AGRICULTURAL ECONOMICS

Southern Agricultural Economics Association
51st Annual Meeting Program
February 2-5, 2019
Sheraton Birmingham Hotel
Birmingham, AL

SAEA OFFICERS
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Editors: ............................... Michael Reed and Sayed Saghaian

February 2, 2019 5:00 pm – 7:00 pm
New Officer Orientation
Sheraton Birmingham Hotel Forum D

February 2, 2019 6:00 pm – 8:00 pm
Quiz Bowl Orientation and Refreshments
Sheraton Birmingham Hotel East Meeting Room O

February 3, 2019 8:00 am – 2:00 pm
SAEA Executive Council
Sheraton Birmingham Hotel Forum D

February 3, 2019 8:00 am – 4:00 pm
Quiz Bowl Competition
Sheraton Birmingham Hotel East Meeting Room O & N

February 3, 2019 8:00 am and 4:00 pm
Quiz Bowl Break / Recruitment Fair
Sheraton Birmingham Hotel East Meeting Room Lobby
February 3, 2019 12:00pm – 4:00 pm  
*Registration*  
Sheraton Birmingham Hotel Ballroom Prefunction

February 3, 2019 2:00 pm – 3:30 pm  
*Graduate Students Networking Reception*  
Sheraton Birmingham Hotel East Meeting Room D

February 3, 2019 2:00 pm – 4:00 pm  
*Department Heads’ Meeting*  
Sheraton Birmingham Hotel Forum F

February 3, 2019 2:00 pm – 4:00 pm  
*Southern Extension Economics Committee*  
Sheraton Birmingham Hotel Forum D

February 4, 2019 7:00 am – 5:00 pm  
*Registration*  
Sheraton Birmingham Hotel Ballroom Prefunction

February 4, 2019 8 am – 12:00 pm  
*Quiz Bowl Competition*  
Sheraton Birmingham Hotel East Meeting Room O & N

February 4, 2019 8:00 am and 4:00 pm  
*Quiz Bowl Break / Recruitment Fair*  
Sheraton Birmingham Hotel East Meeting Room Lobby

**OS1: Organized Symposium**  
The Importance of Global Trade Policies/Disputes and Macroeconomic Conditions to Southern U.S. Agriculture  
February 4, 2019 8:30 am – 10:00 am  
Sheraton Birmingham Hotel Forum C

**Organizer:** Stephen Devadoss, Texas Tech University  
**Moderator:** Troy Schmitz, Arizona State University

**Presentations:**  
NAFTA Renegotiations and EU-Mexico Trade Negotiations  
By Luis Ribera, Texas A&M University

Canada-U.S. and EU-U.S. Trade Disputes, and Trans-Atlantic Trade and Investment Partnership  
By Jeff Luckstead, University of Arkansas
China-U.S. Trade Dispute  
By Mary Marchant, Virginia Tech

South Korea-U.S. Trade Agreement and Comprehensive and Progressive Agreement for a Trans-Pacific Partnership  
By Andrew Muhammad, University of Tennessee

International Financial Markets and the Exchange Rate Policies  
By Michael Reed, University of Kentucky

SP01: Selected Papers  
Demand Analysis I: Consumer Preferences for Food Attributes  
February 4, 2019 8:30 am – 10:00 am  
Sheraton Birmingham Hotel East Meeting Room A

Session Chair: Arbindra Rimal, Missouri State University

Factors Influencing Consumers’ Willingness to Pay for Organic Peaches: A Case Study for South Carolina  
By English Lane Ratliff, Michael Vassalos and Marzieh Motallebi, Clemson University

Identifying Local and Organic Consumer Groups using Stated Preferences of Milk  
By Caleb Edward Orr (1), Zhifeng Gao (2) and Lisha Zhang (1)  
1: Clemson University; 2: University of Florida

Consumers’ Willingness to Pay for Local Food in Alternative Restaurant Formats: An Application of the Latent Class Approach  
By Mahla Zare Mehrjerdi (1), Tim Woods (1), Alison Davis (1) and Wuyang Hu (2)  
1: University of Kentucky; 2: Ohio State University

Political Partisanship and Importance of Food Product Attributes with Lower Ecological Impacts  
By Arbindra Rimal, Nichole Busdieker-Jesse and Amanda Wecker, Missouri State University

Ordered Logit Analysis of Interests in Locally Grown, Domestic, and Imported Fresh Produce  
By Wyatt Tucker Lucas and Dominique Gumirakiza, Western Kentucky University

Consumers’ Willingness to Pay for U.S. GM Orange Juice Considering the Local Context Effect  
By Yang Hu (1), Lisa House (1), Brandon McFadden (2) and Zhifeng Gao (1)  
1: University of Florida; 2: University of Delaware

SP02: Selected Papers  
Agricultural Policy: Farm Bill  
February 4, 2019 8:30 am – 10:00 am  
Sheraton Birmingham Hotel East Meeting Room H
**Session Chair: Todd Davis, University of Kentucky**

**Where the Rubber Meets the Road: Producer Choices for the Seed Cotton Program**  
By Natalie Graff, Joe Outlaw, Henry Bryant, Marc Raulston and George Knapek, Texas A&M University

**Does Double Coverage Mean Double Trouble?: A Look at the Interaction Between ARC and RP**  
By Hunter Biram, Keith Coble, Ardian Harri and Eunchun Park, Mississippi State University

**Commodity Program Analysis of Arkansas Representative Farms Under 2018 Farm Bill Proposals**  
By Grant Wilson, Glory Okpiaifo, Alvaro Durand-Morat, Eric Wailes and Ed Chavez, University of Arkansas

**Estimating Effects of Crop Insurance Enrollment on Farm Input Use**  
By Madhav Regmi, Brian Briggeman and Allen Featherstone, Kansas State University

**Economic Effects of Alternative Farm Program Payment Limitations**  
By Mason Clay Moore, James Richardson, Joe Outlaw and Henry Bryant, Texas A&M University

