



WESTERN AGRICULTURAL
ECONOMICS ASSOCIATION



2019 WESTERN AGRICULTURAL
ECONOMICS ASSOCIATION
Coeur d'Alene, Idaho
June 30 – July 2, 2019

Sunday, June 30

12:00 p.m. – 5:00 p.m.	Sunday Registration Bay 1A-Hallway
9:00 a.m. – 2:30 p.m.	Western Extension Committee Business Meeting Bay 1A & 1B
3:00 p.m. – 5:00 p.m.	WAEA Council Meeting Bay 2
3:30 p.m. – 8:00 p.m.	Western Extension Committee Poster Display Bay 3
6:00 p.m. – 8:00 p.m.	Sunday Evening Reception - A Taste of Idaho Lakeview Terrace

Monday, July 1:

Breakfast: 7:00 a.m. – 8:30 a.m.

Bay 3

Registration Bay 1A - Hallway

8:00 a.m. – 12 p.m.

Paper Session 1

Monday 8:00 a.m. – 9:30 a.m.

Agricultural Marketing, Demand and Price Analysis	BAY 2
Moderator: Anton Bekkerman, Montana State University	
<i>The Effects of Section 199 on the Basis Offered by Grain Marketing Cooperatives</i>	Anton Bekkerman and Andrew Swanson, Montana State University; Mykel Taylor, Kansas State University
<i>Analysis of the Idaho Hay and Dairy Price Relationship under Structural Change</i>	Patrick Hatzenbuehler, Steven Hines, Joel Packham, Hernan Tejeda, University of Idaho
<i>A Structural Shift in US Hay Production</i>	Brian Herbst, David Anderson, Joe Outlaw, Aleksandre Maisashvil, Texas A&M University; Natalie Graff; Agricultural and Food Policy Center, Texas A&M University
<i>The Role of Quality Characteristics in Pricing Hard Red Winter Wheat</i>	Shane Roberts, Kathleen Brooks, Lia Nogueira, Cory Walters, University of Nebraska-Lincoln

Environmental and Resource Economics	BAY 1A
Moderator: Jeff Reimer, Oregon State University	
<i>An Economic Simulation Model of the Food-Energy-Water Nexus</i>	Jeff Reimer, Oregon State University
<i>Evaluating the Sensitivity of Residential Water Demand Estimation to Model Specification and Instrument Choices</i>	Alexander Maas and Roshan Puri, University of Idaho
<i>Value of irrigated water under a changing weather: a farm level analysis</i>	Federico Trindade; University of Washington Lilyan Fulginiti and Richard Perrin, University of Nebraska-Lincoln

Paper Session and Symposium Session 1**Monday 8:00 – 9:30 a.m.**

International Trade & Development		BAY 1B
Moderator: Stephen Devadoss, Texas Tech University		
<i>Climate Shocks and Risk Diversification: A Profit Approach to Pastoralists Decision-Making in Southern Ethiopia.</i>	Anne Timu, University of Nebraska, Lincoln	
<i>An Analysis of the Relationship Between Prices and Productivity: A Case of Nutrient- based Subsidy Program in India</i>	Anubrata Deka, University of Nebraska-Lincoln	
<i>What Do We Lose Under A Milk Production Quota?: Case Study of South Korea</i>	Yunkyung Lee, University of Nebraska-Lincoln	
<i>Trade and FDI Liberalization in the Processed Food Market Under CETA</i>	Stephen Devadoss, Texas Tech University Jeff Luckstead, University of Arkansas	

Production Economics & Farm/Ranch Management		NORTH CAPE BAY
Moderator: Matthew Diersen, South Dakota State University		
<i>Risk Management Aspects of Farmer Feedlots</i>	Matthew Diersen, South Dakota State University Scott Fausti, California State University Monterey Bay	
<i>Exploiting Seasonality in Lamb Prices to Shift Production</i>	Levin Porter and David Anderson, Texas A&M University	
<i>Modeling Joint Adoption of Value-Added Cow-Calf Production Practices in Oklahoma</i>	Brian Mulenga, Kellie Raper and Derrell Peel; Oklahoma State University	

