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February 4, 2017 5 pm – 7 pm
New Officer Orientation
Riverview Plaza Hotel Bay Point Suite

February 4, 2017 6 pm – 8 pm
*Quiz Bowl Orientation and Refreshments*
Riverview Plaza Hotel Grand Bay Ballroom I

February 5, 2017 8 am – 4 pm
*Quiz Bowl Competition*
Mobile Convention Center 203A, 204A and 204B
(203A until noon only)

*Quiz Bowl Break / Recruitment Fair*
February 5, 2017  8:00 am and 4:00 pm
Riverview Plaza Hotel Prefunction Area (203/204)

February 5, 2017 8:00 am – 2:00 pm
SAEA Executive Council
Mobile Convention Center 202A
February 5, 2017 Noon – 4:00 pm
Registration
Mobile Convention Center Prefunction Area

Pre-Conference Session: Organized Symposium
Southern Farms Financial Outlook and Extension’s Response to Tight Margins
February 5, 2016 1:30 pm – 4:30 pm
Mobile Convention Center 203A

Organizer: Southern Extension Economics Committee
Sponsor: Southern Risk Management Education Center

February 5, 2017 2 pm – 4:00 pm
Department Heads’ Meeting
Riverview Plaza Hotel Admirals Suite

February 5, 2017 2 pm – 4:00 pm
SERA39
Riverview Plaza Hotel The Commodore

February 6, 2017 8 am – 12:00 noon
Quiz Bowl Competition
Mobile Convention Center 204A and 204B

Session 1: Invited Session
February 6, 2017 8:30 am – 10:00 am
Mobile Convention Center Ballroom East

Organizer: Kim Morgan, Virginia Tech University

Student Perceptions of a Community-Engaged, Interdisciplinary, Project-Based Undergraduate Learning Experience: Lessons from the Kohl Centre at Virginia Tech
By Kimberly L. Morgan, Thomas Archibald, and Rose Jeter, Virginia Tech

Student Experiential Learning through Case Study Competitions – Linking Agribusiness and the Classroom
By Tim Woods, University of Kentucky; Lurleen Walters, Mississippi State University; and Wes Harrison, University of Kentucky
Session 2: Selected Papers

Demand Analysis: Organic Foods, Local Foods and Willingness to Pay
February 6, 2017 8:30 am – 10:00 am
Mobile Convention Center 106A

Session Chair: Brandon McFadden, University of Florida

The Influence of Local Agricultural Production on Farm to School Expenditures
By Jeffrey O'Hara, USDA AMS; Matthew Benson, USDA FNS; Katherine Ralston, USDA ERS

Multinomial Logistic Analysis of the Most Frequent Markets for Locally/Regionally Grown Fresh Produce among Online Shoppers
By Jean Dominique Gumirakiza, Western Kentucky University; Stephen King, Western Kentucky University; Sarah VanZee, Western Kentucky University

The Effect of Market Segmentation on Consumer Welfare: The Case of Organic Fruits and Vegetables
By Brandon McFadden, University of Florida; Conner Mullally, University of Florida

Testing the External Validity of Market Good Bids in Second Price Auctions
By Bachir Kassas, Texas A&M University; Marco Palma, Texas A&M University; Meghan Ness, Texas A&M University; David Anderson, Texas A&M University

Session 3: Selected Papers

Livestock Economics
February 6, 2017 8:30 am – 10:00 am
Mobile Convention Center 106B

Session Chair: Scott Brown, University of Missouri

Dynamic Analysis of the Livestock Inventory in Inner Mongolia
By Wei Ge, Auburn University; Henry Kinnucan, Auburn University

Pen-Level Characteristics of Beef Feedlot Performance and Returns with Consideration of Cattle Origin and Ownership
By Anna Stehle, Oklahoma State University; Derrell Peel, Oklahoma State University

Examination of Asymmetric Supply Response in the U.S. Meat Industries
By Scott Brown, University of Missouri; Jongyeol Yoon, University of Missouri-Columbia

The Farm-level Economics of Newer Sex-sorted Semen Technologies on Beef Operations
Session 4: Selected Papers
Farm Bill Analysis
February 6, 2017 8:30 am – 10:00 am
Mobile Convention Center 107B

Session Chair: Candice Wilson, Kansas State University

Effect of Imperfect Information on Kansas ARC-CO Wheat Enrollment
By Mykel Taylor, Kansas State University; Candice Wilson, Kansas State University

The Implications of a New Cotton Support Program
By John Minor, University of Georgia; Brady Brewer, University of Georgia; Levi Russell, University of Georgia

How will the Dairy Provisions in the Next Farm Bill be Different?
By Brian Herbst, Texas A&M University; David Anderson, Texas A&M University; Joe Outlaw, Texas A&M University; James Richardson, Texas A&M University

Regional Implications of the Margin Protection Program for Dairy
By Jessica Richard, University of Kentucky; Tyler Mark, University of Kentucky; Kenneth Burdine, University of Kentucky

Session 5: Selected Papers
Crop Management
February 6, 2017 8:30 am – 10:00 am
Mobile Convention Center 107A

Session Chair: Derek Farnsworth, University of Florida

The Economic Impact of Rice Sheath Blight Alleviation in the Mid-South
By Lawton Nalley, University of Arkansas; Francis Tsiboe, University of Arkansas; Alvaro Durand-Morat, University of Arkansas; Greg Thoma, University of Arkansas; Aaron Shew, University of Arkansas

A Spatial Econometric Analysis of Within-field Crop Yield Variability Using Yield Monitor Data from a Mississippi Farm
By Xiaofei Li, Mississippi State University; Keith Coble, Mississippi State University
A Structural Approach to Estimating the Economic Cost of Citrus Greening in Florida’s Orange Industry
By Derek Farnsworth, University of Florida

Farmers' Willingness to Pay for Soil Testing Service in Northern Haiti
By Senakpon Kokoye, Auburn University

Session 6: Selected Papers
Economics of Biofuel Crop Production
February 6, 2017 8:30 am – 10:00 am
Mobile Convention Center Ballroom West

Session Chair: Prabodh Illukpitiya, Tennessee State University

Will Switchgrass as a Bio-crop be Adopted by the Farmers?
By Mohit Anand, Auburn University; Patricia Duffy, Auburn University; David Bransby, Auburn University

Comparative Economic Analysis of On-Farm Biodiesel Production from Summer Oilseed Crops
By Suraj Adhikari, Tennessee State University; Prabodh Illukpitiya, Tennessee State University; Fisseha Tegegne, Tennessee State University; Enefiok Ekanem, Tennessee State University

Is Ethanol a Sustainable Energy Source? Evidence from Potential Corn Availability
By Dong Hee Suh, Korea University

Cost of Procuring Invasive Eastern Red Cedar Biomass for Use as a Biobased Products Feedstock
By Nurul Nadia Ramli, Oklahoma State University; Francis Epplin, Oklahoma State University

Session 7: Lightning Session
Risk and Insurance
February 6, 2017 8:30 am – 10:00 am
Mobile Convention Center 203A

Session Chair: Todd Davis, University of Kentucky

Hedging the Price Risk of Revenue Insurance through Futures Markets
By Sweta Tiwari, Mississippi State University; Keith Coble, Mississippi State University; Ardian Harri, Mississippi State University; Barry Barnett, Mississippi State University

Economic Value of Multi-peril Hazard Insurance
By Mona Ahmadiani, University of Georgia; Craig Landry, University of Georgia

Factors Influencing Chinese Farmer Demand for Tomato Price Insurance in Beijing-Tianjin-Hebei Region
By Xue Guan, China Agricultural University; Bruce Ahrendsen, University of Arkansas; Yumei Liu, China Agricultural University

Basis Risk and Welfare Effect of Weather Index Insurance for Smallholders in China
By Ran Huo, University of Georgia; Octavio Ramirez, University of Georgia

Simulated Western Kentucky Grain Farm Cash Flows, Working Capital Erosion, and Evaluation of Risk Management Tools to Manage these Risks
By Todd Davis, University of Kentucky; Tyler Mark, University of Kentucky; Jonathan Shepherd, University of Kentucky

A Risk Analysis of Precision Farming for Tomato Production
By Yangxuan Liu, Eastern Kentucky University; Michael Langemeier, Purdue University; Ian Small, Cornell University; Laura Joseph, Cornell University; William Fry, Cornell University; Jean Ristaino, North Carolina State University; Amanda Saville, North Carolina State University

Session 8: Selected Papers
Livestock Production and Marketing
February 6, 2017 10:00 am – 11:45 am
Mobile Convention Center 106A