**Simulated Risk Reduction Provided by New Farm Bill for Kentucky Grain Farms**  
By Todd Davis and Tyler Mark, University of Kentucky

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**SP03: Selected Papers**  
**Production Economics**  
**February 4, 2019 8:30 am – 10:00 am**  
**Sheraton Birmingham Hotel East Meeting Room C**

**Session Chair: Alvaro Durand-Morat, University of Arkansas**

**Is Tomato Production Profitable in South Texas? Which Varieties, Which Production System and When to Produce**  
By Felipe Peguero, Samuel D. Zapata, Carlos Avila and Thiago Marconi, Texas A&M University

**Optimal Portfolio Design to Manage Oyster Resources**  
By Frederick Nyanzu (1), Daniel Petrolia (1), Ardian Harri (1), Just Cebrian (2) and Bill Walton (3)  
1: Mississippi State University; 2: University of South Alabama; 3: Auburn University

**Economic Assessment of Clearfield Rice in the U.S.**  
By Alvaro Durand-Morat and Lanier Nalley, University of Arkansas

**Potential Costs and Benefits of Producing Industrial Hemp in New Mexico**  
By Lenora Gayle Parker-Sedillo and Ram Archarya, New Mexico State University

**Estimating Production of Brewery and Distillery Spent Grains in Tennessee and Identifying Sustainable Uses**  
By Sarah Elizabeth Best, Aaron Smith, David Hughes and Edward Yu, University of Tennessee
Assessing Structural Factors Affecting Agritourism Location in Tennessee
By Ummey Honey, Aditya Khanal and Omobolaji Omobitan, Tennessee State University

SP04: Selected Papers
Climate Change Impacts and Adaptation
February 4, 2019 8:30 am – 10:00 am
Sheraton Birmingham Hotel Forum E

Session Chair: Susana Ferreira, University of Georgia

Climate Variability and Crime in the Southern States
By Suzan Odabasi and Valentina Hartarska, Auburn University

The Vulnerability of Energy System to Extreme Weather: A Case Study in Texas Gulf Coast Region
By Xiaoyang Deng, Bruce McCarl and Yangyang Xu, Texas A&M University

Farmers’ perception on climate change and factor influencing adaptation in Chitwan, Nepal
By Hari Regmi, University of Tennessee

The Survival of Agricultural Farms under Droughts
By Jianhong Mu, Texas A&M University

How Can Economics Inform Flood Risk Management?
By Mona Ahmadiani (1), Susana Ferreira (2) and Craig Landry (2)
1: Wake Forest University; 2: University of Georgia

Effects of Climate Stress on Beef Carcass Traits
By Juwon Jang and Ariun Ishdorj, Texas A&M University

SP05: Selected Papers
Water Quantity and Quality
February 4, 2019 8:30 am – 10:00 am
Sheraton Birmingham Hotel Forum F

Session Chair: Ted Robinson Woolsey, Texas Tech University

Interdisciplinary Modeling: Estimating Welfare from Improved Water Quality Using Water Quality Models
By Caroline Kelsoe, Matthew Interis and Seong Yun, Mississippi State University

Implications of the Federal Crop Insurance Program on Water Sustainability in the United States
By Prasenjit Ghosh, Ruiqing Miao and Emir Malikov, Auburn University

Economic Impacts of Groundwater Salinity in Louisiana
By Rajan Dhakal and Krishna Paudel, Louisiana State University
Willingness to Harvest Rainwater on the Texas High Plains
By Ted Robinson Woolsey (1), Ryan Blake Williams (1), Nathan Howell (2), Conrad P Lyford (1)
1: Texas Tech University; 2: West Texas A&M University

Flood Impact, Adaptation, and Ways Forward- A Case from Nepal
By Santosh Pathak (1), Hari Krishna Panta (2), Thaneshwar Bhandari (2), Arun KC (3) and Krishna Paudel (1)
1: Louisiana State University; 2: Tribhuvan University, Nepal; 3: International Maize and Wheat Improvement Center

OS02: Organized Symposium
2019 Southern Crops Economic Outlook
February 4, 2019 10:15 am – 11:45 am
Sheraton Birmingham Hotel Forum C

Organizer: Todd Davis, University of Kentucky
Moderator: Nathan Smith, Clemson University

Presentations:
Wheat and Sorghum Outlook for 2019
By Samuel Zapata, Texas A&M University

Corn Outlook for 2019
By Todd Davis, University of Kentucky

Soybean Outlook for 2019
By Aaron Smith, University of Tennessee

Cotton Outlook for 2019
By John Robinson, Texas A&M University

Peanut Outlook for 2019
By Adam Rabinowitz, University of Georgia

Specialty Crops Outlook for 2019
By Elizabeth Canales, Mississippi State University

SP06: Selected Papers
International Trade I
February 4, 2019 10:15 am – 11:45 am
Sheraton Birmingham Hotel East Meeting Room A

Session Chair: Scott Wayne Hall, University of Kentucky
Can U.S. Import Regulation Reduce IUU Fishing?
By Yingkai Fang (1) and Frank Asche (1), (2)
1: University of Florida; 2: University of Stavanger, Norway

Simulation of Chinese Sorghum Imports: U.S. and Global Impacts
By Wei Zhang (1) and Mary A. Marchant (2)
1: University of Kentucky; 2: Virginia Tech

Impact of Egyptian Rice Acreage Reduction on Global Rice Market
By Glory Esohe Okpiaifo, Grant Wilson, Alvaro Durand-Morat and Eric Wailes, University of Arkansas

Estimating the Trade Impacts of Alternative Treatments for Foot and Mouth Disease
By Frannie Miller, Lirong Liu and Steve Shwiff, Texas A&M University - Commerce

Is Customs Union and Accession to EU Good or Bad for Turkey-US-EU Agriculture Efficiency?
By Saleem Shaik and Ekrem Ergun, North Dakota State University

US-Brazil Bilateral Fuel Ethanol Trade
By Scott Wayne Hall and Michael Reed, University of Kentucky