Graduate Student Paper Competition Session 1		KIDD ISLAND BAY
Moderator: Wade Brorsen, Oklahoma State University		
<i>Evaluation of Factors Influencing Agricultural Trade</i>	Blessing Ugwuanyi, Texas Tech University	
<i>The Cost of Salinity to Agriculture in the Murray-Darling Basin, Australia</i>	Putri Komala Dara and Jordan Suter, Colorado State University	
<i>Model-Free Detection of a Speculative Asset Bubble: Evidence from the World Market for Superstar Wines</i>	Tor Tolhurst, University of California-Davis	
<i>Industrial Hemp: The Next American Staple Crop?</i>	Megan Harper, George Knappek and Joe Outlaw, Texas A & M University	

Invited Symposium - Western Extension Committee		BOARD ROOM 5ABC
<i>Western Dairy Industry Challenges</i>		
<i>This symposium will address major issues facing the dairy industry across the Western states. Specifically, we will present and discuss the dairy sector confronting steady low milk prices and market oversupply – including trade adversities, difficulties on labor shortage and undocumented workers, as well as facing increasing environment regulations from a waste management and emissions perspective.</i>		
Organizer: Hernan Tejada, University of Idaho		
Presenters: Rick Naerebout, CEO – Idaho Dairymen’s Association Shannon Niebergs; Professor, Extension Economist, Washington State University Hernan Tejada; Assistant Professor, Extension Specialist, Dairy & Livestock Economics, University of Idaho		

Morning Break – West CC Lobby**9:30 a.m. – 10:00 a.m.**

Paper Session 2
Monday 10:00 a.m. – 11:30 a.m.

Agricultural Finance		BAY 2
Moderator: Bruce Ahrendsen, University of Arkansas		
<i>Loan Modifications for Beginning Farmers in Financial Distress</i>	Bruce Ahrendsen, University of Arkansas; Charles Dodson, USDA/Farm Service Agency; Scot Burton, University of Arkansas	
<i>The Impact of Crop Insurance on Farm Financial Outcomes</i>	Nathan DeLay and Brady Brewer, Purdue University; Allen Featherstone, Kansas State University; David Boussios; USDA- ERS	
<i>A Stochastic Financial Analysis of Alternative Levels of Facility Investment Associated with Installing a Robotic Milking System</i>	Dillon Feuz, Utah State University; Ryan Feuz; Oklahoma State University; Allen Young, Utah State University	
<i>Extent and Determinants of Financial Inclusion Among Agricultural Producers In Ghana</i>	Fatima Mohammed, Illinois State University	

Consumer & Household Economics		BAY 1A
Moderator: Mina Hejazi, California State University-Chico		
<i>What Makes Food Label Use Different? A Non-hypothetical Choice Experiment</i>	Sang Hyeon Lee, Kangwon National University	
<i>The Importance of Pesticides' Maximum Residue Limits for California Fresh Produce and Tree Nuts Exports</i>	Mina Hejazi, California State University-Chico Jason Grant, Virginia Tech	
<i>Estimating Regional Energy Demands with Pre-commitments for the United States</i>	Kannika Duangnate, Senarath Dharmasena and James Mjelde, Texas A&M University	
<i>Food-Fuel Expenditure Elasticities and Implications for Food Security in Urban areas of Uganda</i>	Andrew Barkley and Florence Lwiza, Kansas State University	

Environmental & Resource Economics		BAY 1B
Moderator: Daniel Mooney, Colorado State University		
<i>Adjusting Undesirable Environmental Outputs in Agriculture Productivity in Great Plains</i>	Badri Khanal, Lilyan Fulginiti and Richard Perrin, University of Nebraska-Lincoln	
<i>Comparative Profitability of Water-Limited Irrigation Strategies under Risk Aversion</i>	Timothy Kelley, Daniel Mooney, Christopher Goemans, Dale Manning and Allan Andales, Colorado State University	
<i>Permian Basin Oil and Gas Development and Regional Water Quality</i>	Haoying Wang, New Mexico Tech	
<i>Crowding In and Out Between Public and Private Conservation Agents</i>	James Sanchirico and Bret Stevens; University of California-Davis	

