



**WESTERN AGRICULTURAL  
ECONOMICS ASSOCIATION**



**2018 WESTERN AGRICULTURAL  
ECONOMICS ASSOCIATION  
ANCHORAGE, ALASKA  
June 24 – 26, 2018**

|                                 |                                                                                  |
|---------------------------------|----------------------------------------------------------------------------------|
| JUNE 24, 9:30 a.m. – 5:00 p.m.  | SUNDAY REGISTRATION<br>Lobby between YUKON and<br>KUSKOKWIM meeting rooms        |
| June 24, 8:00 a.m. – 3:00 p.m.  | WESTERN EXTENSION<br>COMMITTEE BUSINESS MEETING<br>YUKON – 2 <sup>ND</sup> FLOOR |
| June 24, 3:30 p.m. – 5:00 p.m.  | WAEA COUNCIL MEETING<br>SUSITNA BALLROOM – 2 <sup>ND</sup><br>FLOOR              |
| June 24, 6:30 p.m. – 8:30 p.m.  | SUNDAY EVENING RECEPTION<br>THE SUMMIT – 15TH FLOOR                              |
| June 25, 7:30 a.m. – 10:00 a.m. | REGISTRATION<br>HR Lobby                                                         |
| June 26, 7:30 a.m. – 9:00 a.m.  | LATE REGISTRATION<br>HR Lobby                                                    |

JUNE 25, 8:00 a.m. – 9:30 a.m.

**WEC Symposium**

**SUSITNA BALLROOM**

Moderator: Ruby Ward, Utah State University

*Western Farm Management Issues Related to the Tax Cuts and Jobs Act*

Ruby Ward, Utah State University  
J.C. Hobbs, Oklahoma State University  
Guido van der Hoeven, North Carolina State University

JUNE 25, 8:00 a.m. – 9:30 a.m.

**Graduate Student Competition – Session 1**

**YUKON**

*Farm-Level Economic Assessment of Alternative Groundwater Management Strategies Over the Ogallala Aquifer in Southeastern Wyoming*

Kalia Willis, University of Wyoming  
Kristi Hansen, University of Wyoming  
Dannele Peck, University of Wyoming  
Scott Miller, University of Wyoming

*Optimal Monitoring in Procurement Auctions*

PakSing Choi, Washington State University

*Heterogeneity in the Price Elasticity of Demand for Commercial Water*

Matthew Flyr, Colorado State University

JUNE 25, 8:00 a.m. – 9:30 a.m.

**Consumer Perception and Demand**

**HOWARD ROCK B**

Moderator: Syed Iran

*The Impact of Volatile Fuel Prices on Produce Purchases among U.S. Households*

Richard Volpe, California Polytechnic University  
Xiaowei Cai, California Polytechnic University  
Christiane Schroeter, California Polytechnic University  
Lisa Mancino, California Polytechnic University

*Consumer Perception and Response to Food Fraud*

Syed Imran Al Meerza, University of Nebraska  
Christopher Gustafson, University of Nebraska

*Demand Spillovers of Food Recalls in Differentiated Product Markets*

Jeta Rudi Polloshka, California Polytechnic State University  
Metin Cakir, University of Minnesota

*Adherence to Dietary Recommendations and Food Retail Market Structure: Is there a Connection?*

Xiaowei Cai, California Polytechnic State University  
Richard Volpe, California Polytechnic State University  
Christina Schroeter, California Polytechnic State University  
Lisa Mancino, California Polytechnic State University

JUNE 25, 8:00 a.m. – 9:30 a.m.

**Livestock Production**

**HOWARD ROCK C**

Moderator: Scott Fausti

*Economic Sustainability of Firms in the Feedlot Industry: Why is there a Negative Time-Trend in the Number of Small Feedlot Operations?*

Scott Fausti, California State University Monterey Bay  
Matthew Diersen, South Dakota State University

*Value of Preventive Antibiotic Use in Feedlot Cattle*

William Maples, Oklahoma State University  
Wade Brorsen, Oklahoma State University

*Modeling Crop Livestock Production Systems Using Agent Based Principles Techniques*

Eric Coufal, University of Nebraska Lincoln  
Jay Parsons, University of Nebraska Lincoln  
Mary Drewnoski, University of Nebraska Lincoln  
Darn Redfearn, University of Nebraska Lincoln

*Economic Analysis of the Shadow Price of Federal Grazing Permits for Western U.S. Ranches*

Brian Herbst, Texas A&M University  
James Richardson, Texas A&M University  
Thomas Harris, University of Nevada, Reno  
George Knappek, Texas A&M University  
Joe Outlaw, Texas A&M University

JUNE 25, 8:00 a.m. – 9:30 a.m.

