



WESTERN AGRICULTURAL
ECONOMICS ASSOCIATION



**2022 WESTERN AGRICULTURAL
ECONOMICS ASSOCIATION
Santa Fe, New Mexico
June 26 – June 28, 2022**

Annual Meeting Program as of June 15, 2022

Sunday, June 26

1:00 p.m. – 5:00 p.m.	Registration Portal
1:00 p.m. – 3:00 p.m.	Western Extension Committee Business Meeting Santa Fe
3:15 p.m. – 5:00 p.m.	WAEA Executive Council Meeting Santa Fe
6:30 p.m. – 8:30 p.m.	Evening Reception La Terraza / Garden Terrace

Monday, June 27

Breakfast: 7:00 a.m. – 8:00 a.m.

La Terraza / Garden Terrace

Registration

Mezzanine

8:00 a.m. – 12:00 p.m.

Paper and Symposium Session 1

Monday 8:00 a.m. – 9:30 a.m.

Carbon and Conservation	NEW MEXICO
Moderator: <i>Alexander J Wilson (New Mexico State University)</i>	
<i>Quantifying Drivers of Conservation Practice Adoption and Diffusion by New Mexican Farmers and Ranchers</i>	<i>Alexander J Wilson (New Mexico State University); Jay Lillywhite (New Mexico State University)</i>
<i>The Cost of On-Farm Carbon Sequestration: The Impact of Climate Heterogeneity on Producers Willingness to Accept</i>	<i>Grant E Gardner (Kansas State University)</i>
<i>Impact of Conservation Programs on Greenhouse Gas Emission Reductions from Agricultural Lands in the Southern Plains</i>	<i>Edwin Coleman (Oklahoma State University); Bailey Norwood (Oklahoma State University)</i>

Consumer Demand	EXCHANGE
Moderator: <i>Deepthi E Kolady (South Dakota State University)</i>	
<i>Impact of consumer attitudes towards climate change on preferences for carbon-friendly beef</i>	<i>Mariam Isaq (SDSU); Deepthi E Kolady (South Dakota State University); Carola Grebitus (Arizona State University)</i>
<i>Consumer's willingness to pay for a plant-based coated produce: A solution to reduce household food waste</i>	<i>Alwin Dsouza (Arkansas Tech University); Di Fang (University of Arkansas); Wei Yang (University of Arkansas); Nathan P Kemper (University of Arkansas); Rudolfo M. Nayga (Texas A & M)</i>
<i>Savor the Flavor: Consumer Preferences and Marketing of New Mexico Red Chile and Red Chile Products</i>	<i>Gracie Hooten (New Mexico State University); Chadelle Robinson (New Mexico State University)</i>

Paper and Symposium Session 1 Monday 8:00 – 9:30 a.m.	
Commodity Price Analysis	
LUMPKINS BALLROOM, NORTH	
Moderator: <i>Patrick Hatzenbuehler (University of Idaho Extension)</i>	
<i>Does variation among Commodity Exchange Price Provisions create production incentives for wheat producing regions in the United States?</i>	<i>Katelin Swanson (Washington State University); Jeff Luckstead (Washington State University); Randall Fortenbery (Washington State University)</i>
<i>Marketing between Two Demand Sources: Pacific Northwest US Wheat Price Dynamics</i>	<i>Patrick Hatzenbuehler (University of Idaho Extension); Dan O'Brien (Kansas State University); Hernan Tejeda (University of Idaho)</i>
<i>Would an AI Market Analyst Be as Surprised by USDA Stock Reports as Private Market Analysts Are?</i>	<i>Asif Mahmud Chowdhury (South Dakota State University); Matthew Elliott (South Dakota State University)</i>

