, Bridget Guerrero (West Texas A&M University)

The Cointegration of California's LCFS Credit Market and Midwestern Distillers Grain Markets

Andrew Swanson (UC-Davis)

Factors affecting meat processing wages among small firms in Oregon

Jadon Stafford (Oregon State University)*

Analyzing the Market Impact of Federal Industrial Hemp Legalization in Cattle Feed

Matthew M Melchor (Kansas State University)

June 24, 10:30 a.m. – 12:00 p.m.

Graduate Student Paper Competition - 2

TELEGRAPH HILL

Moderator: Glynn Tonsor

Role of Alternative Marketing Agreements on Evolving Beef Cattle Quality

Katherine Doumit (Kansas State University)

Effects of the expansion of plant-based milk on the consumption of dairy milk products

Sangwon Lee (UC-Davis)

June 24, 2024

MONDAY LUNCH
UNION SQUARE BALLROOM

Lunch and Keynote Speaker: Dr. Wolfram Schlenker



Title: Identifying the Role of Environmental Factors and Economic Policy on Crop Yields

Abstract: The trend in crop yields has been slowing over the last four decades. This talk will discuss recent empirical estimates using micro-level panel data on how environmental factors (such as temperature extremes, CO₂ concentrations, and other pollutants) affect crop yields, how cropping patterns, in turn, can affect these environmental factors, and how profit-maximizing farmers can adapt to changing environmental conditions. Finally, it will contrast the magnitude environmental factors with those of economic policy and market reforms on crop yields using remotely sensed data around country boundaries.

June 24, 1:30 p.m. – 3:00 p.m.

MONDAY EARLY AFTERNOON

June 24, 1:30 p.m. – 3:00 p.m.

WAEA Organized Symposium: Economic Aspects of Wildfire Management and Impacts in the Western United States

RUSSIAN HILL

Moderator: Karina Schoengold

Sam Evans (California Department of Fire)*, Jon Yoder (Washington State University)*, Grant Webster (University of Colorado)*, Jude Bayham (Colorado State University)*

Economic Aspects of Wildfire Management and Impacts in the Western United States

June 24, 1:30 p.m. – 3:00 p.m.

WEC Organized Symposium: Automation and Labor Considerations in Large-scale Specialty Crops Production Farm Management

SUTTER I

Moderator: Tim Delbridge

Automation and Labor Considerations in Large-scale Specialty Crops Production Farm Management

Ben Palone (Western Growers), Quincie Gourley (Tanimura & Antle)*, Lynn Hamilton (Cal Poly – San Luis Obispo)*, Tim Delbridge (Oregon State University)*

June 24, 1:30 p.m. – 3:00 p.m.

Western Extension Committee--Extension

SUTTER II

Moderator: Kynda Curtis

A Comparative Analysis of Grassland Management Practices using MCDM: The Case of Modified Patch-Burn

Mohamed Sebaq (University of Nebraska-Lincoln)*, Jay Parsons (University of Nebraska - Lincoln)

The governance of wine appellations in Italy: The case of Chianti

Luca Rossetto (University of Padova)*, Luigi Galletto (University of Padua), Leonardo Cei (University of Padua)

Intermountain West Florist Preferences for Local Cut Flowers

Kynda Curtis (Utah State University)*, Melanie Stock (Utah State University)

June 24, 1:30 p.m. – 3:00 p.m.

Consumer Demand

SUTTER III

Moderator: Koroles Award

Exploring factors shaping consumers' attitudes and purchasing intention towards sustainable wines

Yir-Hueih Luh (National Taiwan University)*, Shiu-Bo Tung (National Taiwan University, Taipei, Taiwan)

Hedonic Related Labels Impact on Consumers' Willingness to Purchase Blueberries

Xueying Ma (University of Arkansas), Rosa Karina Gallardo (Washington State University)*, Elizabeth Canales (Mississippi State University), Massimo Iorizzo (North Carolina State University)

The Aging Dynamics of Ultra-processed food demand and Obesity in the United States

Koroles Awad (Washington State University)*, Jill McCluskey (Washington State University), Mariah Ehmke (USDA), Abigail Okrent (USDA)

Household Preferences and Economic Implications of Load-Shedding in South Africa: A Double-Bounded Contingent Valuation Study

Saroj Adhikari (University of Arkansas)*, Brandon McFadden (University of Arkansas), Lawton Nalley (University of Arkansas)

June 24, 1:30 p.m. – 3:00 p.m.