## Climate Change Impact on Agriculture

## KUSKOKWIM WEST

Moderator: Lawton Nalley

*Estimating Weather Impacts on South African Wheat Yields under Climate Change*

Aaron Shew, University of Arkansas  
Jesse Tack, Kansas State University  
Lawton Nalley, University of Arkansas  
Petronella Chaminuka, South Africa Agricultural Research Council

*The Economic Impact of Alternative Climate Change Scenarios on Groundwater Use and Agricultural Profitability in the Texas High Plains*

David Willis, Clemson University  
Ken Rainwater, Texas Tech University  
Rachna Tewari, University of Tennessee Martin  
Katherine Hayhoe, Texas Tech University  
Jeff Stovall, Espey Consultants, Inc.  
Jeff Johnson, Mississippi State University

*Micro-Climate Engineering for Climate Change Adaptation in Agriculture*

Itai Trilnick, University of California Berkeley  
Benjamin Gordon, University of California Berkeley  
David Zilberman, University of California Berkeley

*The Impacts of Climate Change on U.S. Irrigation Water Withdrawals: Role and Physical and Institutional Constraints*

Iman Haqiqi, Purdue University  
Sadia Jame, Purdue University  
Laura Bowling, Purdue University  
Thomas Hertel, Purdue University  
Jing Liu, Purdue University

JUNE 25, 8:00 a.m. – 9:30 a.m.

## Agricultural Trade

## KUSKOKWIM EAST

Moderator: Jeff Luckstead

*Welfare Effects of the U.S.- Mexican Tomato Trade Agreement*

Stephen Devadoss, Texas Tech University  
Elijah Kosse, South Dakota State University

*Asymmetric Exchange Rate Pass-Through in U.S. Imports of Cocoa*

Jeff Luckstead, University of Arkansas

*Trade and Investment Strategies in Food Processing Industry under NAFTA*

Mahdi Asgari, University of Kentucky  
Na Zuo, University of Arizona

*Let Them Eat Steak: Are Consumer Welfare Gains from Export Embargoes an Illusion?*

Ann Hillberg Selzinger, USDA APHIS  
Phillip Paarlberg, Purdue University  
Amy Hageman, USDA  
Kamina Johson, USDA

JUNE 25, 9:30 a.m. – 10:00 a.m.

MORNING BREAK  
HOWARD ROCK FOYER

JUNE 25, 10:00 a.m. – 11:30 a.m.

WEC Select Presentations

SUSTINA BALL ROOM

Moderator: Hernan Tejeda

***Evaluating the Feasibility and Economic Impact of Small Federally Inspected Cattle Harvest Facility***

David Hughes, University of Tennessee  
Andrew Griffith, University of Tennessee  
Hannah Wright, University of Tennessee  
Hal Pepper, University of Tennessee  
Aaron Smith, University of Tennessee  
David Willis, Clemson University

***Determinants and Spatial Relationships of U.S. Alfalfa Prices***

Russell Tronstad, University of Arizona  
Runfeng Li, Haikou Meilan International Airport

***Ag Help Wanted: Guidelines for Managing Agricultural Labor***

John Hewlett, University of Wyoming  
Trent Teegerstorm, University of Arizona  
Jeffrey Tranel, Colorado State University

***Enterprise Risk Analysis- A Module Covering Risk Management at the Enterprise Level***

John Hewlett, University of Wyoming  
Jay Parsons, University of Nebraska Lincoln  
Jeffrey Tranel, Colorado State University

JUNE 25, 10:00 a.m. – 11:30 a.m.

Graduate Student Competition – Session 2

YUKON

***Patents, Knowledge Creation, and Spillovers in Genetics for Agriculture and Natural Resources***

Ghulam Samad, Colorado State University  
Gregory Graff, Colorado State University

***Demographics of Direct-to-Consumer Sales: On-Site vs. Social Media Responses for a Local Farmers' Market***

Elena Chin, University of Arizona

***At What Cost: Exploring the Nature and Impacts of Water Rights Transfers in the Edwards Aquifer***

Anastasia Thayer, Texas A&M University  
Bruce McCarl, Texas A&M University

***Estimating Willingness to Pay for Beef Steaks Derived from RNA Interference Technology using Dichotomous Choice Data***

Logan Britton, Oklahoma State University

JUNE 25, 10:00 a.m. – 11:30 a.m.