Session Chair: Elizabeth McLeod, University of Tennessee

Tennessee Beef Producers' Willingness to Participate in a Tennessee Branded Beef Program
By Elizabeth McLeod, University of Tennessee; Kimberly L. Jensen, University of Tennessee; Andrew Griffith, University of Tennessee; Karen Lewis, University of Tennessee

Producer Owned Cooperative Packing Plants and Mandatory Price Reporting: Unintended Consequences
By Charles Martinez, Texas A&M University; David Anderson, Texas A&M University; John Park, Texas A&M University

Effect of Silage Quality on Milk Production and Ogallala Aquifer Conservation Potential in the Texas High Plains
By Lal Almas, West Texas A&M University; Bridget Guerrero, West Texas A&M University; David Lust, West Texas A&M University; Hina Fatima, Fatima Jinnah Women University; Emmanuel Mensah, West Texas A&M University

Profitability and Competitiveness of Indigenous Horo Cattle Production in Ethiopia
By Befikadu Legesse, North Carolina A&T State University; Osei Yeboah, North Carolina A&T State University

Session 9: Selected Papers
Agricultural Policy Analysis
February 6, 2017 10:00 am – 11:45 am
Mobile Convention Center 106B

Session Chair: Chen Gao, Texas A&M University

**Monetary Policy, Farm Sector Income and Farm Household Well-being-A VECM Analysis**
By Chen Gao, Texas A&M University; David Leatham, Texas A&M University

**Measuring Prevalence, Profiling and Evaluating Policy Impacts Using Two Food Security Indicators in Guatemala**
By Luis Sandoval-Mejia, Texas Tech University; Carlos Carpio, Texas Tech University

**Creating Opportunities in Ghana’s Poultry Industry through Private Strategies and Public Policies**
By Kara Ross, Kansas State University; Frank Nti, Kansas State University; Aleksan Shanoyan, Kansas State University; Yacob Zereyesus, Kansas State University; Vincent Amanor-Boadu, Kansas State University

**U.S. Energy Price Volatility Spillover in Global Corn Markets**
By Madhav Regmi, Kansas State University; Allen Featherstone, Kansas State University

Session 10: Lightning Round
Price Analysis
February 6, 2017 10:00 am – 11:45 am
Mobile Convention Center 203A

Session Chair: Levi Russell, University of Georgia

**U.S. Broiler, Turkey and Total Poultry Supply Response to Corn Feed Prices**
By Ahmed Hussein, University of Kentucky

**Determinants of Weanling Thoroughbred Auction Prices**
By Charlotte Hansen, American Veterinary Medical Association; C. Jill Stowe, University of Kentucky

**Price Effects of Heifer Reproductive Tract Scores**
By Levi Russell, University of Georgia; Jason Duggin, University of Georgia

**A Hedonic Analysis of Feeder Cattle Auction Prices in Northeast Texas**
By Jose Lopez, Texas A&M University-Commerce; Taiwo Bankole, Texas A&M University-Commerce; Rafael Bakhtavoryan, Texas A&M University-Commerce

**Hedonic Price Analysis of Hay Auction Prices in Kentucky**
By Madeline Dant, University of Kentucky

**Can U.S. Energy Information Agency Retail Gasoline Price Forecasts be Improved Upon?**
By Panit Arunanondchai, Texas A&M University; Mark Senia, Texas A&M University; Oral Capps, Texas A&M University

**Time Varying Correlation among Corn, Ethanol, and Gasoline: A Copula-Garch Approach**
Session 11: Selected Papers
Production Efficiency & Yield Analysis
February 6, 2017 10:00 am – 11:45 am
Mobile Convention Center 107A

Session Chair: Eric Ofori, Mississippi State University

Production Efficiency Analysis of Capsicum (Bell Pepper) Cropping System under the Tunnels in Punjab, Pakistan
By Hina Fatima, Fatima Jinnah Women University; Lal Almas, West Texas A&M University; Bushra Yasmin, Fatima Jinnah Women University

Are Efficient Farms and Inefficient Farms Heterogeneous?
By Youngjune Kim, Kansas State University; Bowen Chen, Kansas State University; Allen Featherstone, Kansas State University; Dustin Pendell, Kansas State University

Production Efficiency of Chicken Broiler Farmers in Ghana
By Agness Mzyece, Kansas State University; Frank Nti, Kansas State University

Spatial Heterogeneities of Warming Impacts on Corn Yields in Ghana
By Eric Ofori, Mississippi State University; Jesse Tack, Kansas State University; Ardian Harri, Mississippi State University; Xiaofei Li, Mississippi State University

Session 12: Selected Papers
Milk Price Analysis
February 6, 2017 10:00 am – 11:45 am
Mobile Convention Center 107B

Session Chair: Yizao Liu, Pennsylvania State University

An Analysis of Retail Fluid Milk Pricing in the Eastern United States
By Yuliya Bolotova, Clemson University

The Competitive Impact of Dairy Farmer Cooperatives on Farm-Gate and Retail Milk Prices
By Jasper Grashuis, University of Missouri-Columbia

Heterogeneous Effects of Private Label and Branded Products on Farm-Retail Price Transmission: The Case of the U.S. Fluid Milk Market
By Yizao Liu, Pennsylvania State University; Xuan Chen, Pennsylvania State University; Adam Rabinowitz, University of Georgia

**Diversions and the Role they Play in Determining Order 7 Milk Price**
By Owen Townsend, University of Kentucky; Tyler Mark, University of Kentucky; Kenneth Burdine, University of Kentucky

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**Session 13: Selected Papers**
**Issues in the Design of Water Markets**  
**February 6, 2017 10:00 am – 11:45 am**  
**Mobile Convention Center Ballroom East**

Session Chair: Misti Sharp, University of Florida

**Improving Water Quality Trading Outcomes by Reducing Uncertainty: An Experimental Study on Resolving Regulation Uncertainty**
By Misti Sharp, University of Florida; Jordan Suter, Colorado State University; Dana Hoag, Colorado State University

**The Impact of Endowment Effect on Farm Profit**
By Donna Mitchell, Texas Tech University; Blessing Ugwuanyi, Texas Tech University; Ryan Williams, Texas Tech University

**Water Quality Trading Without Trades: An Analysis into the Lack of Agricultural Nonpoint Source Credit Demand in Virginia**
By Kurt Stephenson, Virginia Tech; Leonard Shabman, Resources for the Future

**The Effect of Social and Consumption Analytics on Residential Water Demand**
By Mehdi Nemati, University of Kentucky; Steven Buck, University of Kentucky; Hilary Soldati, University of California Berkeley

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**Session 14: Selected Papers**
**Market Equilibrium Analysis**  
**February 6, 2017 10:00 am – 11:45 am**  
**Mobile Convention Center Ballroom West**

Session Chair: Clinton Neill, Oklahoma State University

**The Welfare Effects of Ethanol and Biodiesel Mandating on Edible Oil and Corn Uses in the United States**
By Turker Dogruer, Texas Tech University
By Henry Kinnucan, Auburn University; Ly Nguyen, Auburn University

Price Transmission along the Supply Chain of Strawberries in Mexico  
By Oscar Aguilar Candelas, Colegio de Posgrados de Ciencias Agrícolas de Mexico; Jaime Arana, Colegio de Posgrados de Ciencias Agrícolas de Mexico; Carlos Trejo-Pech, University of Tennessee at Knoxville; Miguel Martinez Damian, Colegio de Posgrados de Ciencias Agrícolas de Mexico

Is the Veterinary Industry Chasing its Tail? An Equilibrium Analysis of Veterinarian Service Hours  
By Clinton Neill, Oklahoma State University; Rodney Holcomb, Oklahoma State University

February 6, 2017 12:00 noon – 1:15 pm  
48th SAEA Annual Meetings Luncheon  
RPH Bon Secours Ballroom

Welcome by Jeffrey Gillespie, SAEA President

Presidential Address  
Lisa House

Session 15: Legends vs. Quiz Bowl Champs  
February 6, 2017 1:30 pm – 3:00 pm  
Mobile Convention Center 204B

Session Chair: Sierra Howry, University of Wisconsin, River Falls

Session 16: Selected Papers  
Demand for Fruits and Nuts in the United States  
February 6, 2017 1:30 pm – 3:00 pm  
Mobile Convention Center 106A