Crop Insurance	
LUMPKINS BALLROOM, SOUTH	
Moderator: <i>Natalie Graff (Texas A&M University)</i>	
<i>Producer Heterogeneity, Insurance Decisions and Impacts of Crop Insurance</i>	<i>Charalampos Mavroutsikos (University of Nebraska-Lincoln); Konstantinos Giannakas (University of Nebraska-Lincoln); Cory Walters (University of Nebraska - Lincoln)</i>
<i>Evaluating the Projected Impact of choosing STAX in Texas Instead of ARC or PLC</i>	<i>Henry R Nelson (Texas A&M University); Joe Outlaw (Texas A&M University); Bart Fischer (Texas A&M University); Marc Raulston (Texas A&M University); George Knappek (Texas A&M University)</i>
<i>Could SCO Be a Viable Shallow Loss Alternative?</i>	<i>Natalie Graff (Texas A&M University); Joe Outlaw (Texas A&M University); Bart Fischer (Texas A&M University); Marc Raulston (Texas A&M University); George Knappek (Texas A&M University)</i>

WAEA Graduate Student Competition, Session I	
STIHA	
Moderators: <i>Chris Bastian (Univ. of Wyoming), Karina Schoengold (Univ. of Nebraska), and Mykel Taylor (Auburn Univ.)</i>	
<i>State of Depletion: An empirical analysis of groundwater use on State Trust Lands</i>	<i>Mostafa Shartaj (Colorado State University); Jordan Suter (Colorado State University)</i>
<i>How Consumers' Beliefs about Product Price, Taste, and Health affect their Product Consideration?</i>	<i>Henriette Gitungwa (University of Nebraska-Lincoln); Christopher Gustafson (University of Nebraska-Lincoln)</i>
<i>Does temporary land retirement promote organic adoption? Evidence from expiring Conservation Reserve Program Contracts</i>	<i>Hannah Wing (Montana State University)</i>

Invited Symposium - Western Extension Committee	
SANTE FE	
<i>Estate Tax Issues and Land Values in the West</i>	
Organizer/Moderator: <i>Ruby Ward (Utah State University)</i>	
Presenters/Panelists: Ruby Ward (Utah State University) Adam Kantrovich (Clemson University) JC Hobbs (Oklahoma State University)	

**Morning Break: Mezzanine
9:30 a.m. – 10:00 a.m.**

Paper and Symposium Session 2 Monday 10:00 a.m. – 11:30 a.m.	
WAEA Organized Symposium	NEW MEXICO
AgriScience Contests to Connect High Achieving Rural Youth to University Faculty	
Organizer: <i>Maryfrances Miller, New Mexico State University</i>	
Presenters/Panelists:	Maryfrances Miller, New Mexico State University
	Jan Klinger, Tucumcari FFA Teacher and AgriScience Coach
	Mikayla Klinger, Tucumcari FFA Freshman and 2021 National FFA AgriScience co-winner
	Luis Ramos-Coronado, New Mexico State University
	LaJoy Spears, New Mexico State University

Food Security	EXCHANGE
Moderator: <i>Justin Bina (Kansas State University)</i>	
<i>Impacts of COVID-19 Federal Aid and Financial Sentiment on Food Expenditures</i>	<i>Justin Bina (Kansas State University); Glynn Tonsor (Kansas State University); Brian Briggeman (Kansas State University)</i>
<i>Assessment of Food Security in the US: Before and After Covid-19 Pandemic</i>	<i>Sushil C Sapkota (New Mexico State University); Ram N Acharya (New Mexico State Uni); Stephanie Rogus (New Mexico State University)</i>
<i>Food Insecurity and Consumption of Fresh Produce in Central Valley of California</i>	<i>Srinivasa Konduru (California State University, Fresno); Serhat Ascı (California State University, Fresno)</i>

Production and Farm/Ranch Management	LUMPKINS BALLROOM, NORTH
Moderator: <i>Katie Welch (Oklahoma State University)</i>	
<i>Tax Incidence on Oklahoma Pasture and Cropland Rental Rates</i>	<i>Katie Welch (Oklahoma State University); Dayton Lambert (Oklahoma State University); Notie Lansford (Oklahoma State University)</i>
<i>Managing Risk with Crop Insurance: What Can We Learn from a Producer Competition?</i>	<i>Hannah E Shear (Oklahoma State University); Lixia Lambert (Oklahoma State University)</i>
<i>Productivity impacts of crop insurance for Nebraskan farmers</i>	<i>Adauto B Rocha Junior (University of São Paulo); Lilyan Fulginiti (University of Nebraska-Lincoln); Richard Perrin (University of Nebraska-Lincoln); Cory Walters (University of Nebraska - Lincoln)</i>