Farm Bill and Financial Performance Tools

HOWARD ROCK B

Moderator: David Anderson

***Evaluating the Choice Between ARC, PLC and a Blended Safety Net – A Real Options Approach***

Justin Benavides, Texas A&M University  
Joe Outlaw, Texas A&M University  
David Anderson, Texas A&M University

***What Does a Forced Update for Base Acres Mean for Western Farmers and Ranchers***

Hank Nelson, Texas A&M University  
George Knappek, Texas A&M University  
Joe Outlaw, Texas A&M University  
James Richardson, Texas A&M University  
James Raulston, Texas A&M University

***Measuring and Analyzing Financial Performance: A Machine Learning Approach***

Krishna Pokharei, USDA  
David Archer, USDA ARS Northern Great Plains

***Economic Factors Associated with Wind Energy Leases on Agricultural Lands: A Decision Aid Tool for Illinois Agricultural Producers***

Michael Barrowclough, Illinois State University  
L. Leon Geyer, Virginia Polytechnic Institute and State University  
Michelle Kibler, Colorado State University

JUNE 25, 10:00 a.m. – 11:30 a.m.

## Teaching and Program Development

HOWARD ROCK C

Moderator: Leah Matthews

*Does Teaching Literacy Work? Faculty Reflections and Assessment of Student Learning Outcomes*

Leah Mathews, UNC Asheville

*Energy Education on Wheels: The UT Martin Mobile Energy Classroom*

Rachna Tewari, University of Tennessee Martin  
John Cole, University of Tennessee Martin  
Paula Gale, University of Tennessee Martin  
Nicholas Moon, University of Tennessee Martin

*Pathways to Creating a Successful Interdisciplinary Master Degree Program in International Agriculture*

Shida Henneberry, Oklahoma State University  
David Henneberry, Oklahoma State University

JUNE 25, 10:00 a.m. – 11:30 a.m.

## Cooperatives & Transaction Costs

KUSKOKWIM WEST

Moderator: Phil Kenkel

*Analysis of Multidimensional Trust in Agricultural Cooperatives*

Sanja Zivkovic, Texas Tech University  
Kishor Luttel, Angelo State University

*The Impact of Tax Reform on Agricultural Cooperatives and Members*

Phillip Kenkel, Oklahoma State University

*Can Prospect Theory Help Explain Again Agricultural Producers' Disadvantage during Privately Negotiated Trading?*

Chian Jones Ritten, University of Wyoming  
Christopher Bastian, University of Wyoming  
Amy Nagler, University of Wyoming  
Kristiana Hansen, University of Wyoming

*Comparing Actual and Predicted Groundwater Trading: The Role of Transaction Costs and Trading Restrictions*

Karina Schoengold, University of Nebraska

JUNE 25, 10:00 a.m. – 11:30 a.m.

## Crop Insurance

KUSKOKWIM EAST

Moderator: Cory Walters

*Market and Welfare Effects of the Federal Crop Insurance Program*

Charalampos Mavroutsikos, University of Nebraska  
Konstantinos Giannakas, University of Nebraska  
Cory Walters, University of Nebraska

*Crop Insurance and Farm Structure in Long-Run Competitive Equilibrium*

Taylor Klaus, University of Nebraska Lincoln  
Cory Walters, University of Nebraska Lincoln  
Azzeddine Azzam, University of Nebraska Lincoln

*Influence of Farm and Lease Type on Crop Insurance Returns*

Sankalp Sharma, Kent State University  
Cory Walters, University of Nebraska

JUNE 25, 12:00 p.m. – 1:00 p.m.

MONDAY LUNCH  
HOWARD ROCK FOYER AB

JUNE 25, 1:30 p.m. – 3:00 p.m.