Session Chair: Felipe Peguero, Louisiana State University

Consumer Demand for Nut Products in the United States: Application of Semi-parametric Estimation of Censored Quadratic Almost Ideal Demand System (C-QUAIDS) with Household-Level Micro Data  
By Senarath Dharmasena, Texas A&M University; Oral Capps Jr., Texas A&M University

The Taste for Variety: Demand Analysis for Nut Products in the United States  
By Guo Cheng, Texas A&M University; Senarath Dharmasena, Texas A&M University; Oral Capps Jr., Texas A&M University

U.S. Demand for Fresh Fruit Imports
By Hovhannes Mnatsakanyan, Texas A&M University-Commerce; Jose Lopez, Texas A&M University-Commerce; Rafael Bakhtavoryan, Texas A&M University-Commerce

**U.S. Demand for Fresh Bell Peppers with Varying Seasonal Own- and Cross-Price Flexibilities**
By Felipe Peguero, Louisiana State University

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**Session 17: Selected Papers**

**Food Demand, Economic Shocks and Nutrition**
February 6, 2017 1:30 pm – 3:00 pm
Mobile Convention Center 106B

Session Chair: Tingyi Yang, Texas A&M University

**The Impact of Changes in Commodity Prices on Household Welfare in Rural Burkina Faso**
By Timothy Dalton, Kansas State University; Nathan Hendricks, Kansas State University; Tebila Nakelse, Kansas State University

**Pre-Determined Demand and Theoretical Regularity Conditions: Their Importance for Consumer Food Demand Using QUAIDS and Policy Analysis Implications**
By Mark Senia, Texas A&M University; Senarath Dharmasena, Texas A&M University

**Food Demand and Nutrient Elasticities for Ghana**
By Benaissa Chidmi, Texas Tech University; Gifty Sienso, Texas Tech University

**U.S. Demand for Dairy Alternative Beverages: Attribute Space Distance and Hedonic Matrix Approaches**
By Tingyi Yang, Texas A&M University; Senarath Dharmasena, Texas A&M University; Oral Capps; Jr., Texas A&M University

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**Session 18: Selected Papers**

**Factors Affecting Food and Agricultural Prices**
February 6, 2017 1:30 pm – 3:00 pm
Mobile Convention Center 107A

Session Chair: Abdelaziz Lawani, University of Kentucky

**The Impact of Monetary Policy on Agricultural Price Index in China: A FAVAR Approach**
By Ying Tan, South China Agricultural University; Wenbiao Sha, South China Agricultural University; Krishna Paudel, Louisiana State University

**Volatility Spillover between Oil Prices, U.S. Dollar Exchange Rates and International Agricultural Commodities Prices**
By Sima Siami-Namini, Texas Tech University; Darren Hudson, Texas Tech University
Impact of Food Reserve Programs on Price Levels and Volatility: A Natural Experiment from Benin Cereals Markets in West Africa
By Abdelaziz Lawani, University of Kentucky; Michael Reed, University of Kentucky

Investigation of the Relationship between World Food Prices and Energy: A Panel SUR Approach
By Reza Hezareh, Ferdowsi University of Mashhad; Mohammad Seraji, Ferdowsi University of Mashhad; Naser Shahnoushi, Ferdowsi University of Mashhad; Sayed Saghaian, University of Kentucky

Session 19: Selected Papers
Applications of Models of Consumer Demand in Food Markets
February 6, 2017 1:30 pm – 3:00 pm
Mobile Convention Center 107B

Session Chair: Vardges Hovhannisyan, University of Wyoming

Demand for Yogurt in the Trend of Manufacturer Brand and Organic Information
By Rezgar Mohammed, Texas Tech University; Olga Murova, Texas Tech University; Benaissa Chidmi, Texas Tech University

Brand-Level Demand Analysis of Mayonnaise in Northeast Texas
By Rafael Bakhtavoryan, Texas A&M University-Commerce

Household Demand for Meat Products in Lagos State, Nigeria
By Olumide Aborisade, Texas Tech University; Carlos Carpio, Texas Tech University

Assessing Provincial Level Demand for Food Quantity and Quality in China: An EASI Demand System Approach
By Vardges Hovhannisyan, University of Wyoming

Session 20: Selected Papers
Food Demand Analyses Using Household Level Data
February 6, 2017 1:30 pm – 3:00 pm
Mobile Convention Center 203A

Session Chair: Bo Chen, University of Kentucky

An Empirical Analysis of the Impact of Coupons on the Demand for Food Products Using a Demand System Approach
By Artak Meloyan, Texas A&M University-Commerce; Rafael Bakhtavoryan, Texas A&M University-Commerce

Consumer Demand for Meat in Kenya: An Examination using the Linear Approximate Almost Ideal Demand System
By Benaissa Chidmi, Texas Tech University; Shaikh Rahman, Texas Tech University; Mumina Shibia, Texas Tech University

**An Analysis of Demand for Roots and Tubers in Kenya using the Linear Approximate Almost Ideal Demand System (LA-AIDS)**
By Benaissa Chidmi, Texas Tech University; Shaikh Rahman, Texas Tech University; Patrick Rono, Texas Tech University

**Does Consumers’ Preference for Organic Foods Affect Their Store Format Choices?**
By Bo Chen, University of Kentucky; Sayed Saghaian, University of Kentucky

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**Session 21: Selected Papers**
**Beef Demand Analysis**
**February 6, 2017 1:30 pm – 3:00 pm**
**Mobile Convention Center Ballroom East**

**Session Chair: Steven Green, Western Kentucky University**

**Is Imported Beef Really a Substitute for Domestic Beef?**
By James Mitchell, Kansas State University; Glynn Tonsor, Kansas State University

**Impacts of Retail and Export Beef Demand on Cattle Producers**
By Melissa McKendree, Kansas State University; Glynn Tonsor, Kansas State University; Ted Schroeder, Kansas State University; Nathan Hendricks, Kansas State University

**Market Responses to Beef Recalls**
By Samane Zarebanadkoki, University of Kentucky; Sayed Saghaian, University of Kentucky; Yuqing Zheng, University of Kentucky; Steven Buck, University of Kentucky

**Factors Influencing Preferences and Purchasing Decisions among Millennials and their Willingness to Pay for Differentiated Types of Beef**
By Steven Green, Western Kentucky University; Jean Dominique Gumirakiza, Western Kentucky University

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**Session 22: Selected Papers**
**Risk Management**
**February 6, 2017 1:30 pm – 3:00 pm**
**Mobile Convention Center Ballroom West**

**Session Chair: Kerr Adams, University of Arkansas**

**Risk Effects on Producers’ Use of Tillage and Cover Crop Systems in Long-Term Cotton Production**
By Xavier Harmon, University of Tennessee; Christopher Boyer, University of Tennessee; Dayton Lambert, University of Tennessee; James A. Larson, University of Tennessee; Donald Tyler, University of Tennessee

On-Farm Water Storage as a Tool to Reduce Risk
By Domena Agyeman, Mississippi State University; Brian Williams, Mississippi State University; Keith Coble, Mississippi State University; Bryon Parman, Mississippi State University

Cross Hedging Whole Cottonseed
By Wesley Regmund, Texas A&M University; John Robinson, Texas A&M AgriLife Extension Service; David Anderson, Texas A&M University

Return on Investment in Irrigation Practices in Response to the Rate of Adoption on an Agricultural Landscape
By Kerr Adams, University of Arkansas; Kent Kovacs, University of Arkansas; Tyler Knapp, University of Arkansas

Session 23: Selected Papers
Consumer Preferences for Meat and Seafood Attributes
February 6, 2017 1:30 pm – 3:00 pm
Mobile Convention Center 105B

Session Chair: Meagan Merritt, University of Tennessee

Consumer Willingness to Pay for "Natural" Beef
By Konstantinos Syrengelas, University of Tennessee-Knoxville; Karen Lewis, University of Tennessee; Carola Grebitus, Arizona State University; Rodolfo Nayga Jr., University of Arkansas

Assessing the Influence of Tangible and Intangible Seafood Characteristics on Consumers’ Purchasing Decisions
By English Ratliff, Clemson University; Michael Vassalos, Clemson University; Wuyang Hu, University of Kentucky

The Impact of Hormone Use Perception on Consumer Meat Preference
By Ruoye Yang, Oklahoma State University; Kellie Raper, Oklahoma State University; Jayson Lusk, Oklahoma State University

Consumer Willingness to Pay for Tennessee Certified Beef
By Meagan Merritt, University of Tennessee; Karen Lewis, University of Tennessee; Andrew Griffith, University of Tennessee; Kimberly L. Jensen, University of Tennessee