SP07: Selected Papers
Demand Analysis II: Marketing and Consumer Preferences
February 4, 2019 10:15 am – 11:45 am
Sheraton Birmingham Hotel East Meeting Room H

Session Chair: Ben Campbell, University of Georgia

Consumers' Willigness to Pay for Potting Mix with Biochar
By McKenzie Thomas (1), Kimberly Jensen (1), Christoper Clark (1), Dayton Lambert (2), Burton English (1) and Forbes Walker
1: University of Tennessee; 2: Oklahoma State University

Selling and Buying Online: A National Survey of Chinese Rural Households
By Tong Chen (1), Yifan Tang (1), Ping Qing (1) and Wuyang Hu (2)
1: Huazhong Agricultural University; 2: The Ohio State University

Information Sources Driving Purchasing of Lavender Products
By Ben Campbell (1), Vanessa Shonkwiler (1) and Josh Berning (2)
1: University of Georgia; 2: Colorado State University

Fresh and Processing Market Demand for Organic Grapes in New Mexico
By Marco DAndrea, New Mexico State University

Attributes Influencing Consumers Familiarity with Local Labels: A Case Study for South Carolina
By Bailee Nicole Hawkins, Michael Vassalos, and Marzieh Motallebi, Clemson University
Consumer Food Preference Changes in Russia  
By Magdana Kondaridze and Vardges Hovhannisyan, University of Wyoming

Labor Relations, Brand Value, and Trust in Agricultural Cooperatives  
By Andrew Stevens, Mississippi State University

SP08: Selected Papers  
Economics of Livestock Production I  
February 4, 2019 10:15 am – 11:45 am  
Sheraton Birmingham Hotel East Meeting Room C

Session Chair: Christopher Boyer, University of Tennessee

Optimal Forage and Supplement Balance for Organic Dairy Farms in the Southeastern United States  
By John Allison, Carl Dillon and Kenneth Burdine, University of Kentucky

Pasture Management Influence on Amount of Hay Fed to Beef Cattle  
By Christopher Boyer (1), Andrew Griffith (1), Dayton Lambert (2), Christopher Clark (1) and Burton English (1)  
1: University of Tennessee; 2: Oklahoma State University

Pasture Based Grazing: A Vital Choice for Southeast Dairy Producers?  
By Mohammed Ibrahim and Nalini Pattanaik, Fort Valley State University

Analysis of Economic Opportunity of Retaining Ownership of Cow-Calf Operations under Three Production Systems: Grazing Experiments in Southeastern U.S  
By Emmanuel Omotayo Akande, Damian Adams and Spiro Stefanou, University of Florida

The Impact of ELD Trucking Regulations on Cattle Prices in the South  
By Anastasia Thayer, Charley Martinez, Justin Benavidez and David Anderson, Texas A&M University

Factors Affecting Pure-bred Nellore Prices Sold in Auctions in Brazil  
By Yuri Calil (1), Luis Ribera (1), David Anderson (1) and William Koury (2)  
1: Texas A&M University; 2: Brasilcomz, Brazil

SP09: Selected Papers  
Economics of Water Conservation and Irrigation  
February 4, 2019 10:15 am – 11:45 am  
Sheraton Birmingham Hotel Forum E

Session Chair: Kent Kovacs, University of Arkansas

The Influence of Existing Irrigation Practices on the Choice of Irrigation Water Sources and Surface Water Infrastructure  
By Alfred Narh, Nii Abrahams and Kent Kovacs, University of Arkansas
A Landscape Level Approach to Assessing the Economic Feasibility of Managed Aquifer Recharge  
By Dat Tran and Kent Kovacs, University of Arkansas

Efficient Row Crop Irrigation Practices and the Role of Peer Networks  
By Robert Rosene, Kent Kovacs and Crystallyne Landram, University of Arkansas

Does Crop Insurance Inhibit Climate-Change Irrigation-Technology Adoption?  
By Sarah Sellars, Nathanael Thompson, Michael Wetzstein, Laura Bowling, Keith Cherkauer, Jane Frankenberger and Linda Prokopy, Purdue University

A Choice Experiment to Understand Willingness to Pay for Groundwater Preservation  
By Grant West, Heather Snell, Kent Kovacs and Rodolfo M. Nayga, University of Arkansas

Agricultural Decisions in Response to Groundwater Salinity in Irrigated Lands  
By Juhee Lee and Nathan Hendricks, Kansas State University

**SP10: Selected Papers**  
**Price Analysis**  
February 4, 2019 10:15 am – 11:45 am  
Sheraton Birmingham Hotel Forum F

**Session Chair:** Lisha Zhang, Clemson University

Price-Fixing in the United States Broiler and Pork Industries  
By Yuliya Bolotova, Clemson University

Price Discovery in Fed Cattle and Measuring Market Thinness  
By Elena Brookover, Brian Coffey and Glynn Tonsor, Kansas State University

Price Forecasts for Fresh Tomatoes, Cantaloupes, Spinach, Spring Onions, Watermelons, Cabbages, Onions, and Oranges  
By Lisha Zhang (1) and James L Seale (2)  
1: Clemson University; 2: University of Florida

Price Discovery and Integration of the Peanut Markets in the United States  
By Hannah Bryce Hawkins and Senarath Dharmasena, Texas A&M University

Spatial Price Relationships of Agricultural and Fishery Commodities in Japan – The Great East Japan Earthquake  
By Sungtae Eun and Omar Cortez, Texas Tech University

The Use of Price Elasticity to Estimate Future Volatilities: An Application of Stochastic Partial Equilibrium Model Analysis  
By Byung Min Soon (1), Sukho Han (2), Wyatt Thompson (1) and Patrick Westhoff (1)  
1: University of Missouri; 2: Chungnam National University, South Korea
February 4, 2019 12:00 pm – 1:15 pm  
51st SAEA Annual Meetings Luncheon  
Sheraton Birmingham Hotel East Ballroom B