MONDAY EARLY AFTERNOON

## WEC Symposium

SUSTINA BALL ROOM

Moderator: Clark Seavert, Oregon State University

***Big Data for Local Needs: Using Farm-Level Data for Extension and Outreach***

Kate Fuller, Montana State University  
Anton Bekkerman, Montana State University  
Joleen Hadrich, University of Minnesota  
Shannon Ferrell, Oklahoma State University

## Organized Symposium

YUKON

Effectiveness of Farm-to-School Programming – Data Availability and Preliminary Evidence

***An Overview of Farm-to-School Programs and Data Availability***

Alessandro Bonanno, Colorado State University

***A Systematic Review of the Impact of Farm-to-School Related Activities on Student Outcomes***

Rebecca Cleary, Colorado State University

***The Farm and Ranch Profitability Impacts of Sales through School Markets***

Dawn Thilmany McFadden, Colorado State University

***Too Cool for Farm to School? Analyzing Factors Associated with School Districts***

Sachintha Mendis, Colorado State University

JUNE 25, 1:30 p.m. – 3:00 p.m.

## Consumer Segmentation

HOWARD ROCK B

Moderator: Albert Boaitey

***Millennials' Awareness, Preferences, and Willingness to Pay for Probiotics***

Caleb Vukovich, South Dakota State University  
Deepthi Kolady, South Dakota State University  
Kendra Kattelmann, South Dakota State University  
Joy Scaria, South Dakota State University

***Do the Preferences of Millennials for Antibiotic use and More Environmentally Friendly Practices in Livestock Differ from Non-Millennials?***

Albert Boaitey, University of Wisconsin River Falls  
Ellen Goddard, University of Alberta

***How do Consumers of Organic Wheat Products Differ from Non-Consumers: Analysis of Market Segments Including Potential Consumers***

Tatiana Drugova, Utah State University  
Kynda Curtis, Utah State University

***Nutrition and Health Benefit Information Use Among Consumers with Metabolic Syndrome (at Fast Food Restaurants and Full Service Restaurants)***

Vincent Amanor-Boadu, Kansas State University  
Eva Kyeveboah, Kansas State University  
Kara Ross, Kansas State University

JUNE 25, 1:30 p.m. – 3:00 p.m.

## Economic Feasibility of Production Strategies

HOWARD ROCK C

Moderator: John Biermacher

*Economics of No-Tilling Cereal Rye Pasture for Stocker Cattle Grazing in the Southern Great Plains*

John Biermacher, Noble Research Institute, LLC  
Ryan Reuter, Oklahoma State University  
Corey Moffet, USDA-ARS  
Narayan Nyaupane, Noble Research Institute, LLC  
James Rogers, Noble Research Institute, LLC

*Alternative Strategies for Managing and Marketing Open Beef Cows*

Steve Lira, Noble Research Institute, LLC  
Jon Biermacher, Noble Research Institute, LLC  
Devlon Ford, Noble Research Institute, LLC  
Austin Miles, Noble Research Institute, LLC  
Evan Whitley, Noble Research Institute, LLC

*Are Pecans & Cattle Mutually Beneficial?*

Myriah Johnson, Noble Research Institute, LLC  
Barrett Moore, Louisiana Tech University  
Charles Rohla, Noble Research Institute, LLC

*A Profitability Comparison of Traditional and Rotational Cattle Grazing Systems in Northern Colorado*

Jessica Windh, University of Wyoming  
John Ritten, University of Wyoming  
Justin Demer, USDA  
Brian Lee, University of Wyoming  
Steve Paisley, University of Wyoming

JUNE 25, 1:30 p.m. – 3:00 p.m.

## Economic Impact of Agricultural Technologies

KUSKOKWIM WEST

Moderator: Timothy Delbridge

*Using Cross-Country Data to Estimate the Yield Impact of Genetically Engineered Corn*

Jesse Tack, Kansas State University  
Jayson Lusk, Purdue University  
Nathan Hendricks, Kansas State University

*Whole Farm Implications of Utilizing Direct Harvesting Techniques in Dry Bean Rotations in Southeast Wyoming and Western Nebraska*

Brian Lee, University of Wyoming  
John Ritten, University of Wyoming

*The Current and Potential Feasibility of Automation in Strawberry Processing*

Timothy Delbridge, California Polytechnic University

JUNE 25, 1:30 p.m. – 3:00 p.m.