Session 24: Selected Papers
Effect of Information and Experiments Design on Consumer Choices
February 6, 2017 1:30 pm – 3:00 pm
Mobile Convention Center 204A

Session Chair: Alba Collart, Mississippi State University

Pollinator Friendly Plants: Reasons for and Barriers to Purchase
By Benjamin Campbell, University of Georgia; Hayk Khachatryan, University of Florida; Alicia Rihn, University of Florida

Do Consequentiality and Food Waste Information Influence Consumer Preferences for “Ugly” Produce?
By Alba Collart, Mississippi State University; Matthew Interis, Mississippi State University

Testing the Consistency of Discrete Choice Experiment Preferences
By Michelle Segovia Coronel, Texas A&M University; Marco Palma, Texas A&M University; Daniel Chavez, Texas A&M University

Loss Aversion and Willingness to Pay for New Products
By A. Banerji, Delhi School of Economics; Jeevant Rampal, The Ohio State University

February 6, 2017 3:00 pm – 3:30 pm
BREAK: Mobile Convention Center Prefunction Area

Session 25: Invited Session
Antibiotics and Agriculture
February 6, 2017 3:30 pm – 5:00 pm
Mobile Convention Center 204A

Organizer: Matthew Salois, Elanco Animal Health

Economic & Consumer Trends on Antibiotic Use in Agriculture
By Matthew Salois, Elanco Animal Health

Implications of a US metaphylaxis antimicrobial ban in cattle feedlots: who benefits, who loses?
By Elliot Dennis, Kansas State University

Incentivizing New Products in Animal Pharmaceuticals to Reduce Antibiotic Use
By Stacey Sneeringer, USDA

Session 26: Selected Papers
Consumers and Producers Acceptance and Use of New Technologies
February 6, 2017 3:30 pm – 5:00 pm
Mobile Convention Center 106A

Session Chair: Benjamin Campbell, University of Georgia
Consumer Preference and Market Simulations for Food and Non-Food GMO Introductions
By Joshua Berning, University of Georgia; Benjamin Campbell, University of Georgia

Adoption and the Extent of Adoption of Soil Sampling Technologies among Cotton Producers in Southern U.S.
By Eric Asare, Texas Tech University; Eduardo Segarra, Texas Tech University; Benaiissa Chidmi, Texas Tech University; Ryan Williams, Texas Tech University; Chenggang Wang, Texas Tech University

Do Farmers with Less Education and Experience Realize Higher Yield Gains from GM Maize in Developing Countries? Evidence from the Philippines
By Michael Jones, North Carolina State University; Roderick Rejesus, North Carolina State University; Zachary Brown, North Carolina State University; Jose Jr. Yorobe, University of the Philippines at Los Banos

Importance of Mesonet Weather Information for Agricultural Production in Oklahoma
By Jad Ziolkowska, University of Oklahoma

Session 27: Selected Papers
Productivity Analysis and Emerging Technologies
February 6, 2017 3:30 pm – 5:00 pm
Mobile Convention Center 201B

Session Chair: Rina Vuciterna, University of Arkansas

Analysis of Risk-Economies of Scope and Scale Efficiency Due to Diversification
By Saleem Shaik, North Dakota State University; Osei Yeboah, North Carolina A&T State University; Kwame Addey, North Dakota State University

Factors Affecting the Innovation in Chinese Enterprises: A Survey Study of Enterprises Characteristics
By Yilan Xu, University of Kentucky

Efficiency and Competitiveness of Kosovo Raspberry Producers
By Rina Vuciterna, University of Arkansas; Michael Thomsen, University of Arkansas; Jennie S. Popp, University of Arkansas; Arben Musliu, University of Prishtina

Evaluating the Role of Trade Risk on Efficiency and Productivity: An Empirical Analysis of World Agricultural Trade
By Saleem Shaik, North Dakota State University

Session 28: Selected Papers
Export Competition and Trade Analysis
February 6, 2017 3:30 pm – 5:00 pm
Mobile Convention Center 106B
Session Chair: Yosef Alamri, University of Kentucky

**Competitiveness of U.S. Chicken Meat in Ghana**
By Frank Nti, Kansas State University; Kara Ross, Kansas State University

**U.S. Import Demand of Selected Coffee Product from Ethiopia under African Growth and Opportunity Act (AGOA)**
By Haimanot Bolden, North Carolina A&T State University; Osei Yeboah, North Carolina A&T State University; Befikadu Legesse, North Carolina A&T State University

**Measuring the Intensity of Competition among Rice Exporters to Saudi Arabia**
By Yosef Alamri, University of Kentucky; Sayed Saghaian, University of Kentucky

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Session 29: Selected Papers
Consumer Demand Applications
February 6, 2017 3:30 pm – 5:00 pm
Mobile Convention Center 107B

Session Chair: P. Lynn Kennedy, Louisiana State University

**Private Labels Competition, Retail Pricing and Bargaining Power: The Case of Fluid Milk Market in Connecticut**
By Xuan Chen, Pennsylvania State University; Yizao Liu, Pennsylvania State University; Adam Rabinowitz, University of Georgia

**An Assessment of the Relationship between the High Fructose Corn Syrup and the Soft Drink Markets in the United States**
By P. Lynn Kennedy, Louisiana State University; Pablo Garcia, Midwestern State University; Gustavo Ferreira, USDA ERS

**Consumer Knowledge, Perception and Acceptance of GMOs**
By Benjamin Campbell, University of Georgia; Joshua Berning, University of Georgia

**Consumer Acceptance on Genetically Modified Food: Application of the Prospect Theory**
By Ping Qing, Huazhong Agricultural University; Wuyang Hu, University of Kentucky

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Session 30: Selected Papers
Property Rights and Institutions
February 6, 2017 3:30 pm – 5:00 pm
Mobile Convention Center 203A
Session Chair: Masaki Nakabayashi, The University of Tokyo

**Women's Property Rights and Outreach of Microfinance Institutions Targeting Women**
By Rachel Bailey, Auburn University; Valentina Hartarska, Auburn University

**Developing an Institutional Political Economy Framework Integrating Firms, Markets and States**
By Wanki Moon, Southern Illinois University

**Property and Risk: Revisit to Peasant Economy in Modern Japan**
By Masaki Nakabayashi, The University of Tokyo

**The Impact of the 2008 Financial Crisis on Microfinance Institutions**
By Rui Chen, Auburn University; Valentina Hartarska, Auburn University

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Session Chair: Haiyan Wang, Texas Tech

**The Short-Term Economic Impact of Rural Hospital Closures**
By Jacob Manlove, Oklahoma State University; Brian Whitacre, Oklahoma State University

**Purchasing Online: How Different Are Chinese and US Farming Households**
By Defeng Meng, Nanjing Audit University; Wuyang Hu, University of Kentucky

**Does USDA’s Value-Added Producer Grant Increase Firm Survival?**
By Georgeanne Artz, Iowa State University; Marcie Stevenson, Iowa State University

**Assessing the Effect of Knowledge and Attitudes on Skin Cancer Prevention in Rural Communities**
By Haiyan Wang, Texas Tech University; Conrad Lyford, Texas Tech University; Barent McCool, Texas Tech University

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Session Chair: Haiyan Wang, Texas Tech

**Session 31: Selected Papers**
**Rural Development**
**February 6, 2017 3:30 pm – 5:00 pm**
**Mobile Convention Center 204B**

Session Chair: Haiyan Wang, Texas Tech

**Session 32: Organized Symposium**
**Helping Southern Farmers Manage Through Financial Crisis**
**February 6, 2017 3:30 pm – 5:00 pm**
**Mobile Convention Center 105B**

Organizer: Aaron Smith, University of Tennessee
Moderator: Todd Davis, University of Kentucky
Session 33
SAEA Lifetime Achievement Awards Breakfast
February 7, 2017 8:00 am – 10:00 am
Mobile Convention Center Ballroom West

SAEA recognizes significant and enduring contributions in scholarship or public service to Southern agricultural economics. This award recognizes individual distinguished contributions to the profession over a career. The award winners for 2017 will be recognized at this session and each award recipient will make a short presentation on the highlights of their career and their perspectives on agricultural economics as a professional home.