Agricultural Finance and Risk

CABLE CAR

Moderator: Marcos Sugastti

Farmer and Rancher Credit Eligibility by Race, Ethnicity, and Gender

Bruce Ahrendsen (University of Arkansas)*, Ryan Loy (University of Arkansas), Ronald Rainey (University of Arkansas), Hunter Biram (University of Arkansas)

Do Risk Preferences Change? Evidence from Typhoon Ketsana

Marcos Sugastti (University of California, Davis)*, Sean Kiely (University of California, Davis)

Are Complex Crop Basis Forecasting Models Really Better? Evaluating Trade-offs in Forecasting Accuracy under Climate Change

Iyore Eronmwon (University of Nebraska-Lincoln)*, Cory Walters (University of Nebraska - Lincoln)

June 24, 1:30 p.m. – 3:00 p.m.

Production

TELEGRAPH HILL

Moderator: Jaime Luke

The bureaucracy's impact on wine growers in North-eastern Italy

Luigi Galletto (University of Padua)*, Luca Rossetto (University of Padova), Luigino Barisan (University of Padua)

How Feed Prices Impact Cattle Performance in Kansas Feedlots

Andrew Anderson (Kansas State University), Jaime Luke (Kansas State University)*

Conservation practices and agricultural productivity: evidence from Brazil

Felipe Almeida (University of Nebraska-Lincoln)*

June 24, 3:30 p.m. – 5:00 p.m.

MONDAY EARLY AFTERNOON

June 24, 3:30 p.m. – 5:00 p.m.

Environmental and Resource Economics

RUSSIAN HILL

Moderator: Kristiana Hansen

Is that \$30,000 drop effective?

Calvin Bryan (Colorado State University), Jude Bayham (Colorado State University)*

Capitalization of Mostly Complete Property Rights to Groundwater

Eric Edwards (University of California, Davis), Gabriel Sampson (Kansas State University)*, Nathan Hendricks (Kansas State University)

Corn or Switchgrass? Land Optimization for Bioenergy and Feedstock Production in Nebraska

Maroua Afi (University of Nebraska Lincoln)*, Jay Parsons (University of Nebraska - Lincoln), Salvador Ramirez (USDA), Daren Redfearn (University of Nebraska Lincoln), Marty Schmer (USDA), Virginia Gin (USDA), Rob Mitchell (USDA)

Angler Preference Under Alternative Climate Scenarios in Northwestern Wyoming

Patrick M Hofstedt (University of Wyoming)*, Kristiana Hansen (University of Wyoming), Christopher Bastian (University of Wyoming)

June 24, 3:30 p.m. – 5:00 p.m.

Production Economics

SUTTER I

Moderator: Lixia Lambert

Balancing growth and sustainability: assessing the opportunity cost in Brazilian agriculture

Felipe Almeida (University of Nebraska-Lincoln)*

Crop and Nitrogen Management Portfolio for Rainfed Double Cropping Systems

Lixia Lambert (Oklahoma State University)*, Dayton Lambert (Oklahoma State University)

Response of Agricultural Producers to a Water Conservation Program in the Wyoming Colorado River Basin

Hashendra Pamuditha Herath (University of Wyoming)*, Kristiana Hansen (University of Wyoming), Christopher Bastian (University of Wyoming)

June 24, 3:30 p.m. – 5:00 p.m.

International Trade

SUTTER II

Moderator: Sandro Steinbach

Agricultural Trade Potential of the United States with Six South Asian Countries: A Stochastic Frontier Gravity Model Approach

Tanmoy Kumar Ghose (Texas Tech University)*, Darren Hudson (Texas Tech University), Stephen Devadoss (Texas Tech University), Chenggang Wang (Texas Tech University)

Agricultural Trade and Total Factor Productivity: A Regional Level Analysis in Türkiye

Hanifi Otgun (University of Nebraska Lincoln)*, Lilyan Fulginiti (University of Nebraska-Lincoln), Richard Perrin (University of Nebraska-Lincoln), John Beghin (University of Nebraska-Lincoln)

Heterogenous Agricultural and Food Trade Effects of Exchange Rate Volatility

Dongin Kim (North Dakota State University), Sandro Steinbach (North Dakota State University), Carlos Zurita (North Dakota State University)

Regional Trade Agreements and Virtual Water Trade

Dongin Kim (North Dakota State University)*, Sandro Steinbach (North Dakota State University), Carlos Zurita (North Dakota State University)

June 24, 3:30 p.m. – 5:00 p.m.