Food & Agricultural Policy		NORTH CAPE BAY
Moderator: Yeon A Hong, Washington State University		
<i>Sodium-Reducing Impacts of Alternative Labels: Evidence from Online Experiment</i>	Yeon A Hong, Washington State University	
<i>Experimental Tests and Implications of Food Manufacturers' Alternative Front-of-Package Nutrition Labeling Practices</i>	Scot Burton and Bruce Ahrendsen, University of Arkansas	
<i>Grassland Initiative Impacts for Oklahoma Producers in the 2018 Agricultural Improvement Act</i>	Amy Hagerman, Dayton Lambert and Chellie Hogan, Oklahoma State University	
<i>North American Dairy Policy Puzzles: Do the Pieces Fit?</i>	Tristan Hanon and Daniel Sumner, University of California-Davis	

Production Economics & Farm/Ranch Management		KIDD ISLAND BAY
Moderator: Jon Biermacher, Noble Research Institute, LLC		
<i>Sources of growth across the Great Plains: accounting for environmental variability</i>	Federico Trindade, University of Washington; Lilyan Fulginiti and Richard Perrin, University of Nebraska, Lincoln	
<i>Economic Feasibility of Using Switchgrass Pastures for Grazing Rest Rotations & Production of Bioenergy Feedstock</i>	Steve Lira and Jon Biermacher, Noble Research Institute, LLC James Rogers, The Samuel Roberts Noble Foundation, Inc.	
<i>Potential Weather Data Anomalies and the USDA's Pasture, Rangeland, and Forage Insurance Program</i>	Ryan Bosworth, Brandon Willis, Chad Van Orden, Tanner McCarty and Ryan Larsen, Utah State University	
<i>Economic Potential of Adopting No-Till Establishment Practices and Cover Crops in Winter Wheat Systems Common to Oklahoma</i>	Jon Biermacher and Myriah Johnson; Noble Research Institute, LLC	

Paper Session 2
Monday 10:00 a.m. – 11:30 a.m.

Western Extension Committee Selected Presentations		BOARD ROOM 5ABC
Moderator: Kate Painter, University of Idaho		
<i>Use of Convergent Media in Agricultural Policy Extension Programming: A 2018 Farm Bill Application</i>	Amy Hagerman and Ruth Inman, Oklahoma State University	
<i>Evaluating Risk Strategies - a module on developing and evaluating risk management strategies in agriculture</i>	John Hewlett, University of Wyoming; Jay Parsons, University of Nebraska - Lincoln; Jeffrey Tranel, Colorado State University	
<i>Coordinating Western Extension Drought Management Programs</i>	Ruby Ward and Ryan Larsen, Utah State University	
<i>Hands-on Computer Based Financial Training for Beginning Farmers and Ranchers</i>	Ashlee Westerhold, University of Idaho	

Graduate Student Paper Competition Session 2		THE SHORE ROOM
Moderator: Wade Brorsen, Oklahoma State University		
<i>Willingness to Pay for Reindeer Meat Attributes: A Niche Market Study in Interior Alaska</i>	Nathaniel Burke, University of Arkansas Joseph Little, University of Alaska-Fairbanks	
<i>Measuring the Impact of Transitional Certification and Labeling on Organic Conversion Rates and Organic Price Premiums</i>	Ashley Spalding, University of California-Davis	
<i>Revealed Preferences of Food Shopping Environments for Farmers Market Shoppers, Online Respondents, and General Consumers: A Survey Experiment</i>	Elena Chin and Russell Tronstad, University of Arizona	
<i>Spatial Equilibrium Analysis of Chinese Tariff on US Cotton Exports</i>	Ethan Sabala, Texas Tech University	

LUNCH
Monday 11:45 a.m. – 1:15 p.m.
Bay 3



Keynote Speaker:
Dr. Robert Johansson, Chief Economist, USDA
“Economics at USDA – Past, Present and Future”

Dr. Robert Johansson serves as the Chief Economist at the Department of Agriculture (USDA). He has served in this role since July 2015. As Chief Economist, he is responsible for the Department's agricultural forecasts and projections and for advising the Secretary of Agriculture on economic implications of alternative programs, regulations, and legislative proposals. He is responsible for the Office of the Chief Economist, the World Agricultural Outlook Board, the Office of Risk Assessment and Cost-Benefit analysis, the Climate Change Program Office, the Office of Environmental Markets, the Office of Energy Policy and New Uses, and the Office of Pesticide Management Policy. Dr. Johansson received B.A. in economics from Northwestern University and then served with the U.S. Peace Corps as an extension agent in several African countries from 1990 to 1995. After returning to his home State of Minnesota, he entered the graduate program in Agricultural Economics at the University of Minnesota at received his M.S. in 1997 and Ph.D. in 2000. His research has spanned a wide range of issues, including biofuels policy, water quality and quantity policies, regulatory economics, food security, and regional modeling of agricultural systems.