International Trade and Development	LUMPKINS BALLROOM, SOUTH
Moderator: <i>William Ridley (University of Illinois at Urbana-Champaign)</i>	
<i>Brazilian Soybean Expansion and the U.S. Soybean Exports</i>	<i>Sunil P Dhoubhadel (Prairie View A&M University); Ridley, William (University of Illinois); Stephen Devadoss (Texas Tech University); Jeffrey Luckstead (Washington State University)</i>
<i>Market Dynamics in Global Cotton Trade: The Rise of Brazil and the US-China Trade War</i>	<i>William Ridley (University of Illinois at Urbana-Champaign); Stephen Devadoss (Texas Tech University)</i>
<i>The Effects of Freer Trade on Global Agriculture</i>	<i>Nathan F Holtman (Texas Tech University); Angel Aguiar (Purdue University); Stephen Devadoss (Texas Tech University)</i>
<i>Dairy Consumption in Armenia and Implications of Trade Policies for Consumer Welfare</i>	<i>Vardges Hovhannisyan (University of Wyoming); Vardan Urutyán (Armenian National Agrarian University)</i>

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

WAEA Graduate Student Competition, Session II		STIHA
Moderators: <i>Chris Bastian (Univ. of Wyoming), Karina Schoengold (Univ. of Nebraska), and Mykel Taylor (Auburn Univ.)</i>		
<i>The Impact of Confined Animal Feeding Operations on Agricultural Land Values in Kansas</i>	<i>Raymond J Thomas (Kansas State University); Dustin Pendell (Kansas State University); Mykel Taylor (Auburn University); Matthew Myers (Kansas State University)</i>	
<i>Effects of Endorsement Length and Coverage Level on the Probability of Positive Net Returns for Livestock Risk Protection Insurance on Feeder Cattle</i>	<i>Logan Haviland (Utah State University); Ryan Feuz (Utah State University)</i>	
<i>Detecting bubbles for Iowa farmland: spatial specification tests applied to capitalization ratio</i>	<i>Allan F. Pinto (Kansas State University); Terry Griffin (Kansas State University)</i>	
<i>Drought, Crop Yield and Outmigration, County-level Evidence from the U.S.</i>	<i>Farjana Ahmed (Colorado State University)</i>	

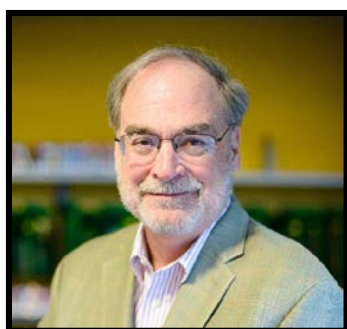
Western Extension Committee Selected Presentations		SANTA FE
Moderator: <i>Becca Jablonski (Colorado State University)</i>		
<i>Effects of Incomplete Consideration of Consumer Products on Valuation Estimates.</i>	<i>Henriette Gitungwa (University of Nebraska-Lincoln); Christopher Gustafson (University of Nebraska-Lincoln)</i>	
<i>The Likelihood of New Mexico Livestock Producers to Utilize Mobile Slaughter on their Farm or Ranch</i>	<i>Jorgianna Calderon (New Mexico State University); Chadelle Robinson (New Mexico State University)</i>	
<i>Local Food Systems Response to COVID: Highlights from Two National Surveys</i>	<i>Dawn Thilmann, Mackenzie Gill, Jarius Rossi, and Becca Jablonski (Colorado State University)</i>	

**Monday LUNCH
11:45 a.m. – 1:15 p.m.
La Terraza / Garden Terrace**

Keynote Speaker:

Dr. James MacDonald, University of Maryland

“Consolidation, Concentration, and Competition in Livestock Markets”



Dr. James MacDonald is Research Professor at the University of Maryland. Prior to joining the University in 2020, he was a senior economist and branch chief at the Economic Research Service of the U.S. Department of Agriculture. He has published widely on the topics of consolidation in agriculture, technology adoption in agriculture, and competition in the US food system, and has extensive experience in the design and execution of farm surveys. He is a Fellow of the Agricultural and Applied Economics Association, and a three-time winner of the Secretary’s Abraham Lincoln Honor Award at the US Department of Agriculture. Jim received his Ph.D, in economics, from the State University of New York at Buffalo, and his bachelor’s degree, also in economics, from Siena College.