Welcome by Deacue Fields, SAEA President

Presidential Address  
Krishna Paudel

Legends vs. Quiz Bowl Champs  
February 4, 2019 1:30 pm – 3:00 pm  
Sheraton Birmingham Hotel East Meeting Room O

OS03: Organized Symposium  
2019 Southern Livestock Economic Outlook  
February 4, 2019 1:30 pm – 3:00 pm  
Sheraton Birmingham Hotel Forum C

Organizer: Todd Davis, University of Kentucky  
Moderator: Kenny Burdine, University of Kentucky

Presentations:  
Beef Outlook for 2019  
By Josh Maples, Mississippi State University

Poultry and Pork Outlook for 2019  
By Max Runge, Auburn University

Hay and Forage Outlook for 2019  
By Chris Prevatt, University of Florida

Sheep and Goat Outlook for 2019  
By David Anderson, Texas A&M University

Dairy Outlook for 2019  
By Adam Kantrovich, Clemson University

SP11: Selected Papers  
Food and Agricultural Marketing and Promotion  
February 4, 2019 1:30 pm – 3:00 pm  
Sheraton Birmingham Hotel East Meeting Room A
**Session Chair**: James Barnes, Mississippi State University

**The Florida Tomato Committee’s Education & Promotion Program 2011 - 2016: An Evaluation**
By Fangyi Zhang and John VanSickle, University of Florida

**Use and Benefits Associated with State Marketing Programs**
By Anwesha Chakrabarti (1), Ben Campbell (2), Adam Rabinowitz (2) and Brady Brewer (3)
1: University of Connecticut; 2: University of Georgia; 3: Purdue University

**Factors Influencing New Farmers’ Quality and Safety Behavior of Fresh Agricultural Products in the Social Media Environment**
By Zhaohui Yang (1) (2), Krishna Paudel (1) and Xiaowei Wen (2)
1: Louisiana State University; 2: South China Agricultural University, China

**Consumer Marketing for Local Foods Tourism Using Facebook: A Natural Field Experiment**
By James Barnes and Kalyn Coatney, Mississippi State University

**Can Facebook Branding Increase Agribusiness Company Sales? Evidence from a Retail Agricultural Cooperative in Mississippi**
By James Barnes and Kalyn Coatney, Mississippi State University

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**SP 12: Selected Papers**
**Agricultural Best Management Practices and Conservation**
**February 4, 2019 1:30 pm – 3:00 pm**
**Sheraton Birmingham Hotel East Meeting Room H**

**Session Chair**: Deepthi Kolady, South Dakota State University

**An Economic Analysis of Cover Crop Utilization in Georgia Cotton and Peanut Production**
By Guy Albritton Hancock (1), Yangxuan Liu (1), Amanda Smith (1) and Alejandro Plastina (2)
1: University of Georgia; 2: Iowa State University

**Adoption of Diverse Crop Rotation: Drivers and Implications**
By Deepthi Kolady, Tong Wang, Jessica Ulrich-Schad and Weiwei Zhang, South Dakota State University

**Modelling Timber and Non-timber Forest Products: An Attempt to Bridge Biodiversity Conservation and Rural Populations’ Well-being**
By Lauriane Yehouenou and Kelly Grogan, University of Florida

**The Effect of Crops’ Price and Yield Change on the Conservation Reserve Program Enrollment**
By Hua Wang (1), Naveen Adusumilli (1), Michael Deliberto (1) and Rowell Dikitanan (2)
1: Louisiana State University; 2: International Center for Tropical Agriculture, Philippines

**Optimal Easement Lengths for Optimizing Net Carbon Sequestration and Economic Returns through Afforestation**
By Kent Kovacs and Karli Moore, University of Arkansas
SP 13: Selected Papers  
International Trade II  
February 5, 2017 1:30 pm – 3:00 pm  
Sheraton Birmingham Hotel East Meeting Room C

**Session Chair:** Saleem Shaik, North Dakota State University

**Determinants of China’s Seafood Trade Patterns**  
By Bixuan Yang, Frank Asche and James Anderson, University of Florida

**US Agricultural Exports to AGOA countries: A Dynamic Gravity Model Approach**  
By Elsie Otibu Bossman Mpere (1), Osei Yeboah (1) and Saleem Shaik (2)  
1: North Carolina A&T State University; 2: North Dakota State University

**Demand System and Market Share of Myanmar Melons in China Market**  
By Wuit Yi Lwin and Shida Rastegari Henneberry, Oklahoma State University

**Importance of Free Trade Agreements on U.S. Agriculture Trade**  
By Saleem Shaik (1) and Osei Yeboah (2)  
1: North Dakota State University; North Carolina A&T State University

**NAFTA Renegotiations and U.S. Beef Industry**  
By Osei Yeboah, Paula Faulkner and Theophilus Amoah, North Carolina A&T State University

**U.S. Withdrawal from the TPP and North Carolina Pork Industry**  
By Amber Brown (1), Osei Yeboah (1) and Saleem Shaik (2)  
1: North Carolina A&T State University; 2: North Dakota State University

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SP 14: Selected Papers  
Economics of Technology Adoption  
February 4, 2019 1:30 pm – 3:00 pm  
Sheraton Birmingham Hotel Forum E

**Session Chair:** Stephen Morgan, University of Florida

**Allocative Inefficiency under Heterogeneous Technology in Bolivian Agriculture**  
By Travis McArthur, University of Florida

**Field Size, Shape, and Slope Effects on the Economics of Tractor Guidance Systems**  
By Aaron M. Shew (1), Amanda Ashworth (2), Karen Lindsay (3), Michael Popp (3) and Phillip Owens (2)  
1: Arkansas State University; 2: USDA Agricultural Research Service; 3: University of Arkansas

**Agricultural Innovation and Technology Adoption: Incentives for Delay Reconsidered**  
By Stephen Morgan (1), Nicole Mason (2), Robert Shupp (2) and Robert Myers (2)  
1: University of Florida; 2: Michigan State University
Awareness and Adoption of Unmanned Aerial Vehicles among Missouri farmers: An Empirical Investigation
By Theodoros Skevas and Nicholas Kalaitzandonakes, University of Missouri