**Paper and Organized Symposium Session 3
Monday 1:30 p.m. – 3:00 p.m.**

WAEA Organized Symposium		BAY 2
Risk Management Performance of the CME Feeder Cattle Futures Contract		
Organizers/Moderators: Ted Schroeder and Brian Coffey, Kansas State University		
<i>Overview of CME Feeder Cattle Contracts</i>	Justin Bina, Kansas State University	
<i>Limitations & Problems of CME Contracts for Hedgers</i>	Derrell Peel, Oklahoma State University	
<i>Industry Perspectives on CMF Feeder Cattle Contract Performance</i>	Brock Hough and Tim Brady, Agri Beef	
<i>CME Group Perspectives on Strengths & Challenges of Feeder Cattle Contracts</i>	Fred Seamon, CME Group	

Agribusiness		BAY 1A
Moderator: Alex Shanoyan, Kansas State University		
<i>Estimating Consumer Preferences for Biochar Using Best and Worst Scaling</i>	Yejun Choi and Dayton Lambert, Oklahoma State University; Kimberly Jensen, Christopher D. Clark, Burton C. English and McKenzie Thomas, University of Tennessee	
<i>Input markets, transaction costs and cropping decisions: Evidence from a randomized control trial in Mozambique</i>	Becatien Yao and Aleksan Shanoyan, Kansas State University	
<i>The Changing Landscape of California Agriculture: Implications of Increasing Regulatory Costs</i>	Lynn Hamilton and Michael McCullough, Cal Poly Duncan MacEwan; ERA Economics, LLC	
<i>Estimating Processors' Willingness to Consider New Business Opportunities: Niche Meat Livestock Production in Colorado</i>	Daniel Mooney, Miles Rollison, Martha Sullins Dawn Thilmany and Becca Jablonski, Colorado State University	

Agrimarketing, Demand and Price Analysis		BAY 1B
Moderator: Dillon Feuz, Utah State University		
<i>The Relationship of Cattle on Feed Weight Placements and Marketings</i>	Katelyn McCulloch and James Robb, Livestock Marketing Information Center	
<i>"Udderly" Shocking: Exploring the beef breed and Holstein steer price spread</i>	Melissa McKendree, Michigan State University	
<i>Direct Marketing and Preferences for Insurance</i>	Cristina Connolly, Cal Poly	
<i>Forecasting Nebraska Feeder Steer Prices Using a Futures Plus Basis Forecast Compared to a Simple Econometric Forecast</i>	Grace Gibbons and Dillon Feuz, Utah State University	

International Trade and Development		NORTH CAPE BAY
Moderator: Diya Ganguly, University of Nebraska-Lincoln		
<i>The role of Gender in explaining Agricultural Efficiency in India</i>	Diya Ganguly, University of Nebraska-Lincoln	
<i>Global Agricultural Value Chains and Structural Transformation</i>	Sunghun Lim, University of Minnesota	
<i>The Food Security Implications from GM Maize Adoption in South Africa</i>	Lawton Nalley, University of Arkansas; Jesse Tack, Kansas State University; Aaron Shew, Arkansas State University; Petronella Chaminuka and Zira Mavunganidze, South African Agricultural Research Council	
<i>Guatemalan Farmer Perceptions of Best Potato Production Practices: Using Cognitive Mapping</i>	Catherine Chan, University of Hawaii at Manoa; Jacqueline Chan-Dentoni, Themochico; Patricia Laporte and Brent Sipes, University of Hawaii at Manoa; Haddish Melakeberhan, Michigan State University; Amilcar Sanchez and Alfredo Mejia; University of Santa Cruz Guatemala	