Regional Economics

SUTTER III

Moderator: Thomas Harris

Change in Nevada Total, Wage and Salary, and Proprietor Employment: A Dynamic Spatial Shift-Share Analysis

Thomas Harris (University of Nevada, Reno)*, Jordan Hastings (University of Nevada, Reno)

The Impact of Campaign Funds for Childcare Policies on Female Representation

Pragati Dahal (University of Idaho)*, Alex Maas (University of Idaho)

Local governments' cost of blue sky: a perspective on government tax revenue

Yongwen Yang (University of Texas Rio Grande Valley)*, Juhee Lee (University of Texas Rio Grande Valley)

Nuances in Online Food Shopping Behaviors in the Post-Pandemic Food Environment

Mackenzie Gill (Colorado State University)*, Dawn Thilmany-McFadden (Colorado State University)

June 24, 3:30 p.m. – 5:00 p.m.

Experimental Economics

CABLE CAR

Moderator: Marcos Sugastti

Corporate Social Responsibility, Social Activism, and Market Fraud: An Experimental Approach

Anubrata Deka (Flame University) *, Amalia Yiannaka (University of Nebraska-Lincoln), Simanti Banerjee (University of Nebraska-Lincoln)

DO RISK PREFERENCES CHANGE? EVIDENCE FROM TYPHOON KETSANA

Marcos Sugastti (University of California, Davis)*, Sean Kiely (University of California, Davis)

Analyzing preference reversal in food choice experiments

Mariam Ishaq (SDSU), Deepthi Kolady (Oklahoma State University)*, Carola Grebitus (Arizona State University)

June 25, 8:45 a.m. – 10:15 a.m.

TUESDAY EARLY MORNING

June 25, 8:45 a.m. – 10:15 a.m.

Agricultural Marketing and Trade

RUSSIAN HILL

Moderator: Dragan Miljkovic

Has the "Value-Based Marketing System" for fed cattle been good for producers?

Scott Fausti (California State Univ. Monterey Bay), Hernan Tejada (University of Idaho)*, Zhiguang Wang (South Dakota State University), Jason Winfree (University of Idaho)

Identifying Technology Adoption Using Social Media Data

Yingqiu Zhang (University of California Davis), Joohun Han (University of Arkansas)*, Chanjin Chung (Oklahoma State University)

Vertical price transmissions in wheat supply chain: A global comparative study during supply shocks

Sushan K C (University of Idaho)*, Xiaoli Etienne (University of Idaho), Andres Trujillo-Barrera (University of Idaho)

An Investigation of Price Discovery Role of Futures Markets Using Machine Learning

Dragan Miljkovic (North Dakota State University)*, Puneet Vatsa (Lincoln University), Tatjana Miljkovic (Miami University)

June 25, 8:45 a.m. – 10:15 a.m.

Big Data, AI, E-commerce

SUTTER I

Moderator: Bhawna Thapa

Digital Twin Models Implications for Farm Management

Yuri Calil (Texas A&M University)*, Abdinardo Oliveira (UTFPR), Luis Ribera (Texas A&M University), Juan Landivar (Texas A&M University)

Examining ChatGPT Usage in Higher Education: A Study of College Students' Perspectives and Experiences

Pratikshya Silwal (Oklahoma State University)*, Bhawna Thapa (Oklahoma State University)

Dynamic Programming Analysis of Body Condition Scores (BCS) Impact on Milk Production and Fertility in Holstein Cows: Informing Optimal AI and Culling Decisions for Enhanced Dairy Farm Profitability

Bishal Bista (Colorado State University)*, Nathan DeLay (Colorado State University), Pablo Pinedo (Colorado State University), Diego Manriquez Alvarez (Colorado State University)

Nuances in Online Food Shopping Behaviors in the Post-Pandemic Food Environment

Mackenzie Gill (Colorado State University)*, Dawn Thilmany-McFadden (Colorado State University)

June 25, 8:45 a.m. – 10:15 a.m.

Environmental and Resource Economics

SUTTER II

Moderator: Tauhidur Rahman

The Effect of Exhaust Emissions Standards on Diesel Tractor Fuel Efficiency

Cory Walters (University of Nebraska - Lincoln)*, Lia Nogueira (University of Nebraska), Mike McCullough (Cal Poly San Luis Obispo), Lynn Hamilton (Cal Poly San Luis Obispo)

DID THE GREEN BRAZIL OPERATION HAVE AN EFFECT ON REDUCING WILDFIRES IN THE LEGAL AMAZON?