Session Chair: Ron Rainey, University of Arkansas

Presenters:
Derrell Peel, Oklahoma State University
Larry Falconer, Mississippi State University
Eduardo Segarra, Texas Tech University

Session 34
Emerging Scholars
February 7, 2017 10:30 am – 12:00 noon
Mobile Convention Center 107A

Session Chair: Ron Rainey, University of Arkansas

Does Technological Progress in Agriculture Reduce Cropland Expansion? An Empirical Investigation
By Nelson Villoria, Kansas State University

The Placement of Oil and Gas Wells in Response to Environmental Litigation Risks
Richard Thomas (Max) Melstrom, Oklahoma State University
Risk Effects on Nitrogen Fertilization and Cost-Share Payments under Alternative Tillage and Cover Crop Systems for Cotton
Chris Boyer, University of Tennessee

Session 35: Selected Papers
Poverty, Development and Food Security in Africa
February 7, 2017 10:30 am – 12:00 noon
Mobile Convention Center 204A

Session Chair: Yawotse Nouve, New Mexico State University

Socioeconomic Determinants of Food Access among Rural Households in Ghana
By Kwaku Antwi, Texas Tech University; Conrad Lyford, Texas Tech University

An Assessment of Resilience in Northern Ghana
By Elizabeth Gutierrez, Kansas State University; Yacob Zereyesus, Kansas State University; Kara Ross, Kansas State University; Vincent Amanor-Boadu, Kansas State University

Poverty Analysis in Northern Ghana: A Comparison of Subjective and Objective Approaches
By Yacob Zereyesus, Kansas State University; Kara Ross, Kansas State University; Vincent Amanor-Boadu, Kansas State University

Extreme Weather Events, Farm Income, and Poverty in Niger
By Yawotse Nouve, New Mexico State University; Ram Acharya, New Mexico State University

Session 36: Selected Papers
Food, Agriculture and Nutrition
February 7, 2017 10:30 am – 12:00 noon
Mobile Convention Center 106B

Session Chair: Ram Acharya, New Mexico State University

Does Market Access Improve Dietary Diversity? Evidence from Bangladesh
By Kelly Davidson, University of Florida; Jaclyn Kropp, University of Florida

The Effect of NuVal Shelf Nutrition Labels on Consumer Behavior
By Grace Melo, University of Georgia; Chen Zhen, University of Georgia

Transitioning to Center of Plate: Improving Consumers’ View of Beans in Zambia
By Kara Ross, Kansas State University; Vincent Amanor-Boadu, Kansas State University

Integrated Animal and Crop Production Systems and Food Security in Nepal
By Ram Acharya, New Mexico State University
Session Chair: Pablo Garcia-Fuentes, Midwestern State University

**Determining the Location and Size of a Tennessee Milk Condensing Plant**
By David Mendez, University of Tennessee; Tun-hsiang Yu, University of Tennessee; David Hughes, University of Tennessee; Andrew Griffith, University of Tennessee

**Does Vertical Integration Increase Efficiency? A Look at Ethanol Plants in the Center-South of Brazil**
By Ana Claudia Sant' Anna, Kansas State University; Jason Bergtold, Kansas State University; Allen Featherstone, Kansas State University; Marcellus Caldas, Kansas State University; Gabriel Granco, Kansas State University

**Big (Market) Power in Baby Food: Price Impacts of Market Power in the Organic Baby Food Industry**
By Xiaojin Wang, The Ohio State University; Kathryn Boys, North Carolina State University; Neal Hooker, The Ohio State University

**An Estimation of a Price Model of the High Fructose Corn Syrup Industry in the United States**
By Pablo Garcia-Fuentes, Midwestern State University; P. Lynn Kennedy, Louisiana State University; Gustavo Ferreira, USDA ERS

Session Chair: Kevin Herrell, University of Tennessee at Martin

**Honduran Coffee Trade: Economic Effects of Fair Trade Certification on Individual Producers**
By Kevin Herrell, University of Tennessee at Martin; Rachna Tewari, University of Tennessee at Martin; Joseph Mehlhorn, University of Tennessee at Martin

**Determinants of the Export Demand of U.S. Distillers Dried Grains with Solubles**
By Maria De Matteis, University of Tennessee; Tun-hsiang Yu, University of Tennessee; Christopher Boyer, University of Tennessee; Karen Lewis, University of Tennessee

**A Partial Equilibrium Model of Grain Sorghum in the United States, Australia, Mexico, and Japan**
By Kazuyoshi Ishida, Texas Tech University

**Monetary Policy, Exchange Rate Shocks and U.S. Agricultural Trade**
By Nikhil Damodaran, Louisiana State University
Cool as an Import Quota: Partial Equilibrium Analysis of U.S. Beef Sector
By Phillipa Odom, North Carolina A&T State University; Osei Yeboah, North Carolina A&T State University; Saleem Shaik, North Dakota State University; Cephas Naanwaab, North Carolina A&T State University; Befikadu Legesse, North Carolina A&T State University

Session 39: Organized Symposium
Big Ag Data & Precision Agriculture: What are the Extension, Teaching & Research Needs
February 7, 2017 10:30 am – 12:00 noon
Mobile Convention Center 207A

Presenters: Paul Goeringer, University of Maryland; Jordan Shockley, University of Kentucky; Xiaofei Li, Mississippi State University; Keith Coble, Mississippi State University

February 7, 2017 12:00 noon – 1:30 pm
Lunch Break

Session 40: Invited Session
How Nudging, Peers, and Information Influence Food Choices and Health Behaviors
February 7, 2017 1:30 pm – 3:00 pm
Mobile Convention Center 107A

Organizer: Jaclyn Kropp, University of Florida

Nudging to Reduce Rice Consumption and Improve Meal Diversity in Bangladesh
By Kelly Davidson and Jaclyn Kropp, University of Florida

The Effect of Informational Nudging on Pre-Ordered Food Choices of Middle School National School Lunch Program Participants
By Jaclyn Kropp, University of Florida and Sonam Gupta, Impaq International

Modeling Product Choices in a Peer Network
By Di Fang, University of Arkansas

To Tell or Not to Tell: How the Initial Information Impacts Participants’ Behavior
By Gnel Gabrielyan and David Just, Cornell University

Session 41: Selected Papers
International Development: Gender and Agriculture
February 7, 2017 1:30 pm – 3:00 pm
Mobile Convention Center 201B

Session Chair: Santosh Neupane, University of Tennessee
Gender Differentials and Determinants of Female-Male Holders Revenue Efficiency during the Implementation of the GTP Plan in Ethiopia: A Panel Data Study  
By Sandra Contreras, Kansas State University; Timothy Dalton, Kansas State University

Gender and Its Impact on Business Owner Satisfaction in Family Farms  
By Wenxuan Li, Purdue University; Maria Marshall, Purdue University

Gender Wage Gap and Discrimination in Developing Countries  
By Mo Zhou, Auburn University; Robert Nelson, Auburn University

Time Allocation Model for Fuelwood Collection in Rural Nepal: An Empirical Analysis  
By Christopher Clark, University of Tennessee; Santosh Neupane, University of Tennessee

Session 42: Lightning Round  
Food Safety, Fisheries and Aquaculture  
February 7, 2017 1:30 pm – 3:00 pm  
Mobile Convention Center Ballroom East

Session Chair: McCauley Frierson, Clemson University

Audit Grades in Food Safety Certification: Evidence from the British Retail Consortium Global Standard  
By Yuqing Zheng, University of Kentucky; Talia Bar, University of Connecticut

Perceptions of Selected Aquaculture Practices: Shanghai Residents’ Views on Water and Feed Quality  
By Chunxiao Wang, Shanghai Ocean University; Wojciech Florkowski, University of Georgia; Zhengyong Yang, Shanghai Ocean University; Yanan Li, Shanghai Ocean University

A Bioeconomic Model of Shellfish Harbors Regulated for Food Safety  
By Sergio Alvarez, Florida A&M University; Joonghyun Hwang, Mississippi State University; Daniel Solis, Florida A&M University

An Economic, Social and Technological Characterization of the Puerto Rican Commercial Trap Fishery  
By Juan Agar, NOAA; Manoj Shivlani, University of Miami; Daniel Solis, Florida A&M University

Application of a Generalized Additive Model to the Chilean Hake Population in a Bioeconomic Context  
By Selin Guney, Texas State University; Andres Riquelme, Universidad de Talca

Evaluating the Economic Profitability of Establishing an Aquaculture Research Facility: The Case of Clemson University’s Aquaculture Center  
By McCauley Frierson, Clemson University; Michael Vassalos, Clemson University; Lance Beecher, Clemson University

Session 43: Selected Papers
Session Chair: Michael Jones, North Carolina State University

**Measuring the Value of Housing Services in Household Surveys: An Application of Machine Learning Approach**
By Weldensie Embaye, Kansas State University; Yacob Zereyesus, Kansas State University