## International Agriculture

KUSKOKWIM EAST

Moderator: TBD

*What Makes Food Producers of Maize, Rice, Soy Remain in Hunger? Evidence from Ghana*

Minyoung Jun, Kansas State University  
Kara Ross, Kansas State University  
Yacob Zereyesus, Kansas State University  
Vincent Amanor-Boadu, Kansas State University

*An Analysis of South Korea's Import Demand by the Expansion of Mandatory Labeling of Genetically Modified Crops*

Juhee Lee, Kansas State University

*Yield Response Functions and Profitability Analysis of Sorghum and Maize in Nigeria*

Pacem Kotchofa, Kansas State University  
Timothy Dalton, Kansas State University

AFTERNOON BREAK  
HOWARD ROCK FOYER

JUNE 25, 3:00 p.m. – 3:30 p.m.

|                                                                                                                                                                 |                                                                                                                                     |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>WEC Symposium</b>                                                                                                                                            |                                                                                                                                     | <b>SUSTINA BALL ROOM</b> |
| Moderator: JoAnn Warner                                                                                                                                         |                                                                                                                                     |                          |
| <i>Financial Performance Implications of Sales Through Direct and Intermediated Markets: Current Research and Future Needs to Support Extension Programming</i> | Dawn Thilmany, Colorado State University<br>Becca Jablonski, Colorado State University<br>Martha Sullins, Colorado State University |                          |

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|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------|
| JUNE 25, 3:30 p.m. – 5:00 p.m.                                                                                                         |                                                                                                         | <b>YUKON</b> |
| <b>Organized Symposium</b>                                                                                                             |                                                                                                         |              |
| Adapting to the 21st century teaching-learning environment: technology as an instrument for student success in agribusiness classrooms |                                                                                                         |              |
| Moderator: Rachna Tewari                                                                                                               |                                                                                                         |              |
| <i>Implementation and administration of video game simulations as a teaching tool</i>                                                  | Kelly Lange, Texas Tech University<br>Rachna Tewari, University of Tennessee at Martin<br>Joey Mehlhorn |              |
| <i>Teaching online using lecture capture and experiential learning activities</i>                                                      | Amanda Countryman, Colorado State University                                                            |              |
| <i>Utilizing technology to cope with growing class sizes</i>                                                                           | Bridget Guerrero, West Texas A&M University<br>Mallory Vestal                                           |              |
| <i>Challenges of teaching an online course for the first time</i>                                                                      | Sanja Zivkovic, Texas Tech University                                                                   |              |
| <i>Policies and constraints for uploading digital materials in student learning platforms</i>                                          | Kishor Luitel, Angelo State University                                                                  |              |
| <i>Collaborative Learning Activities in Collaborative Learning Spaces</i>                                                              | Na Zau, University of Arizona                                                                           |              |

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|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------|
| <b>Agricultural Labor Issues</b>                                                                                                       |                                                                                                                       | <b>HOWARD ROCK B</b> |
| Moderator: Diane Charlton                                                                                                              |                                                                                                                       |                      |
| <i>Can Wages Rise Quickly Enough to Keep Workers in the Fields?</i>                                                                    | Diane Charlton, University of California Davis<br>Edward Taylor, University of California Davis                       |                      |
| <i>Explaining the Growth in Agricultural Guest Worker Demand</i>                                                                       | Marcelo Castillo, USDA<br>Diane Charlton, University of California Davis<br>Thomas Hertz, USDA ERS                    |                      |
| <i>Labor Allocation of Beginning Farm Operator Households: The Role of Health Insurance</i>                                            | Ashok Mishra, Arizona State University                                                                                |                      |
| <i>The Impacts of NAFTA Revision and Heightened Immigration Enforcement on the U.S. Farm Sector, Non-Farm Sector, and Labor Market</i> | Xin Zhao, University of Arkansas<br>Stephen Devadoss, Texas Tech University<br>Jeff Luckstead, University of Arkansas |                      |

JUNE 25, 3:30 p.m. – 5:00 p.m.

## Livestock Marketing

HOWARD ROCK C

Moderator: TBD

### *Preferred Characteristics by Stocker Buyer Type*

Kellie Raper, Oklahoma State University  
Derrell Peel, Oklahoma State University  
Amy Hageman, U.S. Department of Agriculture  
Brian Mulenga, Oklahoma State University

### *Market Dynamics and the Dairy Beef Fed Cattle Price Spread*

Christopher Pudenz, Iowa State University  
Lee Schulz, Iowa State University

### *Rethinking Derived Demand, Generic Advertising and Trade in the U.S. Beef Industry*

Nathan Hendricks, Kansas State University  
Melissa McKendree, Michigan State University  
Ted Schroeder, Kansas State University  
Glynn Tonsor, Kansas State University

### *Market Failure in Disease Control: The Case of Bovine Viral Diarrhea Virus (BVDv) in the Cattle Industry*

Courtney Hurt, Oklahoma State University

JUNE 25, 3:30 p.m. – 5:00 p.m.