Does Farmer-to-Farmer Extension Increase Willingness-to-pay for New Agricultural Technologies?
Experimental Auction Results from Tanzania
By Stephen Morgan (1), Nicole Mason (2) and Mywish Maredia (2)
1: University of Florida; 2: Michigan State University

Factors Motivating Producer Use of Soil Sensor Technology
By Ethan Cartwright, Adam N. Rabinowitz, Abigail Borron, Jessica Holt and Amanda Smith, University of Georgia

SP15: Selected Papers
Price Analysis and Agricultural Finance
February 4, 2019 1:30 pm – 3:00 pm
Sheraton Birmingham Hotel Forum F

Session Chair: Kelly Lange, Texas Tech University

The Impact of Bank Deregulations on Agricultural Loan Delinquencies
By Eric C. Davis and Ani Katchova, Ohio State University

Saving Motives of U.S. Farmers during the 2007-2009 Financial Crisis
By Kelly Lange, Abbas Aboohamidi and Sanja Zivkovic, Texas Tech University

Cross-product Hedging for Farm Service Companies
By Tyler Joseph Raine and Frannie Miller, Texas A&M University- Commerce

How Cryptocurrencies Prices Affect Each Other?
By Ze Shen, David Bessler and David Leatham, Texas A&M University

Analysis of Blockchain Impact on US Stock Market
By Ze Shen, Reid Stevens and David Leatham, Texas A&M University

The Impact of Prices of Oil, Currency, and Capital on Food Prices: An Empirical Evidence from the Panel VAR Analysis
By Riza Radmehr (1), (2) and Shida Rastegari Henneberry (1)
1: Oklahoma State University; 2: Ferdowsi University of Mashhad, Iran

BREAK
February 4, 2019 3:00 pm – 3:30 pm
Sheraton Birmingham Hotel Ballroom Prefunction
OS04: Organized Symposium
Farm Bill Policy in 2019
February 4, 2019 3:30 pm – 5:00 pm
Sheraton Birmingham Hotel Forum C

Organizer: Keith Coble, Mississippi State University
Moderator: Barry Barnett, University of Kentucky
Discussant: Keith Coble, Mississippi State University

Presentations:
Farm Bill’s Commodity Programs and Crop Insurance
By Joe Outlaw, Texas A&M University

Farm Bill’s Implications for Cotton Producers
By Darren Hudson, Texas Tech University

The Farm Bill and the Future of the Supplemental Nutrition Assistance Program
By Elizabeth Canales, Mississippi State University

SP16: Selected Papers
Food Demand, Health and Nutrition
February 4, 2019 3:30 pm – 5:00 pm
Sheraton Birmingham Hotel East Meeting Room A

Session Chair: Carlos Carpio, Texas Tech University

Does the Revised Nutrition Facts Panel Affect Sugary Beverage Consumption? An Eye-Tracking Application
By Zachary T. Neuhofer (1), Brandon R. McFadden (2), Hayk Khachatryn (1), Alicia Rihn (1), Xuan Wei (1)
1: University of Florida; 2: University of Delaware

Why “Half Your Plate” May Not Be Enough” - Measuring Perceptions of Nutritional Content of U.S.-Grown Produce
By Mariah Danielle Beverly, Clint Neill and Kim Morgan, Virginia Tech

Convex Self-Control Cost and Differential Calorie Treatment in Sugar-rich and Fat-rich Menus
By Samir Huseynov and Marco Palma, Texas A&M University

The Effect of Nutritional and Exercise Knowledge to Healthy Diets after Hypertension and Diabetes Diagnosis
By Jin Gi Won (1), Doo Bong Han (1), Dae Hee Chung (1) and Wanki Moon (2)
1: Korea University, South Korea; 2: Southern Illinois University
Heterogeneity of Impacts of a Nutritional Policy: The Case of the Traffic-Light Nutritional Labelling in Ecuador
By Carlos Carpio (1) and Luis Sandoval-Mejia (2)
1: Texas Tech University; 2: Zamorano University, Honduras

Empirical Assessment of Endogeneity and Instrumental Variables in a Complex Economic System using Graph Theoretic Approach: An Application to the U.S. Food Environment
By Senarath Dharmasena and David Bessler, Texas A&M University

Session Chair: Wojciech Florkowski, University of Georgia

The Gender Productivity Gap and Women's Agricultural Participation: The Case of Coffee Farmers in Colombia and Ecuador
By Jorge Jair Avila-Santamaria (1) and Maria del Pilar Useche (2)
1: Universidad de San Francisco de Quito, Ecuador; 2: University of Florida

Corruption and Regulation across firms in selected developing countries
By Mahla Zare Mehrjerdi and Sayed Saghaian, University of Kentucky

Dam, Forced Relocation, and Poverty: Vulnerability Assessment of the Displaced People
By Siyu He (1), (2), Krishna Paudel (1) and WeiZhong Zeng (2)
1: Louisiana State University; 2: Sichuan Agricultural University, China

Potential Options for Enhancing Farm Productivity in Nepal
By Ram Acharya, New Mexico State University

Smallholder Farmers’ Demand for Farm Mechanization in the Mid-hills of Nepal
By Gokul Paudel, Krishna Koirala, Dilli KC and Dil Rahut, Louisiana State University

Farmer choice of strategies alleviating food insecurity due to changing weather patterns
By Ebrima Sonko (1), Wojciech Florkowski (2), Sampson Agodzo (1) and Phillip Antiwe-Agyei (1)
1: Kwame Nkrumah University of Science and Technology, Ghana; 2: University of Georgia

Session Chair: James Larson, University of Tennessee
Return and Risk Profile of a Potential Pennycress Processing Facility for the Aviation Industry
By Carlos Omar Trejo-Pech, James Larson, Burton English and Edward Yu, University of Tennessee

Farm-level Risk Management Potential of Pennycress as a Bioenergy Cover Crop in a Corn-Soybean Rotation
By James Larson, Carlos Trejo-Pech, Burton English and Edward Yu, University of Tennessee