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

WAEA Organized Symposium		NEW MEXICO
Livestock Mandatory Reporting for Fed Cattle: Adapting to a Rapidly Changing Market		
Organizers: <i>Brian Coffey (Kansas State Univ.), Lee Schulz (Iowa State Univ.), and Ted Schroeder (Kansas State Univ.)</i>		
Presenters/Panelists:	Lee Schulz (Iowa State University)	
	Surcy Peoples (J2 Livestock Ventures, LLC & Central Stockyards)	
	Brady Miller (Texas Cattle Feeders Association)	
	Taylor Wiseman (U.S. Senate Committee on Agriculture, Nutrition, and Forestry)	
	Brian Coffey (Kansas State University)	

Agricultural Finance		EXCHANGE
Moderator: <i>Phil Kenkel (Oklahoma State University)</i>		
<i>Does Use of Nontraditional Credit Increase Risk?</i>	<i>Charles Dodson (U.S. Department of Agriculture Farm Production and Conservation); Bruce L Ahrendsen (University of Arkansas Division of Agriculture); Gianna Short (U.S. Department of Agriculture Farm Production and Conservation); Scot Burton (University of Arkansas)</i>	
<i>Sensitivity Analysis of USDA's Farm Income Baseline Projections</i>	<i>Madhav Regmi (New Mexico State University)</i>	

Production and Price Analysis: Beef/Livestock		LUMPKINS BALLROOM, NORTH
Moderator: <i>Grace A Baxter (Oklahoma State University)</i>		
<i>Influence of Wagyu Beef Genetics on Producer Price</i>	<i>Grace A Baxter (Oklahoma State University); Kellie Curry Raper (Oklahoma State University)</i>	
<i>The Economics of Genetics in the Cow/Calf Sector</i>	<i>Wade Brorsen (Oklahoma State University); Greg Garrison (Oklahoma State University); Jon T Biermacher (Oklahoma State University); Eric DeVuyst (Oklahoma State University); Evan Whitley (Oklahoma State University)</i>	
<i>Estimating Value Traits of Bulls: Applications of Hedonic Regression Analysis</i>	<i>Kishore Joseph (UW Platteville); Alicia prill-Adams (UW Platteville)</i>	

Retail Marketing and Health		LUMPKINS BALLROOM, SOUTH
Moderator: <i>Scot Burton (University of Arkansas)</i>		
<i>Impact of Mergers and Acquisitions in Food Retailing Industry on Shopping Basket Prices in California</i>	<i>Richard Volpe (Cal Poly State University, San Luis Obispo); Xiaowei Cai (Cal Poly State University, San Luis Obispo); Benjamin Scharadin (Colby College); Alexander Stevens (USDA ERS)</i>	
<i>Effects of Food Package Processing Claims and Ultra-Processed Stop Sign Disclosures on Disease Risk, Health Perceptions, and Purchase Intentions for Ultra-Processed Foods</i>	<i>Scot Burton (University of Arkansas); Bruce L Ahrendsen (University of Arkansas Division of Agriculture); Garrett Rybak (University of Arkansas)</i>	
<i>The impact of discounting behavior and active consideration of health on the nutritional quality of food choices: Evidence from an online experiment</i>	<i>Olivier Tuyizere (University of Nebraska-Lincoln); Christopher Gustafson (University of Nebraska-Lincoln)</i>	