Production Economics & Farm/Ranch Management		KIDD ISLAND BAY
Moderator: Tim Delbridge, Cal Poly		
<i>Enhancing Productivity in the Agricultural Sector: The Case of Potato Farmers in Western Guatemala</i>	Rupenanda Widanage, University of Hawaii at Manoa/CTAHR Catherine Chan and Brent Sipes; University of Hawaii at Manoa Haddish Melakeberhan, Michigan State University; Amilcar Sanchez and Alfredo Mejia, University of Santa Cruz Guatemala	
<i>Economic Impact of Lygus Bugs on California Strawberry Producers</i>	Tim Delbridge; Cal Poly	
<i>Effect of increased temperatures on Yield for Robusta Coffee in Uganda</i>	Andrew Barkley and Florence Lwiza, Kansas State University	
<i>Economic Analysis of Vegetable Production in the Texas High Plains</i>	Bridget Guerrero, West Texas A&M University Charles Rush and James Gray, Texas A&M AgriLife Research Tanner Robertson, West Texas A&M University	

Invited Symposium - Western Extension Committee	BOARD ROOM 5ABC
Blockchain: Implications for Agriculture	
<i>This symposium will offer a general introduction what blockchain is and how it might be used to improve transparency through production-wholesale-retail-consumer chain. In addition, it will shed some light on important issues of data ownership, data access, how blockchain might be used to address compliance and verification, offer a two-way information system between producers and consumers, as well as implications for smart contracts and much more.</i>	
Moderator: Kynda Curtis, Utah State University	
Presenters:	
Will Secor: CoBank – Denver	
Rob Jennings: BeefChain.io - Cheyenne, WY	

Various Topics in Agricultural Economics	THE SHORE ROOM
Moderator: Ashley Spalding, University of California-Davis	
<i>Consumer Demand and Marketing Strategies for Locally-Produced Foods: A Retail Labeling Experiment</i>	Ashley Spalding and Kristin Kiesel, University of California-Davis
<i>Fraud on the tip of the tongue: online review manipulations in the restaurant industry</i>	Guang Tian, Liang Lu and Jason Winfree, University of Idaho
<i>Learning to Love Broccoli: The Impact of School-based Interventions on Children's Attitudes, Knowledge and Food Choices</i>	Ashley Spalding and Kristin Kiesel, University of California-Davis
<i>Inadvertent returns through crop insurance contract selection</i>	Sankalp Sharma, Kent State University at Tuscarawas Cory Walters, University of Nebraska-Lincoln

Afternoon Break 3:00 p.m. – 3:30 p.m.
West CC Lobby

Paper and Organized Symposium Session 4	
Monday 3:30 p.m. – 5:00 p.m.	
WAEA Organized Symposium	BAY 2
Multisectoral Livestock Biosecurity and Surveillance	
Organizer: Ashley Railey, Washington State University	
<i>Enhancing livestock vaccination decision-making through rapid diagnostic testing</i>	Ashley Railey, Washington State University
<i>Role of Packers & Processors in Livestock Biosecurity Effort</i>	Glynn Tonsor, Kansas State University; Lee Schulz, Iowa State University
<i>Diagnostic testing for anaplasmosis in cattle</i>	Thomas L. Marsh, Washington State University
<i>Discussant</i>	Kamina Johnson, USDA-APHIS

**Paper and Organized Symposium Session 4
Monday 3:30 p.m. – 5:00 p.m.**

Consumer & Household Economics		BAY 1A
Moderator: Cory Walters, University of Nebraska-Lincoln		
<i>Consumers' Willingness to Pay for Disposable Dinnerware Molded from Wheat Straw</i>	MacKenzie Gill, Kimberly Jensen, Sreedhar Upendram, Niki Labbe and Burton C. English, University of Tennessee; Sam Jackson, Genera Energy Inc.; Dayton Lambert, Oklahoma State University	
<i>The Effect of Marketing Discolored Beef on Consumer Preferences for Non-discolored Beef</i>	Ryan Feuz, Bailey Norwood and Ranjith Ramanathan, Oklahoma State University	
<i>U.S. consumers' willingness to pay for pork produced with minimal and non-use of antibiotics</i>	Bindu Paudel, Aniruddha Roy and Deepthi Kolady, South Dakota State University	
<i>What Credence Production Attributes Do Consumers Prefer? The Case of Milk</i>	Emmanouil Petrakis, Kathleen Brooks and Taro Mieno, University of Nebraska-Lincoln	