## Product Differentiation

KUSKOKWIM WEST

Moderator: Dolores Garrido

### *The Pricing of a High-End Experience Good in a Very Competitive and Opaque Market: The Case of Swiss Fine Wines*

Philippe Masset, Ecole Hoteliere de Lausanne  
Alexandre Mondoux, ETH Zurich  
Jean-Philippe Weisskopf, Ecole Hoteliere de Lausanne

### *Which Craft to Choose? A Brand Loyalty Study of Craft Beer Consumers*

Jesse Barnett, University of North Carolina Asheville  
Leah Matthews, University of North Carolina Asheville

### *Assessing Consumers' Response to a Ready to Eat Meal Processed by a Quasi Novel Food Processing Technology*

Dolores Garrido, Washington State University  
R. Karina Gallardo, Washington State University

JUNE 25, 3:30 p.m. – 5:00 p.m.

## Agricultural Policy

KUSKOKWIM EAST

Moderator: Clinton Neill

### *FSMA Compliance Vs FSMA Exemption: Does a Label Impact Consumers' Perceptions of Produce Food Safety Risks*

Clinton Neill, Virginia Tech  
Rodney Holcomb, Oklahoma State University

### *Measuring Embodied Blue Water in American Diets: An EIO Supply Chain Approach*

Sarah Rehkamp, USDA ERS  
Patrick Canning, USDA ERS

### *A Decade of Change: Evolving Costs of Regulatory Compliance in the Produce Industry*

Lynn Hamilton, California Polytechnic University  
Michael McCullough, California Polytechnic University

JUNE 26, 7:00 a.m. – 8:00 a.m.  
BREAKFAST

HARD ROCK FOYER AB

## TUESDAY EARLY MORNING

JUNE 26, 8:00 a.m. – 9:30 a.m.

### WEC Invited Presentations: Farm Policy Update and Outlook

SUSTINA BALL ROOM

Moderator: Shannon Neibergs

*Shifting Policy, Tariffs and World Trade  
Farm Bill Status and Outlook Update*

Vincent Smith, University of Montana  
Bradley Lubben, University of Nebraska

*Estate Tax Law Changes and Opportunities*

Guido van der Hoeven, North Carolina State University

JUNE 26, 8:00 a.m. – 9:30 a.m.

### Demand for Non-Market and Non-Food Products

YUKON

Moderator: Jude Bayham

*The Impacts of Chronic Wasting Disease (CWD) on Recreational Hunting Activities:  
Evidence from Alberta Canada*

Lusi Xie, University of Alberta  
Patrick Lloyd-Smith, University of Saskatchewan,  
Wiktor Adamowicz, University of Alberta

*Perceptions of Alternative Management Options for Addressing Chronic Wasting  
Disease in Canada: A Paired Approach Comparison*

Geoffrey Durocher, University of Alberta

*A Real Barn Burner: The Effectiveness of Home Protection During Wildfire*

Jude Bayham, Colorado State University  
Jonathan Yoder, Washington State University

*Supply of Specialized Oilseeds for Bio-Jet Fuel Production: Willingness to Grow and  
Market Potential*

Jason Bergtold, Kansas State University  
Conner McCollum, Kansas State University  
Aleksan Shanoyan, Kansas State University

*Demand Analysis for Electricity, Solar, Gas and Wood Fuel Energy in Ghana*

Agness Mzyece, Kansas State University  
Yacob Zereyesus, Kansas State University  
Aleksan Shanoyan, Kansas State University  
Francis Tsiboe, Kansas State University

JUNE 26, 8:00 a.m. – 9:30 a.m.