**Meta-Analysis of Multiple Treatments Experiments**
By Samuel Zapata, Texas A&M University; Terry Griffin, Kansas State University

**Veterinarians and Student Loan Debt: Is the Burden Too Much?**
By Frederic Ouedraogo, American Veterinary Medical Association; Wade Brorsen, Oklahoma State University; Michael Dicks, American Veterinary Medical Association

**Distribution of GM Maize Yield Effects in the Philippines: Comparing Quantile Regression Approaches**
By Michael Jones, North Carolina State University; Roderick Rejesus, North Carolina State University; Zachary Brown, North Carolina State University; Jose Yorobe, Jr., University of the Philippines at Los Baños

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Session Chair: Stephen Devadoss, Texas Tech University

**Potential Impact of TPP Trade Agreement on U.S. State Corn, Soybeans and Wheat Agricultural Trade: Trade Creation or Trade Diversion**
By Kwame Addey, North Dakota State University; Saleem Shaik, North Dakota State University; Osei Yeboah, North Carolina A&T State University

**Bilateral Trade Flows between U.S. Trans Pacific Partnership Countries: Country Pair Analysis**
By Helga Aku, North Carolina A&T State University; Osei Yeboah, North Carolina A&T State University; Saleem Shaik, North Dakota State University; Befikadu Legesse, North Carolina A&T State University; Paula Faulkner, North Carolina A&T State University

**Welfare Effects of the U.S.-Mexican Tomato Agreement**
By Elijah Kosse, University of Idaho; Stephen Devadoss, Texas Tech University

**Does Trade Contribute to Poverty Reduction? If it Does, Where Does the Benefit Go To?**
By Saera Oh, Korea Rural Economic Institute; Sang Hyeon Lee, Korea Rural Economic Institute
Session 45: Selected Papers
Teaching, Communication and Extension
February 7, 2017 1:30 pm – 3:00 pm
Mobile Convention Center 107B

Session Chair: Mary Kamer, Western Kentucky University

Examining the Use of Group Projects in Agribusiness Courses to Enrich Overall Student Learning
By Rachna Tewari, University of Tennessee at Martin; Kishor Luitel, Angelo State University; Joseph Mehlhorn, University of Tennessee at Martin

The Use of a Farm Simulation Game to Enhance Student Learning
By Gregory Ibendahl, Kansas State University

A Cost Benefit Analysis of Dual-Credit Agriculture Courses
By Michelle Santiago, Murray State University; Brian Parr, Murray State University

The Use of the “Guidelines” for Agriculture Producers and Its Effects on Profitability of Small and Medium Farms in Kentucky
By Mary Kamer, Western Kentucky University; Jean Dominique Gumirakiza, Western Kentucky University

Session 46: Selected Papers
Valuation of Environmental Effects
February 7, 2017 1:30 pm – 3:00 pm
Mobile Convention Center 204B

Session Chair: Tatiana Borisova, University of Florida

Valuing Improved Wetland Quality and the Choice of the Status Quo Alternative: The Case of Macquarie Marshes
By Weizhe Weng, Virginia Tech; Kevin Boyle, Virginia Tech; Peter Boxall, University of Alberta; Mark Morrison, Charles Sturt University

The Impact of Highway Noise Barrier Walls on Housing Prices in the Neighborhoods
By Gertrude Nakakeeto, Texas Tech University; Jaren Pope, Brigham Young University; Shaikh Rahman, Texas Tech University; Eric Asare, Texas Tech University

Traveler Willingness to Pay for Hotel Indoor Air Quality: The Effect of Defaulting to the No-Choice Alternative in an Online Choice Experiment
By Jerrod Penn, University of Kentucky; Wuyang Hu, University of Kentucky

The Tide is Changing? Assessing Costs and Benefits of a Dam Removal Project in Florida
By Tatiana Borisova, University of Florida; Xiang Bi, University of Florida; Alan Hodges, University of Florida
Session 47: Selected Papers
Energy; Economy and the Environment
February 7, 2017 1:30 pm – 3:00 pm
Mobile Convention Center Ballroom West

Session Chair: Wojciech Florkowski, University of Georgia

Estimating the Impact of Central Winter Heating on Air Quality in China
By Meijuan Wang, Auburn University

Mind the Gap: The Economic Problem as an Interplay of Desires, Matter, and Energy
By Benjamin Leiva, University of Georgia

Energy Consumption and Environmental Pollution: Evidence from the Spatial Panel Simultaneous-Equations Model of Developing Countries
By Reza Hezareh, Ferdowsi University of Mashhad; Elham Darbandi, University of Kentucky; Jack Schieffer, University of Kentucky

Food Waste in Rural Households
By Wojciech Florkowski, University of Georgia; Anna Us, Higher School of Education; Anna Klepacka, Warsaw University of Life Sciences

Session 48: Lightning Round
Cattle Management
February 7, 2017 1:30 pm – 3:00 pm
Mobile Convention Center 204A

Session Chair: Scott Fausti, California State University Monterey Bay

Adoption of Beef Care Management Practices and Its Determinants: Analysis of the U.S. Grass-Fed Beef Industry
By Isaac Sitienei, Texas State University; Jeffrey Gillespie, USDA ERS; Guillermo Scaglia, Louisiana State University AgCenter

Sex-sorted Semen: The Future of the Beef Cattle Industry?
By Agnieszka Dobrowolska, University of Missouri; Scott Brown, University of Missouri; David Patterson, University of Missouri; Jordan Thomas, University of Missouri

A Capital Investment Approach to Bred Heifer Valuation in an Expanding Cattle Market
By Amanda Conley, University of Kentucky; Kenneth Burdine, University of Kentucky; Tyler Mark, University of Kentucky

Long Term Winter Stocker Profitability
By David Anderson, Texas A&M University; Monte Roquette, Texas A&M University; Justin Benavidez, Texas A&M University; Charles Martinez, Texas A&M University
Grass-Fed Beef Enterprises Efficiency Analysis in the U.S.
By Berdikul Qushim, Louisiana State University AgCenter; Basu Deb Bhandari, Louisiana State University; Jeffrey Gillespie, USDA ERS; Guillermo Scaglia, Louisiana State University AgCenter

Fed Cattle Marketing: A Field Experiment
By Matthew Janzen, Mississippi State University; Kalyn Coatney, Mississippi State University; Daniel Rivera, Mississippi State University; Ardian Harri, Mississippi State University; Darrell Busby, Iowa State University; Matt Groves, Iowa State University

Economic Sustainability of South Dakota Feedlots: What are the Issues?
By Scott Fausti, California State University Monterey Bay; Matthew Diersen, South Dakota State University

Session 49: Organized Symposium
Successful Extension Risk Management Outreach Programming
February 7, 2017 1:30 pm – 3:00 pm
Mobile Convention Center 106B

Using Emerging Technology to Reduce Risk in the Green Industry
By Marco Palma, Texas A&M University

A Risk Management Initiative of the Virginia Beginning Farmer and Rancher Coalition Program
By Kim Niewolny, Virginia Tech University

Developing Personal Risk Management Plans for Limited Resource and Socially Disadvantaged Producers in South Carolina
By Laurence Crane, National Crop Insurance Services

February 7, 2017 3:00 pm – 3:30 pm
BREAK: Mobile Convention Center Prefunction Area

Session 50: Selected Papers
Environmental Externalities from Agriculture
February 7, 2017 3:30 pm – 5:00 pm
Mobile Convention Center 107A

Session Chair: Daniel Spencer, Mississippi State University

Incorporating New Crops into Traditional Crop Rotations and the Environmental Implications
By GwanSeon Kim, University of Kentucky; Tyler Mark, University of Kentucky; Steven Buck, University of Kentucky

The Economic Value of Ecosystem Services from Delisting Impairments: A Case Study of Lake St. Joseph, Louisiana
By Naveen Adusumilli, Louisiana State University AgCenter; Ernest Girouard, Louisiana State University AgCenter

**Heterogeneous Nitrogen Losses: Cost Effective Analysis of Changes in Management across South Dakota**
By Matthew Elliott, South Dakota State University; Archibold Quaye, South Dakota State University

**Property Rights and the Economics of Non-Point Source Water Regulations: An Empirical Analysis of Agricultural Production in the Mississippi Delta**
By Daniel Spencer, Mississippi State University; James Barnes, Mississippi State University; Kalyn Coatney, Mississippi State University; Bryon Parman, Mississippi State University; Keith Coble, Mississippi State University