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

Irrigation		STIHA
Moderator: <i>Haoying Wang (New Mexico Tech)</i>		
<i>Economic Potential of Regenerative Production Systems for Water-Limited Cropland Acres</i>	<i>Steve Lira (US Department of the Interior); Jon T Biermacher (Oklahoma State University); Jim Johnson (Noble Research Institute)</i>	
<i>The impact of dairy operations on surrounding cropland use and irrigation water demand in the New Mexico High Plains</i>	<i>Haoying Wang (New Mexico Tech)</i>	
<i>Efficiency Measurement of Irrigated Land Area in the High Plains Aquifer</i>	<i>Bruno Chaves Morone Pinto (University of Nebraska); Lilyan Fulginiti (University of Nebraska-Lincoln); Richard Perrin (University of Nebraska-Lincoln)</i>	

Invited Symposium - Western Extension Committee		SANTA FE
Supply Chain Issues and Meat Packing Plants		
Organizers: <i>Russ Tronstad (University of Arizona) and Hernan Tejada (University of Idaho)</i>		
Presenters/Panelists:		
Wade Small (Agribeeff)		
Tim Petersen (Natures Fed Beef)		
Rex Hoagland (CSI Beef Packers)		
Russ Tronstad (University of Arizona)		
Hernan Tejada (University of Idaho)		

Afternoon Break: 3:00 p.m. – 3:30 p.m.
Mezzanine

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

WAEA Organized Symposium		NEW MEXICO
Economic and Legal Considerations with Carbon Markets		
Organizer: <i>Paul Goeringer, University of Maryland</i>		
Presenters/Panelists:	Jordan Shockley, University of Kentucky	
	Justin Benavidez, Texas A&M AgriLife Extension	
	Tiffany Lashmet, Texas A&M AgriLife Extension	

Environmental and Resource Economics		EXCHANGE
Moderator: <i>Adauto B Rocha Junior (University of São Paulo)</i>		
<i>Camping in Clearcuts: the impacts of timber harvesting on USFS campground utilization</i>	<i>Kelly C Wallace (Colorado State University)</i>	
<i>Integrated Crop-Livestock vs. Specialized Farming Systems in Nebraska: A Comparative Analysis of Technical Efficiency</i>	<i>Maroua Ms. Afi (University of Nebraska Lincoln); Jay Parsons (University of Nebraska - Lincoln)</i>	
<i>Economic and environmental impacts of pastures recovery in Brazil</i>	<i>Adauto B Rocha Junior (University of São Paulo); Giovanni Gianetti (ESALQ/USP); Joaquim Ferreira Filho (ESALQ/USP)</i>	

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

Agricultural Marketing and Price Analysis		LUMPKINS BALLROOM, NORTH
Moderator: <i>Scott W Fausti (California State Univ. Monterey Bay)</i>		
<i>Daily Fed Cattle Negotiated Cash Price Symmetries</i>	<i>Christopher Boyer (University of Tennessee); Charles Martinez (University of Tennessee); Josh Maples (Mississippi State University); Justin Benavidez (Texas A&M AgriLife Extension)</i>	
<i>Regional Fed Cattle Negotiated Cash Prices Response to Packer Margins</i>	<i>Charles Martinez (University of Tennessee); Christopher Boyer (University of Tennessee); Pengzhen Li (University of Tennessee); T. Edward Yu (University of Tennessee); Josh Maples (Mississippi State University)</i>	
<i>An Evaluation of Supply Chain Disruptions on Alternative Marketing Arrangement Decisions of Fed Cattle Producers</i>	<i>Scott W Fausti (California State Univ. Monterey Bay); Evert Van der Sluis (South Dakota State University); Matthew Diersen (South Dakota State University)</i>	
<i>Hedonic Modeling to Describe Formula Base Price Variation and Facilitate Fed Cattle Market Transparency</i>	<i>Sheppard G. Rogers (Kansas State University); Ted Schroeder (Kansas State University); Brian Coffey (Kansas State University); Glynn Tonsor (Kansas State University)</i>	