Bruno Felipe Lenin Souza Bezerra (University of Nebraska-Lincoln)*

The Impact of Climate Change on Winter Wheat Yield in the western region of the United States

Sravani Chokka (University of Arizona), Tauhidur Rahman (University of Arizona), Russell Tronstad (University of Arizona)*

Extreme Weather and Mortality in the United States

Tauhidur Rahman (University of Arizona)*, Pavan Thodeti (University of Arizona), Russell Tronstad (University of Arizona)

June 25, 8:45 a.m. – 10:15 a.m.

Production Economics

SUTTER III

Moderator: Dayton Lambert

Meta-Yield Response Functions for Determining Maximum Returns to Nitrogen

Donggeun Han (Oklahoma State University)*, Dayton Lambert (Oklahoma State University)

Taking a Cut Out of Wheat Profits: Estimating the Economic Losses from Wheat Stem Sawflies

Rebecca Wasserman-Olin (Colorado State University)*, Rebecca Hill (Colorado State University)

The Value of Flexibility in the Oklahoma Stocker Cattle Industry

Kallie Clifton (Oklahoma State University)*, Derrell Peel (Oklahoma State University)

The Importance of Individual and Collective Action in Wild Pig Damage to U.S. Crop and Livestock Farms

Nathan DeLay (Colorado State University)*, Daniel Mooney (Colorado State University), Sophie McKee (USDA APHIS NWRC)

June 25, 8:45 a.m. – 10:15 a.m.

Water and Energy Economics

CABLE CAR

Moderator: Kenneth Annan

Nonparametric Analysis of Irrigation Efficiency and Productivity in the Ogallala Aquifer Counties

Bruno Chaves Morone Pinto (University of Nebraska-Lincoln)*, Lilyan Fulginiti (University of Nebraska-Lincoln), Richard Perrin (University of Nebraska-Lincoln)

The Economic Impact of Irrigation Water Rights Adjudication: Evidence from Oregon's Klamath Basin

Kenneth Annan (OREGON STATE UNIVERSITY)*, William Jaeger (OREGON STATE UNIVERSITY)

Efficient Allocation of Groundwater to Irrigated Crops in Oklahoma's Panhandle

Lixia Lambert (Oklahoma State University)*, Yiqing Yao (UC Davis Center for Watershed Sciences), Lucia Levers (Sustainable Agricultural Water Systems, USDA-ARS; Davis, CA)

TUESDAY LATE MORNING

June 25, 10:30 a.m. – 12:00 p.m.



WAEA Business Meeting and WAEA Presidential Address “Economics and Animal Health: Implications, Challenges, and Opportunities”

WAEA President Elect Dustin Pendell, Kansas State University

Dr. Pendell will begin by discussing the use of economics in the animal health field over the past couple of decades. He will then show implications of its use, followed by addressing opportunities and challenges for applied economists going forward. Dustin’s hope is to demonstrate our relevance in shaping informed decisions, whether it be through analyzing data, modeling economic behavior, or assessing policy impacts, in this space or other scientific disciplines.

Dr. Dustin Pendell is a Professor in the Department of Agricultural Economics at Kansas State University. In Dustin’s nearly 20 years of academic experience, his research and extension work has focused on economic issues related to animal health. Dustin has significant teaching and mentoring experience with courses in agricultural marketing, production economics, farm management, managerial economics, data analysis, and animal health economics. Dr. Pendell is a founding member of the Global Burden of Animal Disease (GBADs) program and co-lead for the GBADs Wider Economics Impacts Theme. Dustin is the founding director for the World Organization of Animal Health’s Collaborating Centre for the Economics of Animal Health - Americas Region. He holds a B.S. in Agribusiness and Agronomy from Illinois State University, a M.S. in Agribusiness Economics from Southern Illinois University, and a Ph.D. in Agricultural Economics from Kansas State University.

TUESDAY LUNCH & WAEA Awards Ceremony Union Square Ballroom

June 25, 12:00 p.m. – 1:15 p.m.

WEC AG TOUR TOUR BUS WILL BE AT FRONT ENTRANCE

June 25, 1:30 p.m. – 8:30 p.m.