Expansion of GLADIS for Modeling Next Generation Bioproduct and Bioenergy Market Logistics
By Heydi Calderon Ambelis, Michael Buser, Rodney Holcomb, Collin Craige and Guy Buser, Oklahoma State University

Contracting in the Presence of Insurance: The Case of Bioenergy Crop Production
By Mohit Anand (1), Ruiqing Miao (1) and Madhu Khanna (2)
1: Auburn University; 2: University of Illinois at Urbana-Champaign

Producers’ Willingness to Provide Crop Residue for Bioenergy Production
By Abdul Wahab Salifu (1), Haluk Gedikoglu (2) and Joseph Parcell (3)
1: Lincoln University of Missouri; 2: Konya Food and Agricultural University; 3: University of Missouri

Soybean Biodiesel Blends and Price Pass-Through Behavior in Southeastern Retail Diesel Markets
By Scott Parrott, Joey Mehlhorn, Nealy Dalton and Tommy Cates, University of Tennessee at Martin

SP19: Selected Papers
Technical Efficiency and Productivity Analysis
February 4, 2019 3:30 pm – 5:00 pm
Sheraton Birmingham Hotel Forum E

Session Chair: Daniel Solis, Florida A&M University

Diversification, Efficiency and Productivity in Catch Share Fisheries
By Daniel Solis (1), Juan Agar (2) and Julio del Corral (3)
1: Florida A&M University; 2: NOAA Fisheries Service; 3: Universidad de Castilla-La Mancha, Spain

Partial Technical Efficiency Analysis and Agricultural Productivity Across the Southern States in the US: A Comparative Analysis
By Kartik Vijaybhai Joshi, Michée Arnold Lachaud, Daniel Solis and Michael Thomas, Florida A&M University

Productivity Decomposition with Parametric and Nonparametric Frontiers: Application to Wisconsin Dairy Production
By Kota Minegishi (1) and Simon Jette-Nantel (2)
1: University of Minnesota; 2: University of Wisconsin

Udder Efficiency: A Panel Stochastic Efficiency Model of the Relationship Between Somatic Cell Count and Dairy Farming Practices
By Alexander Ogden Swartz, Sayed Saghaian and Tyler Mark, University of Kentucky
**Identifying Efficiency Gains in Cooperatively Owned Cotton Warehouses**
By Jessica Ashley Richard, Oklahoma State University

**An International Comparison of Cost Efficiency for Corn and Soybean Farms**
By Rachel Purdy and Michael Langemeier, Purdue University

YP: Young Professionals
February 4, 2019 3:30 pm – 5:00 pm
Panel for Young Professionals
Sheraton Birmingham Hotel Forum F

Organizer and Moderator: Luis Ribera, Texas A&M University

Panelists:
Deacue Fields III, University of Arkansas
Parr Rosson, Texas A&M University
Octavio Ramirez, University of Georgia

February 4, 2019 4:00 pm -5:00 pm
*Quiz Bowl Break/Recruitment Fair*
Sheraton Birmingham Hotel East Meeting Room Lobby

February 4, 2019 5:15 pm – 7:00 pm
*SAEA Business Meeting and Awards Program*
Sheraton Birmingham Hotel Birmingham Ballroom 5/9

February 4, 2019 6:30 – 8:30 pm
*Undergraduate Student Reception*
Cantina Laredo @ 2301 Richard Arrington Jr. Blvd.

February 5, 2019 8:00 am – 5:00 pm
*Registration*
Sheraton Birmingham Hotel Ballroom Prefunction

SAEA Lifetime Achievement Awards Breakfast
February 5, 2019 8:00 am – 10:00 am
Sheraton Birmingham Hotel Birmingham Ballroom 11/12
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 2018 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: Lisa House, University of Florida

Presenters:

Stephen Devadoss, Texas Tech University
Mike Reed, University of Kentucky
John VanSickle, University of Florida

ES: Emerging Scholars
February 5, 2019 10:30 am – 12:00 pm
Emerging Scholars Presentations
Sheraton Birmingham Hotel Forum C

Session Chair: Krishna Paudel, SAEA President-Elect, Louisiana State University

Presentations:
Climate, Insurance, and Innovation: the Case of U.S. Agriculture
By Ruiqing Miao, Auburn University

Consumer-driven Food and Nutrition Policy in the United States
By Alba Collart, Mississippi State University

The Value of Nutritional Information and Impact on Food Choice
By Brandon McFadden, University of Delaware

SP20: Selected Papers
Food Assistance, Food Security and Food Safety
February 5, 2019 10:30 am – 12:00 pm
Sheraton Birmingham Hotel East Meeting Room A

Session Chair: Clinton Neill, Virginia Tech

Do Food Purchases by Supplemental Nutrition Assistance Program Recipients Vary in Nutrition Quality Over the Benefit Month?
By Chandra Dhakal, University of Georgia

Nutrients Required and Acquired: An Overview of SNAP Eligible and Ineligible Household Behaviors
By Aaron Michael Ates and Rodney B. Holcomb, Oklahoma State University
Effects of Gender on Food Security and Health Outcomes
By Anne Musa, Carlos Carpio, Ryan Williams and Boonsaeng Tullaya, Texas Tech University

Effects of Food Assistance Program on Low Income Household Food Security
By Osei Yeboah (1), Saleem Shaik (2), Sung-Jin Lee (1) and Jamal Musah (1)
1: North Carolina A&T State University; 2: North Dakota State University

Evaluating the Double Up Food Bucks Program in Arkansas
By Di Fang, Michael Thomsen, Rodolfo Nayga and Colton Henderson, University of Arkansas

Effects of Media Duration on U.S. Egg Consumption and Egg Recalls
By Clinton Neill and Susan Chen, Virginia Tech

SP21: Selected Papers
Land Values
February 5, 2019 10:30 am – 12:00 pm
Sheraton Birmingham Hotel East Meeting Room H