Community & Regional Economics		BAY 1B
Moderator: Unsuspecting Volunteer		
<i>Estimating the Efficiency of Broadband Adoption Using Data Envelopment Analysis: An Application to the State of Texas</i>	Jacob Manlove, Tarleton State University	
<i>Do locally-procured items increase fresh fruit and vegetable consumption? Evidence from a Colorado in-school experiment.</i>	Marco Costanigro, Becca Jablonski and Abby Long, Colorado State University; Melissa Prescott, University of Illinois	
<i>Good Job, Bad Job: Decomposing Regional Wage Differences Into, Within and Across Sector Components</i>	Philip Watson and Liang Lu, University of Idaho	

Environmental & Resource Economics		NORTH CAPE BAY
Moderator: Shannon Ferrell, Oklahoma State University		
<i>Second generation biogas market in Mexico</i>	Hector Nunez, Centro de Investigación y Docencia Económicas	
<i>Forecasts of U.S. National Park Service Unit Visitation: A Determination of Methods, Sample Selection, and Assessment of Forecast Errors</i>	Stephen Koontz, Colorado State University Christopher Huber, U.S. Geological Survey	
<i>Extension Education for Renewable Energy Development of Agricultural Lands</i>	Shannon Ferrell, Oklahoma State University	

Quantitative & Research Methods		KIDD ISLAND BAY
Moderator: Mark Eiswerth, University of Northern Colorado		
<i>Bayesian Spatial Quantile Model for County Specific Density Estimation in Crop Insurance Rating</i>	Eunchun Park, Mississippi State University; Sunjin Ahn, Oklahoma State University	
<i>Climate Change and the Social Cost of Carbon</i>	Mark Eiswerth, University of Northern Colorado; Gerrit van Kooten, University of Victoria	
<i>Spatial Differences in the Distributional Impacts of the Federal Crop Insurance</i>	Charalampos Mavroutsikos, Cory Walters and Konstantinos Giannakas, University of Nebraska-Lincoln	
<i>A Laboratory Comparison of Risk Mitigation Strategies in Conservation Markets</i>	Kristiana Hansen, Chian Jones Ritten, Amy Nagler and Christopher Bastian, University of Wyoming	

Western Extension Committee Selected Presentations		BOARD ROOM 5ABC
Moderator: Ryan Larsen		
<i>Beef Prices at Texas Farmers Markets and Retail Outlets.</i>	Rebecca Kirkpatrick, David Anderson and Joe Outlaw, Texas A&M University	
<i>Nonlinear Effects of Weather on Cattle Health and Performance</i>	Elliott Dennis, Jesse Tack, Ted Schroeder and Brad White, Kansas State University	
<i>Examining Price Differences Between Fed Steers and Heifers</i>	Brogan Horton, David Anderson and Joe Outlaw, Texas A&M University	
<i>Economics of Creep Feeding Beef Calves in the Nebraska Sandhills</i>	Devin Broadhead and Matthew Stockton, University of Nebraska	

Tuesday, July 2
Breakfast 7:00 – 8:30 a.m., Bay 3

Paper Session and Symposium Session 5
8:00 a.m. – 9:30 a.m.

Agrimarketing, Demand & Price Analysis	THE SHORE ROOM
Moderator: Jo Ann Warner, Washington State University	
<i>Effects of Growing Conditions Variation in India on US Chickpea Prices</i>	Patrick Hatzenbuehler and Xiaoxue Du, University of Idaho; Kathleen Painter, University of Idaho Extension
<i>Is Fresh Produce at Farmers' Markets Really More Expensive?</i>	Karli Salisbury, Kynda Curtis, Veronica Pozo, Ruby Ward and Carrie Durward, Utah State University
<i>San Joaquin Valley Crops Prices on Land Allocation: A Differential Model Panel Data Application</i>	Serhat Asci, California State University-Fresno
<i>Feasibility of a Local Food Center: A Discrete Choice Analysis</i>	Russell Tronstad and Elena Chin, University of Arizona