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**Session 51: Lightning Round**
**Water Management**
February 7, 2017 3:30 pm – 5:00 pm
Mobile Convention Center Ballroom East

Session Chair: Chris Wilhelms, Mississippi State University

**Transboundary Management of Groundwater Shared by Louisiana and Arkansas: The Case of Sparta Aquifer**
By Bijay Pokhrel, Louisiana State University

**Conjunctive On- and Off-farm Surface Water Investment on Crop Mix and Groundwater Use on an Agricultural Landscape**
By Alvaro Durand-Morat, University of Arkansas; Kent Kovacs, University of Arkansas

**Impact of Discount Rate and Price on Intertemporal Groundwater Models in Southwest Kansas**
By Logan Harkey, West Texas A&M University; Mallory Vestal, West Texas A&M University; Bridget Guerrero, West Texas A&M University; Bill Golden, Kansas State University

**Cost Effective Modeling Approach for Targeting the Location of Best Management Practices within a Rapidly Growing Urban Watershed to Achieve Regional Water Quality Targets**
By David Willis, Clemson University; Charles Privitte III, Clemson University

**Landholders’ Choice to Adopt Improved Watershed Management: The Case of the Lower Blue Nile Basin, Ethiopia**
By Befikadu Legesse, North Carolina A&T State University; Osei Yeboah, North Carolina A&T State University

**Mitigating a Commons Dilemma: Agricultural Water Use in the Mississippi Delta**
By Chris Wilhelms, Mississippi State University; Kalyn Coatney, Mississippi State University; Anita Chaudhry, California State University Chico; James Barnes, Mississippi State University
Session 52: Selected Papers  
The Value of Water Resources and Irrigation  
February 7, 2017 3:30 pm – 5:00 pm  
Mobile Convention Center 105B

Session Chair: Steven Buck, University of Kentucky

The Economic Benefits of Irrigation Districts under Prior Appropriation Doctrine: An Econometric Analysis of Agricultural Land-allocation Decisions  
By James Ji, Virginia Tech; Kelly Cobourn, Virginia Tech

Willingness to Pay for Irrigation Water in Louisiana  
By Tej Gautam, Louisiana State University; Kurt Guidry, Louisiana State University; Krishna Paudel, Louisiana State University

Determinants of Irrigation Technology Adoption and Crop Productivity in the Nepalese Agricultural Sector  
By Tej Gautam, Louisiana State University; Krishna Paudel, Louisiana State University; Dependra Bhatta, Louisiana State University

Valuing Water Supply Reliability  
By Steven Buck, University of Kentucky; Mehdi Nemati, University of Kentucky

Session 53: Selected Papers  
Farm Household Economics  
February 7, 2017 3:30 pm – 5:00 pm  
Mobile Convention Center 201B

Session Chair: Abbas Aboohamidi, Texas Tech University

Farm Households Consumption Heterogeneity and Rural Business Dynamics  
By Madhav Regmi, Kansas State University; Allen Featherstone, Kansas State University

Public Health Insurance and Labor Supply in Agriculture  
By Tianyuan Luo, University of Georgia

Testing the Separability and Non-Separability of Rice Farm Households: A Case Study from Southern China  
By Fengbo Chen, South China Agricultural University; Krishna Paudel, Louisiana State University

The Impact of the Financial Crisis on the Wealth of the Farm and Nonfarm Households in the United States  
By Abbas Aboohamidi, Texas Tech University; Darren Hudson, Texas Tech University
Session 54: Selected Papers
Land Markets and Land Values
February 7, 2017 3:30 pm – 5:00 pm
Mobile Convention Center 204B

Session Chair: Justin Benavidez, Texas A&M University

Examining the Relationships between Net Crop Returns, Cash Rents, and Land Values in Indiana
By Nathaniel Carson, Purdue University; Michael Langemeier, Purdue University

Rural Land Transfer, Financial Impact and Land Collateral: Evidence from Nine Chinese Provinces
By Meishan Jiang, South China Agricultural University; Krishna Paudel, Louisiana State University

Overvaluation of Marginal Farmland during Boom Cycles
By Bryon Parman, Mississippi State University

Forecasting Rent Prices in a More Uncertain Future
By Justin Benavidez, Texas A&M University; Erin Hardin, Texas A&M University

Session 55: Lightning Round
Agricultural Finance and Farm Management
February 7, 2017 3:30 pm – 5:00 pm
Mobile Convention Center 204A

Session Chair: Erin Hardin, Texas A&M University

Analysis of Selected Financial Characteristics of Corn-Based Ethanol Enterprises in the United States
By Allan Bacho, Department of Agriculture, Philippines; Olga Murova, Texas Tech University

Ability to Pay and Agriculture Sector Stability
By Erin Hardin, Texas A&M University; John Penson, Texas A&M University

Determining the Optimal Decision to Store or Contract Sale Food-grade Corn, Field-grade Corn, and Soybeans
By Ben Martin, University of Kentucky; Tyler Mark, University of Kentucky

A Quantile Regression Analysis Utilizing Expenditure Data from Kentucky Grain Farms
By Whitney Crume, University of Kentucky; Tyler Mark, University of Kentucky; Jordan Shockley, University of Kentucky; Carl Dillon, University of Kentucky; William Osborne, University of Kentucky

Financial Inclusion, Land Management Right as Collateral, and Mission Drift: Evidence from China
By Meishan Jiang, South China Agricultural University; Krishna Paudel, Louisiana State University

Grassland Easement Evaluation and Acquisition: An Integrated Framework
By Ruiqing Miao, Auburn University; David Hennessy, Michigan State University; Hongli Feng, Michigan State University

Session 56: Selected Papers
Agribusiness Management
February 7, 2017 3:30 pm – 5:00 pm
Mobile Convention Center 107B

Session Chair: Joy Das, Louisiana State University

By Joy Das, Louisiana State University

H-2A Overhead Costs
By Fritz Roka, University of Florida; Derek Farnsworth, University of Florida/IFAS; Skyler Simnitt, University of Florida

Trade Credit Financing Activity among Agro-Food Firms in Africa: Incidence and Determinants
By Stanley Dary, University of Missouri - Columbia

Generational Shadow in Farming Business: How Does It Affect the Succession Process?
By Youzhi Wang, Purdue University; Michael Delgado, Purdue University; Maria Marshall, Purdue University; Craig Dobbins, Purdue University

Session 57: Selected Papers
Business Economics
February 7, 2017 3:30 pm – 5:00 pm
Mobile Convention Center Ballroom West

Session Chair: Cynthia N'dede, Auburn University

Willingness to Train for Better Jobs among Employees in Alabama
By Kilungu Nzaku, University of Alabama

Adoption of Precision Agriculture Technology Bundles on Kansas Farms
By Noah Miller, Kansas State University; Jason Bergtold, Kansas State University; Ignacio Ciampitti, Kansas State University; Ajay Sharda, Kansas State University; Terry Griffin, Kansas State University

The Effect of Small Business Administration (SBA) Disaster Loans on Revenues and Customer Base of Small Businesses in Mississippi after Hurricane Katrina
By Tomoko Hiramatsu, Purdue University; Maria Marshall, Purdue University
Contributing to Economic and Social Development in Sub-Saharan Africa through Value-Added Agriculture
By Cynthia N'dede, Auburn University; Norbert Wilson, Auburn University

Session 58: Posters
February 7, 2017 3:30 pm – 5:00 pm
Mobile Convention Center 204B

Posters will be on display Monday and Tuesday. Presenters will be available during this time for questions.