Session Chair: Dongmei Li, Sichuan Agricultural University

The Influence of Land Titling Policy on Peasant Households’ Land Disposal Behavior: A Seemingly Unrelated Fractional Semiparametric Model
By Kai Liu (1) (2), Krishna Paudel (1), Mingzhong Luo (2)
1: Louisiana State University; 2: South China Agricultural University, China

The Impact of Bank Concentration on Land Values
By Ana Claudia SantAnna and Ani Katchova, The Ohio State University

Green Acres: A Study on the Determinants of Cropland Values in Mississippi
By Evan James Gregory and Xiaofei Li, Mississippi State University

Farmland Investment: A Portfolio Perspective
By Ashraf Noumir, Purdue university

Utilizing Farmland Sales data as a Proxy for Estimating the Long-term Benefits of Cover Crops
By Robert Ellis, Tyler Mark and Jordan Shockley, University of Kentucky

Constructing Rigorous Relative Price Indices of Agricultural Land in the Developed and Developing World
By Richard Nehring (1), Jon McFadden (1), Matthew Liebman (2), Wendong Zhang (2), Nila Ghosh (3) and Yu Sheng (4)
1: USDA Economic Research Service; 2: Iowa State University; 3: University of Delhi; 4: University of Peking, China
Session Chair: Jerrod Penn, Louisiana State University

The Extent of Hypothetical Bias in Willingness to Accept: A Field Experiment
By Jerrod Penn (1) and Wuyang Hu (2)
1: Louisiana State University; 2: Ohio State University

Congestion Costs Matter in Valuing Recreational Fishing for Urban Residents
By Richard Melstrom (1) and Taylor Welniak (2)
1: Loyola University Chicago; 2: Oklahoma State University

Valuing Sites of Cultural and Historical Significance in the Mississippi Delta
By Kaylee Katherine Wells, Matthew Interis, Andrew Stevens and Ardian Harri, Mississippi State University

The Impacts of Environmental Disamenities on Housing Values in East Africa
By Yousef Alkilany and Denis Nadolnyak, Auburn University

The Tragedy of the Common Bacteria: Valuing the Population of Antibiotic-susceptible Bacteria in Feed Cattle
By Ashley Hamilton, Ryan Blake Williams and Guy Loneragan, Texas Tech University

Session Chair: Amy Hagerman, Oklahoma State University

Analysis of Closed versus Operating Dairies in the Southeastern United States
By Jade Desha Ellis (1), Karen Lewis DeLong (1), Dayton Lambert (2), Susan Schexnayder (1), Peter Krawczel (1) and Steve Oliver (1)
1: University of Tennessee; 2: Oklahoma State University

Feeder Cattle Shrink in the Southern Region of the United States
By Charles Canuto Martinez, Justin Benavidez, Anastasia Thayer and David Anderson, Texas A&M University
Business Continuity Implications for Dairy Creameries Sourcing Milk Near Foot-and-mouth Disease Outbreak Control Zones
By Amy Hagerman (1), Joleen Hadrich (2), Chris Wolf (3) and David South (4)
1: Oklahoma State University; 2: University of Minnesota; 3: Michigan State University; 4: Colorado State University

Assessment of Labor Recruitment and Retention Challenges within the Cattle Feeding Industry
By Garrett Robinson, Mallory Vestal, Bridget Guerrero and Ty Lawrence, West Texas A&M University

Farmer Perception of Current U.S. Livestock Indemnity Policy
By Victoria Campbell and Jada Thompson, University of Tennessee

The Impacts of Pregnancy and Risk of Abortion on Replacement Cow/Heifer Values
By Tori Marshall (1), Kelyn Coatney (1), Jane Parish (1), Josh Maples (1), Brian Williams (2) and Randall Little (1)
1: Mississippi State University; 2: Nebraska Public Power District

SP24: Selected Papers
Issues for Small and Beginning Farmers
February 5, 2019 10:30 am – 12:00 pm
Sheraton Birmingham Hotel Forum F

Session Chair: Dominique Gumirakiza, Western Kentucky University

Examining Capital Constraints and Financing Sources: How Do Small Farms Meet their Agricultural Spending and Expenses?
By Omobolaji Omobitan, Aditya Khanal and Ummey Honey, Tennessee State University

Agricultural Value-Added: Prospects for Small and Disadvantaged Farmers in North Carolina
By Anthony Yeboah, John Paul Owens, Jarvetta Bynum and Obed Quaicoe, North Carolina A&T State University

Feelings About Farm Financial Position among Kentucky Farmers: Do Beginning Farmers Feel the Same as Experienced Farmers?
By Dominique Gumirakiza, Audrey Barnett, Morgan Mason and Wyatt Lucas, Western Kentucky University

Training, Developing and Mentoring Beginning Organic Dairy and Feed Producers
By Siny Joseph, Kansas State University

Examining Small Farmers’ Networks and the Effect on Financial Performance
By Aditya Khanal (1), Fisseha Tegegne (1), Lan Li (1), Stephen Goetz (2), Yicheol Han (2), Stephen Tubene (3) and Andy Wetherill (4)
1: Tennessee State University; 2: Penn State University; 3: University of Maryland Eastern Shore; 4: Delaware State University
Barriers Farmers Face Regarding Beginning Farmer Government Programs
By Benjamin Travlos, Nichole Busdieker-Jesse and Christine Sudbrock, Missouri State University

February 5, 2019 12:00 pm – 1:30 pm
Lunch Break

OS05: Organized Symposium
Food Delivery Innovations in China: Lessons for Food Safety and Consumer Trust
February 5, 2019 1:30 pm – 3:00 pm
Sheraton Birmingham Hotel Forum C

Organizer and Moderator: William H. Meyers, University of Missouri

Factors Affecting Chinese Consumers’ Participation in Fresh Produce E-Commerce
By Shuoli Zhao (1), Lijun Chen (1), Chao Chen (2) and Qianqian Zhai (2)
1: University of Missouri; 2: Nanjing Agricultural University, China
Discussant: Zhifeng Gao, University of Florida