Community & Regional Economics	BAY 1A
Moderator: Unsuspecting Volunteer	
<i>Are Rural Area Economies Less Diverse? An Evaluation and Comparison of Results from the Pacific Northwest and the Southeast</i>	David Hughes, University of Tennessee David Willis, Clemson University
<i>Impacts of Assessment Methods and Policy Constraints on Ad Valorem Tax Revenues from Wind Energy Projects</i>	DaLacy Dockrey, Shannon Ferrell and Garrett Reed, Oklahoma State University
<i>Political jurisdiction, reputation and urban form: a more complete specification of public service costs</i>	Scott Lieske, University of Queensland Roger Coupal and Don McLeod, University of Wyoming

Experimental & Behavioral Economics/Other Topics	BAY 1B
Moderator: Alexander Maas, University of Idaho	
<i>Other-regarding Behavior when Common Pool Resources Have Tipping Points</i>	Alexander Maas, University of Idaho; Stephan Kroll and Christopher Goemans, Colorado State University; Jason Winfree, University of Idaho
<i>Crime, Money Laundering, and the Seizure of Assets in Illegal Product Markets</i>	Chian Jones Ritten, Christopher Bastian and Owen Phillips, University of Wyoming
<i>Effect of Migrant Workers on Domestic Wage in South Korea: An Analysis with Firm-Level Panel Data</i>	JooHun Han, Oklahoma State University
<i>A Study of the Chinese Retaliatory Tariffs on Tree Nuts and its Impact on Central Valley of California</i>	Srini Konduru and Serhat Asci, California State University-Fresno

Extension & Production Economics	NORTH CAPE BAY
Moderator: Gregory Ibendahl, Kansas State University	
<i>Probability of Successful Farm Transition Strategies Subject to Time, Equity, and Cash Flow Constraints</i>	Garrett Reed, Shannon Ferrell, Rodney Jones and Eric DeVuyst, Oklahoma State University
<i>Predicting Fertilizer Prices</i>	Gregory Ibendahl, Kansas State University
<i>Video Calf Prices in the U.S. West: Location, Risk Management and Other Value Considerations</i>	Stephen R. Koontz, Daniel Mooney, Jason Ahola and Meredith Harrison, Colorado State University

Production Economics & Farm/Ranch Management	KIDD ISLAND BAY
Moderator: Shannon Neibergs, Washington State University	
<i>Farm-Level Implications of adopting BECCS in the Upper Missouri River Basin</i>	Eilish Hanson, Amy Nagler and John Ritten, University of Wyoming
<i>Economic Impact of a Bovine Babesiosis Outbreak</i>	Natalie Graff; Agricultural and Food Policy Center, Texas A&M University; David Anderson, Justin Benavidez, Joe Outlaw and Brian Herbst; Texas A&M University
<i>The Nuts and Bolts of Agricultural Equipment and the Farm Economy</i>	Micah Newton, Joe Outlaw, Henry Bryant, George Knapek, Texas A&M University; J. Raulston; AFPC - Texas A&M University
<i>The role of the sampling distribution of a soil signal for an ex-ante evaluation of precision agriculture</i>	Pedro Queiroz, Richard Perrin and Lilyan Fulginiti, University of Nebraska; Felipe de Figueiredo Silva, University of California-Berkeley

Western Extension Committee Symposium

BOARD ROOM 5ABC

Addressing Transition Planning Challenges for Farms and Ranches

This symposium will address a number of the challenges surrounding the farm transition process along with potential solutions, and will also facilitate dialogue among participants about how members of the teaching, research, and extension communities of practice can engage with farmers and ranchers to enhance the success of transitions.