Corn and Hemp		LUMPKINS BALLROOM, SOUTH
Moderator: <i>Daniel Mooney (Colorado State University)</i>		
<i>Determinants of Corn Acreage Intensification in U.S. Corn Belt States</i>	<i>Kenneth Annan (Oregon State University); Evert Van der Sluis (South Dakota State University); Scott W Fausti (California State Univ. Monterey Bay); Deepthi E Kolady (South Dakota State University)</i>	
<i>Access to credit: hemp farmers in the United States (Implications and Policy)</i>	<i>Buddhika Patalee (University of Kentucky); Tyler Mark (University of Kentucky); Daniel Mooney (Colorado State University)</i>	
<i>Expansion and Contraction in Early Hemp Cultivation on U.S. Farms</i>	<i>Daniel Mooney (Colorado State University); Rebecca Hill (Colorado State University); Dawn Thilmany-McFadden (Colorado State University); Ming Wang (Colorado State University); Tyler Mark (University of Kentucky); Buddhika Patalee (University of Kentucky)</i>	
<i>The value of choosing a maize (corn) hybrid, using UNL TAPS data</i>	<i>Matt C Stockton (University of Nebraska-Lincoln)</i>	

Consumer Demand and Marketing		STIHA
Moderator: <i>Steve Richards (Clemson University)</i>		
<i>National Restaurant Food Procurers Survey Highlights Marketing Opportunities for Local Meat and Seafood Producers</i>	<i>Steve Richards (Clemson University); Michael Vassalos (Clemson University); Marzieh Motallebi (Clemson University)</i>	
<i>Marketability of Potting Soil Made from Eastern Redcedar Biochar</i>	<i>Pratikshya Silwal (Oklahoma state University); Franklin B Norwood (Oklahoma State University); Bruce Dunn (Oklahoma State University)</i>	
<i>Sweetener Consumption in the United States: A Generalized EASI System Approach</i>	<i>Vardges Hovhannisyan (University of Wyoming); Christopher Bastian (University of Wyoming)</i>	

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

Western Extension Committee Selected Presentations	SANTA FE
Moderator: <i>Russ Tronstad (Univ. of Arizona)</i>	
<i>Use of Simulations to Increase Student's Performance in Agribusiness Management: Comparing In-Person, Hybrid, Online Courses</i>	<i>Kathleen Brooks (University of Nebraska - Lincoln); Michelle Santiago (Murray State); Ross Pruitt (University of Tennessee Martin)</i>
<i>A Proposed 4-H Agri-Science Curriculum to Augment Rural STEM Education</i>	<i>Maryfrances Miller (NMSU - Dept of AEAB); Catherine (Catie) Brewer (New Mexico State University); David Shafer (University of Arizona); Nick Morris (Kent State University); Shaylee Owen (New Mexico State University)</i>
<i>Financial Literacy of Agribusiness Students</i>	<i>Kimberly Luco (Texas Tech University); Kelly Lange (Texas Tech University)</i>

Dinner – On Your Own

Tuesday, June 28
Breakfast 7:00 – 8:00 a.m.
La Terraza / Garden Terrace

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

WAEA Organized Symposium		NEW MEXICO
Here Comes the Sun: Utility-Scale Solar Development on Farmland		
Organizers: <i>Paul Goeringer (Univ. Maryland), Tiffany Lashmet (Texas A&M AgriLife Ext.), & Shannon Ferrell (Oklahoma State Univ.)</i>		
Presenters/Panelists:	Shannon Ferrell (Oklahoma State University)	
	Tiffany Lashmet (Texas A&M AgriLife Extension)	

Agribusiness	EXCHANGE
Moderator: <i>Manuel Garcia (Texas Tech University)</i>	
<i>Analyzing the Economics of Sustainable Aviation Fuel Produced from Forest Residues</i>	<i>T. Edward Yu (University of Tennessee); Pengzhen Li (University of Tennessee); Burton English (University of Tennessee); Carlos Trejo-Pech (University of Tennessee); James A. Larson (University of Tennessee)</i>
<i>The economic resilience of agribusinesses in Latin America</i>	<i>Manuel Garcia (Texas Tech University); Carlos Carpio (Texas Tech University)</i>
<i>The Effect of Climate Change on Labor Allocation in the Manufacturing and Services Sectors in the Philippines</i>	<i>Kairon Shayne D Garcia (Washington State University); Gregmar Galinato (Washington State University); Asif Islam (World Bank)</i>