### Industry Structure and Growers' Perceptions

HOWARD ROCK B

Moderator: Christopher Bastian

*Understanding Contract Preferences for Pollination Services: A Random Utility  
Analysis of Almond Growers' Stated Choice Data*

Christopher Bastian, University of Wyoming  
Chian Jones Ritten, University of Wyoming  
Mariah Ehmke, University of Wyoming  
Hunter Bruce, University of Wyoming  
Vardges Hovhannisyan, University of Wyoming

*Spatial Analysis of Economics Changes due to the Dairy Expansion in the Texas  
High Plains*

Rachel Owens, West Texas A&M University  
Bridget Guerrero, West Texas A&M University  
Stephen Amosson, Texas A&M AgriLife Extension Service  
Kunlapath Sukcharoen, West Texas A&M University  
John Richeson, West Texas A&M University  
Lal Almas, West Texas A&M University

*Identifying the Dynamic Structure of the Cheese Market*

Man-Keun Kim, Utah State University  
Hernan Tejeda, University of Idaho

*Transitioning to the Fresh Market: A Study of the Production and Marketing Needs  
of the Pacific Northwest Strawberry Growers*

Zongyu Li, Washington State University  
R. Karina Gallardo, Washington State University  
Wendy Hoashi, Washington State University  
Lisa Wasko DeVetter, Washington State University  
Vicki McCracken, Washington State University  
Chengyan Yue, University of Minnesota

JUNE 26, 8:00 a.m. – 9:30 a.m.

## Transitions, Farm Stress, and the Role of GMO's

HOWARD ROCK C

Moderator: Gary Brester

*Simulation of Farm Transition Strategies' Impact on Farm Net Worth and Cash Flow*

Shannon Ferrell, Oklahoma State University  
Rodney Jones, Oklahoma State University  
Garrett Reed, Oklahoma State University

*A Non-Linear Examination of the Doubts Regarding Genetically Modified Crop Yields*

Gary Brester, Montana State University  
Joseph Atwood, Montana State University

*Evaluation of the Transition from Conventional to Organic Using a Whole-Farm Linear Programming Model*

Emily Carls, Kansas State University  
Gregory Ibendahl, Kansas State University  
Terry Griffin, Kansas State University

*Strategic Loan Modifications for Distressed Farm Borrowers*

Bruce Ahrendsen, University of Arkansas  
Charles Dodson, USDA FSA

JUNE 26, 8:00 a.m. – 9:30 a.m.

## Resources and Development

KUSKOKWIM WEST

Moderator: Alexander Maas

*More than Land and Crops: A Dynamic Crop Choice Model of New Mexico Agriculture*

Haoying Wang, New Mexico Tech

*Implications for Income Distribution and Economic Linkages: A Fully Developed IMPLAN Based Core Periphery Social Accounting Matrix*

David Hughes, University of Tennessee  
Aaron Smith, University of Tennessee  
David Willis, Clemson University

*Distributing Wealth to the Wealthy: A Parking Story*

Alexander Maas, University of Idaho  
Philip Watson, University of Idaho  
Christopher Goemans, Colorado State University

*Combining Cluster Economic Procedures with Area Sector Analysis Procedures to Develop Economic Targeting for White Pine County, Nevada*

Thomas Harris, University of Nevada Reno  
Buddy Borden, University of Nevada Reno  
Maileka Landis, University of Nevada Reno

JUNE 26, 8:00 a.m. – 9:30 a.m.

## Resource Management, Fisheries, and Tree Nuts

KUSKOKWIM EAST

Moderator: Matthew Reimer

*Mechanisms Matter for Evaluating the Economic Impacts of Marine Reserves*

Matthew Reimer, University of Alaska Anchorage  
Alan Haynie, National Marine Fisheries Service

*Peruvian Fishmeal Industry Resilience to El Niño Southern Oscillation (ENSO) Events: Implications for Industry Structure*

Paul Leiva, Kansas State University  
Aleksan Shanoyan, Kansas State University

*Going Nuts over Pecans*

Micah Newton, Texas A&M University  
George Knappek, Texas A&M University  
David Anderson, Texas A&M University  
Joe Outlaw, Texas A&M University

MORNING BREAK  
HARD ROCK FOYER

JUNE 26, 9:30 a.m. – 10:00 a.m.

TUESDAY LATE MORNING

JUNE 26, 10:00 a.m. – 11:00 A.M.

**WAEA Presidential Address**

***In Defense of Teaching***

**Lynn L. Hamilton, Cal Poly**



11:00 a.m. 12:00 p.m. WAEA Awards and Business Meeting

JUNE 26, 12:00 P.M. – 1:00 P.M.

TUESDAY LUNCH  
HARD ROCK FOYER AB

JUNE 26, 1:30 P.M. – 9:00 P.M.

AG TOUR  
TOUR BUS WILL BE AT FRONT ENTRANCE

TOUR ITINERARY

1:30 P.M. Pick up Sheraton main entrance

9:00 P.M. Return