Moderator: Ashlee Westerhold**Presenters:****Shannon L. Ferrell**, Professor, Agricultural Law, Oklahoma State University**J.C. Hobbs**, Associate Extension Specialist, Oklahoma State University**Guido van der Hoeven**, Extension Specialist and Senior Lecturer, North Carolina State University**Tuesday Morning Break 9:30 a.m. – 10:00 a.m.****West CC Lobby****WAEA General Session: 10 a.m. – 11:45 p.m.****The Shore Room****WAEA Business Meeting****2019 WAEA Presidential Address: Christian Bastian, University of Wyoming**
“Evolution Toward Private Negotiation as a Dominant Institution in Agribusiness Supply Chains: Implications, Challenges, and Opportunities”

Dr. Christopher Bastian is a professor in the Department of Agricultural and Applied Economics at the University of Wyoming. He served as the Agricultural Marketing Specialist from 1993 to 2005, and delivered extension education to agricultural producers in Wyoming and the West related to commodity marketing, integrated resource management, value-added agriculture and risk management. He currently teaches Farm and Ranch Management, Agribusiness Management, Agricultural Commodities and Futures Markets, and a graduate course titled Advanced Agricultural Market Theory. His scholarly work, appearing in 1 book, 3 book chapters, 78 journal articles, and 88 reviewed outreach/extension publications, has largely focused on production, marketing, risk management, and natural resource issues affecting agricultural producers. He is currently the recipient of the UW College of Agriculture Paul Lowham Professorship, and he has multiple Extension Awards for group programs from the American Agricultural Economics Association and the Western Agricultural Economics Association. He, along with his coauthors, received the WAEA Outstanding Published Research Award in 2014.

WAEA Awards Luncheon**Tuesday 12:00 p.m. – 1:00 p.m.****Bay 3****Western Extension Committee****Agribusiness Field Trip****1:30 p.m. – 8:00 p.m.**

Western Extension Committee Poster Session
Sunday, June 30 - Tuesday, July 2
Bay 3

<i>Ag Legacy</i>	John Hewlett, Caleb Cater, Cole Ehmke, University of Wyoming
<i>It Started in the West: Cooperative Effort Addressing Livestock Marketing Outreach and Applied Research</i>	James Robb and Katelyn McCulloch, Livestock Marketing Information Center; Lee Schulz, Iowa State University; Scott Brown, University of Missouri; Glynn Tonsor, Kansas State University
<i>Oilseeds, cover crops, pulses, fallow? Maximizing gains while minimizing losses with your choice of rotational crops in 2019</i>	Kathleen Painter, Ken Hart and Doug Finkelnburg, University of Idaho
<i>What's Under Your Feet? Using the Web Soil Survey to learn more about the soil on your farm</i>	Kathleen Painter, University of Idaho Gray Henderson, University of Missouri
<i>Farmer to Farmer Mentoring: Multi-Media Case Studies Build Adaptive Capacity for Producers Across the Inland Pacific Northwest</i>	K. Painter, University of Idaho; G. Yorgey, Center for Sustaining Agriculture and Natural Resources; K. Borelli, Penn State University; D. Roe, Washington State University; E. Brooks, C. Kruger, D. Finkelnburg, University of Idaho; S. Kantor, Center for Sustaining Agriculture and Natural Resources
<i>Reaching Underserved Agricultural Operators in America's West Through A Conference Series</i>	Cole Ehmke, University of Wyoming John Hewlett, University of Wyoming
<i>A Discrete Choice Analysis of Food Shopping Attributes Desired in Yavapai County, AZ</i>	Chin Chia-Yi (Elena), Russell Tronstad and Satheesh Aradhyula, University of Arizona
<i>Ag Help Wanted</i>	John P. Hewlett, University of Wyoming Jeffrey E. Tranel, Colorado State University Trent Teegerstrom, University of Arizona
<i>Enterprising Rural Families</i>	John P. Hewlett, Randolph R. Weigel and William R. Taylor, University of Wyoming
<i>RIGHTRISK</i>	John P. Hewlett, University of Wyoming Jay Parsons, University of Nebraska - Lincoln Jeffrey E. Tranel, Colorado State University
<i>Growers' Needs Assessment Data and Research & Extension Programming in San Diego County, California</i>	Ramiro E. Lobo, Vikram Koundinya, Janis Gonzales and Wei Qing Xu, University of California -Davis
<i>A Computer Decision Tool for the Irrigated Pasture Investment Decision</i>	Miles Rollison, Daniel Mooney, Marshall Fraiser, Joe Brummer and Ryan Rhoades, Colorado State University

Hope to see you in Santa Fe!

2020 WAEA Annual Meeting

LaFonda on the Plaza

Santa Fe, New Mexico

June 28-30, 2020