Information, Uncertainty, and Structural Change	LUMPKINS BALLROOM, NORTH
Moderator: <i>Amber Oerly (Kansas State University)</i>	
<i>A Dynamic Assessment of the Economic Impacts of a Foot-and-Mouth Disease Outbreak on the U.S. Beef Cattle Industry</i>	<i>Dinesh R Poddaturi (Iowa State University); Chad Hart (Iowa State University); Lee Schulz (Iowa State University)</i>
<i>Information Sharing in the Beef Cattle Supply Chain: Priorities and Data Recording Technology</i>	<i>Jake M Hefley (Kansas State University)</i>
<i>Structural Changes and the Evolving Composition of Wholesale Pork Demand</i>	<i>Ezra Butcher (Iowa State University); Lee Schulz (Iowa State University); Glynn Tonsor (Kansas State University)</i>
<i>Cow-Calf Level Supply Response: How Has the Industry Responded to Elevated Uncertainty?</i>	<i>Amber Oerly (Kansas State University); Glynn Tonsor (Kansas State University); Ted Schroeder (Kansas State University)</i>

Community and Regional Economics	LUMPKINS BALLROOM, SOUTH
Moderator: <i>Thomas Harris (University of Nevada, Reno)</i>	
<i>Application of Analysis-By-Parts and Multiregional Input-Output Modeling to Estimate Economic Impacts of Public Land Grazing on the Elko-Eureka Micropolitan Area and the Rest of the State of Nevada</i>	<i>Thomas Harris (University of Nevada, Reno); Randall Chicola (University of Nevada, Reno)</i>
<i>Economic Impacts of a Guayule Plant in Southwest Arizona</i>	<i>Oluwatobi Omotayo (New Mexico State University); Maryfrances Miller (NMSU - Dept of AEAB); Clark Seavert (Oregon State University)</i>
<i>Productivity impacts from violence in the Colombian Agriculture</i>	<i>Wilman J Iglesias (University of Nebraska-Lincoln); Adauto B Rocha Junior (University of São Paulo)</i>
<i>Effects of anti-drug policies under Plan Colombia on the value of Colombian legal agriculture</i>	<i>Wilman J Iglesias (University of Nebraska-Lincoln)</i>

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

Production		STIHA
Moderator: <i>Hannah M Baker (Oklahoma State University)</i>		
<i>What Will It Cost to Produce Cell-Based Meat on a Large Scale?</i>	<i>Greg Garrison (Oklahoma State University); Wade Brorsen (Oklahoma State University); Jon T Biermacher (Oklahoma State University)</i>	
<i>Economic Analysis of Pyric-herbivory Rangeland Management in the Great Plains</i>	<i>Hannah M Baker (Oklahoma State University); Hannah E Shear (Oklahoma State University)</i>	
<i>Sensitivity Analysis on Bell Pepper Labor Costs</i>	<i>Luis E Ramos (New Mexico State University)</i>	

Invited Symposium - Western Extension Committee		SANTA FE
Water and Drought Management in the Western U.S		
Organizer: Patrick Hatzenbuehler (University of Idaho)		
Presenters/Panelists: Patrick Hatzenbuehler (University of Idaho) R. Garth Taylor (University of Idaho) Frank Ward (New Mexico State University) Ryan Larsen (Utah State University)		

Tuesday Morning Break 9:30 a.m. – 10:00 a.m.
Mezzanine

WAEA General Session: 10:00 a.m. – 11:45 a.m.
Lumpkins Ballroom

WAEA Business Meeting
10:00 a.m. – 10:45 a.m.

2022 WAEA Presidential Address: Dr. Stephen Devadoss, Texas Tech University
“Agricultural Trade Dispute”
10:50 a.m. – 11:45 a.m.



WAEA Awards Luncheon
Tuesday 11:45 a.m. – 1:00 p.m.
La Terraza / Garden Terrace

Western Extension Committee
New Mexico Field Trip
Tuesday 1:30 p.m. – 8:30 p.m.

Hope to see you in Whistler!

2023 Joint CAES/WAEA Annual Meeting

Hilton Whistler Resort
Whistler, BC, Canada

July 17-20, 2023