Intrinsic Honesty and the Prevalence of Rule Violations in Northern Mozambique
By Erin Farmer, University of Arkansas; Aaron Shew, University of Arkansas; Amy Farmer, University of Arkansas; Lawton Nalley, University of Arkansas; Rodolfo Nayga Jr., University of Arkansas; Arya Gaduh, University of Arkansas; Diana Danforth, University of Arkansas

Impact of Climate Change on Food Security of Small Islands: The Case of Mauritius
By Roshini Brizmohun, Auburn University

Climate Change Mitigation Policy Impacts: A Case of the Regional Greenhouse Gas Initiative Program
By Sung Ju Cho, Korea Rural Economic Institute; Bruce McCarl, Texas A&M University

Analyzing Kentucky Farmers and Farm Attributes with their Farm Efficiency, Sustainability and Diversification
By Swagata Banerjee, University of Wisconsin – Platteville; Buddhi Gyawali, Kentucky State University; Bijesh Mishra, Kentucky State University; Krishna Paudel, Louisiana State University; Neelam Poudyal, University of Tennessee - Knoxville

Unintended Consequences of Reading Nutrition Labels
By Fuad Alagsam, University of Kentucky; Jack Schieffer, University of Kentucky

Investigating Homeowners' Preferences for Smart Irrigation Technology Features
By Xumin Zhang, University of Florida; Hayk Khachatryan, University of Florida; Michael Dukes, University of Florida

Price-Weight Relationships for Feeder Cattle: A Dairy Beef Assessment
By Lee Schulz, Iowa State University; Brenda Boetel, University of Wisconsin-River Falls

Labor Heterogeneity in Cocoa Production: Insights from Ghana
By Francis Tsiboe, University of Arkansas; Bruce Dixon, University of Arkansas; Jeff Luckstead, University of Arkansas; Lawton Nalley, University of Arkansas

Consumer Acceptance of Uses of Biotechnology
By Lisa House, University of Florida; Joanna Karavolias, University of Florida

Evaluating the Potential for Robotic Technology in California Table Grape Production
Oil Price Shocks and Macroeconomic Instability in an Oil-dependent Economy
By Ibtisam Al Abri, University of Florida; Gulcan Onel, University of Florida

Biofuel Substitution and Carbon Dioxide Emission: Implications for Biofuel Mandate
By Dong Hee Suh, Korea University

Estimating Incentive Payments to Encourage the Adoption of Upland Bird Habitat Field Borders in Tennessee
By Nathaniel Bruce, University of Tennessee; Christopher Boyer, University of Tennessee; Aaron Smith, University of Tennessee; Christopher Clark, University of Tennessee; Lori Duncan, University of Tennessee; Michael Buschermohle, University of Tennessee

Optimal Milk Production for Cows in Beef Cattle Production
By Christopher Boyer, University of Tennessee; Sarah Edwards-Condra, University of Tennessee; Jeremy Hobbs, University of Tennessee; Travis Mulliniks, University of Tennessee; Andrew Griffith, University of Tennessee

By Leon Hounnou, Oklahoma State University

Economic Viability of Utilization of Agricultural Waste for Bioenergy Production
By Prabodh Illukpitiya, Tennessee State University; Ibukun Alegbeleye, Tennessee State University; Enefiok Ekanem, Tennessee State University; Fisseha Tegegne, Tennessee State University

Identifying and Assessing Financial and Legal Liabilities for Louisiana Agritourism Operators
By Maria Bampasidou, Louisiana State University; Dora Ann Hatch, Louisiana State University AgCenter

Assessing Residents' Willingness to Pay for Greenways and Trails: Tallahassee, Florida Experience
By Alfredo Lorenzo, Florida A&M University; Daniel Solis, Florida A&M University; Michael Thomas, Florida A&M University; James Muchovej, Florida A&M University

Hedonic Valuation of Greenspace Amenities and School District Boundaries in Fayette County
By Willie Bedell, University of Kentucky

Decision Support for Palmer Amaranth Weed Control
By Karen Lindsay, University of Arkansas; Muthukumar Bagavathiannan, Texas A&M University; Michael Popp, University of Arkansas; Jason Norsworthy, University of Arkansas

Economic Analysis of Hay Storage
By Justin Benavidez, Texas A&M University; David Anderson, Texas A&M University

Educating Veterans, Farmers and Ranchers to Improve Agriculture Sustainability in Socially Disadvantaged Communities
By Samuel Zapata, Texas A&M University

**Estimating Cost of Production and Supply Potential of Industrial Hemp in Arkansas**
By Luke Lane, University of Arkansas; Michael Popp, University of Arkansas; Jennie S. Popp, University of Arkansas

**An Evaluation of Soybean Breeding Efforts Targeted at Either High Oil or High Protein Content**
By Xing Xingying, University of Arkansas; Michael Popp, University of Arkansas; Pengyin Chen, University of Missouri; Pedro Manjarrez-Sandoval, University of Arkansas; Edward Gbur Jr., University of Arkansas

**High Efficiency Houses can be Affordable and Sustainable**
By Sierra Howry, University of Wisconsin - River Falls; Dean Monroe, SCV Habitat for Humanity

**Value of Women to the Farm**
By Chandler Purdom, Murray State University; Michelle Santiago, Murray State University

**Economic Performance of a Proposed Interbasin Transfer for Northeast New Mexico**
By Jonas Moya, New Mexico State University

**Perceptions of Solar Water Heating Panel Attributes by Rural Households**
By Anna Klepacka, Wasraw University of Life Sciences; Patrycja Śliąsna, Warsaw University of Life Sciences; Ewelina Smolańczuk, Warsaw University of Life Sciences; Katarzyna Wójcik, Warsaw University of Life Sciences; Wojciech Florkowski, University of Georgia

**Agronomic and Eating Peanut Attributes: Preferences of Farmers in Northern Ghana**
By Wojciech Florkowski, University of Georgia; Mohammed Ibrahim, Fort Valley State University; Walter Moturi, University of Georgia; Shashidara Kolavalli, International Food Policy Research Institute

**Profitability of Beef Cattle Best Management Practices in South Texas: Improving Profitability with Genetically Superior Sires and Higher Breeding Ratios**
By Alan Young, Texas A&M University; Joe Paschal, Texas A&M AgriLife Extension; Steven Klose, Texas A&M University

**Analysis of Agricultural Risk Coverage and Price Loss Coverage Payments to and Distribution of Generic Base Acres in Mississippi**
By Lawrence Falconer, Mississippi State University Extension Service

**Drought Impacts on Rice and Wheat Production: A District-level Study in India**
By Aaron Shew, University of Arkansas

**Economic Impact of the Alabama Horse Industry**
By Darcey Richburg, Auburn University; Deacue Fields, Auburn University; Patricia Duffy, Auburn University; Elizabeth Wagner, Auburn University

**An Analysis of the South Carolina Peanut Industry**
By Yuliya Bolotova, Clemson University; Nathan Smith, Clemson University

**Agricultural Land Use Trends and Drivers in the Northern and Southern High Plains of Texas**
Disaggregating Beef Demand: Trends and Changes in Wholesale Beef Product Prices
By Jackie Chen, Oklahoma State University; Derrell Peel, Oklahoma State University

Impact of Volatile Commodity Prices and Investment Costs on the Economic Feasibility of Subsurface Drip Irrigation
By Bridget Guerrero, West Texas A&M University; Stephen Amosson, Texas A&M AgriLife Extension Service; Rachel Owens, West Texas A&M University; Lal Almas, West Texas A&M University; Thomas Marek, Texas A&M AgriLife Extension Service; Dana Porter, Texas A&M AgriLife Extension Service

Revenue Impacts of Marketing Price Decision Timing within a State Soybean Research Verification Program
By Charles Stark, University of Arkansas at Monticello; Chad Norton, University of Arkansas Division of Agriculture; Jeremy Ross, University of Arkansas Division of Agriculture; Paul Francis, University of Arkansas at Monticello; Chris Elkins, University of Arkansas Division of Agriculture

The Impact of Private Research and Development Investments on the Agricultural Industry
By Vijay Subramaniam, Morehead State University; Maegan Vonderhost, Morehead State University

Stochastic and Deterministic Cotton Yield Response and Dynamic Optimization of Nitrogen in the Texas High Plains
By Chandra Dhakal, University of Georgia; Kelly Lange, Texas Tech University; Megha Parajulee, Texas A&M AgriLife Research Center; Eduardo Segarra, Texas Tech University

Real-Time Ultrasound Technology Influence on Replacement Heifer Sales Price
By Amanda Conley, University of Kentucky; Tyler Mark, University of Kentucky; Kenneth Burdine, University of Kentucky

Is Industrial Hemp for Seed, Fiber, and Grain Cost Competitive?
By Thomas Sewell, University of Kentucky; Tyler Mark, University of Kentucky

Impact of the Food safety Events on the U.S. Beef Export to the EU
By Elham Darbandi, University of Kentucky; Sayed Saghaian, University of Kentucky

Online Shoppers and their Levels of Awareness for Market Outlets for Local Fresh Produce
By Jean Dominique Gumirakiza, Western Kentucky University

Using Quantile Regression to Estimate Dairy Production Models
By Jessica Richard, University of Kentucky; Tyler Mark, University of Kentucky

SAEA Editorial Council
February 7, 2017 5:00 – 7:00 pm
RPH Grand Bay Ballroom I

February 7, 2017 6:00 – 8:00 pm
SAEA Reception
Gulf Quest National Maritime Museum.