Food Delivery Innovations in China and Food Safety Concerns
By Lixia Zhang, Zengjin Liu and Meilian Yu, Shangai Academy of Agricultural Sciences, China
Discussant: Mary Marchant, Virginia Tech

OS06: Organized Symposium
Preparing for the Job Market
February 5, 2019 1:30 pm – 3:00 pm
Sheraton Birmingham Hotel East Meeting Room D

Organizer: Graduate Student Activities Committee
Panelists: To Be Announced

SP25: Selected Papers
Experimental & Behavioral Economics and Non-Market Valuation
February 5, 2019 1:30 pm – 3:00 pm
Sheraton Birmingham Hotel East Meeting Room H

Session Chair: Matthew Interis, Mississippi State University

Do Large Screen Stimuli affect Consumers Preferences and Choices in Choice Experiments
By Xumin Zhang and Hayk Khachatryan, University of Florida
Comparing Inferred Attribute Non-Attendance Between Best-Worst Scaling and Willingness to Pay Choice Experiments
By John Lai (1), Nicole Widmar (2), Courtney Bir (2) and Christopher Wolf (3)
1: Abraham Baldwin Agricultural College; 2: Purdue University; 3: Michigan State University

How Strategic are Stated Preference Survey Respondents in the Simplest Choice Settings?
By Matthew Interis, Mississippi State University

Happy to Take Some Risk: A More Accurate Assessment of the Dependence of Risk Preferences on Mood Using Biometric Data
By Bachir Kassas (1), Marco Palma (2) and Maria Porter (3)
1: University of Florida; 2: Texas A&M University; 3: Michigan State University

Selection, Intake, and Plate Waste Patterns of Leftover Food Items from a Pilot Study with U.S. Consumers
By Brian Roe (1), Danyi Qi (2), John Apolzan (2) and Corby Martin (2)
1: Ohio State University; 2: Louisiana State University

SP26: Selected Papers
Demand Analysis III
February 5, 2019 1:30 pm – 3:00 pm
Sheraton Birmingham Hotel East Meeting Room C

Session Chair: Jose Lopez, Texas A&M University-Commerce

U.S. Demand for Citrus Beverages
By Sona Grigoryan and Jose Lopez, Texas A&M University-Commerce

Dynamics of Natural Gas Consumption in Residential Sector Using Error Correction Methods
By Tej Gautam and Krishna Paudel, Louisiana State University

An Empirical Analysis of Electronic Cigarettes Addiction with a Dynamic Model
By Xueting Deng and Yuqing Zheng, University of Kentucky

A Consumer Valuation of Discoloration within Sirloin Steak and Ground Beef
By Ryan Feuz, F. Bailey Norwood and Ranjith Ramanathan, Oklahoma State University

The ACA Medicaid Expansion, Moral Hazard and Tobacco Consumption
By Lingxiao Wang and Yuqing Zheng, University of Kentucky

Beef Demand and Total Carcass Value: Value Relationships among Beef Wholesale Cuts
By Lauren Elizabeth Clark and Derrell Peel, Oklahoma State University
SP 27: Selected Papers
Agricultural Best Management Practices
February 5, 2019 1:30 pm – 3:00 pm
Sheraton Birmingham Hotel Forum E

Session Chair: Unmesh Koirala, University of Florida

**Neighbor Effects on Farmers’ Adoption of Nutrient Management Practices**
By Haluk Gedikoglu (1) and Joseph Parcell (2)
1: Konya Food and Agriculture University; 2: University of Missouri

**Costs of Nitrogen Loading Reductions by Macro-farm Targeting Methods under Climate Change**
By Yuelu Xu and Darrell Bosch, Virginia Tech

**Development of Best Management Practice Simulations with Enterprise Budgets for Production in the Flint and Suwanee River Basins**
By Guy Albritton Hancock (1), Amanda Smith (1), Unmesh Koirala (2), Fei He (2), Damian Adams (2), Tatiana Borisova (2), Kevin Athearn (2), Sandra Guzman (3) and Yangxuan Liu (1)
1: University of Georgia; 2: University of Florida; 3: Auburn University

**Economic Analysis to Support the Development of Agricultural Best Management Practices and Protect Florida’s Springs**
By Fei He, Tatiana Borisova, Kevin Athearn, Robert Hochmuth and Charles Barrett, University of Florida

**Understanding the regional economic impact of adopting agricultural Best Management Practices (BMPs) in the Upper Floridan Aquifer (UFA) region**
By Unmesh Koirala and Damian Adams, University of Florida

**Trade-offs Among Increasing Farm Net Returns and Reducing Emissions of Nitrogen, Phosphorus, Greenhouse Gas Equivalents, and Ammonia in A Dairy Farm**
By Nasim Ebadi, Darrell Bosch and Robin White, Virginia Tech

SP 28: Selected Papers
Economics of Wildlife Spread and Pests
February 5, 2019 1:30 pm – 3:00 pm
Sheraton Birmingham Hotel Forum F

Session Chair: Phil Kenkel, Oklahoma State University

**Feasibility of Feral Swine Trapping Cooperatives**
By Phil Kenkel, Oklahoma State University

**Assessing Risk Perceptions of Farmers toward Problem Wildlife Impacts on Natural Resources**
By Naveen Adusumilli, Shaun Tanger, Hua Wang and Mike Kaller, Louisiana State University

**Potential Welfare Impacts from the Continued Spread of Wild Pigs**
By Jason J Holderieath, Louisiana Tech University
Economic Implications of the Citrus Greening Disease for Texas
By Samuel D. Zapata (1), Felipe Peguero (1), Mamoudou Setamou (2) and Olufemi Alabi (1)
1: Texas A&M University; 2: Texas A&M University - Kingsville

Effect of Crapemyrtle Bark Scale on Economics of Producer Decision Making and Consumer Preferences
By Pulkit Marwah, Yu Yvette Zhang and Mengmeng Gu, Texas A&M University

The impact of a Cattle Fever Tick quarantine on local cattle auction prices
By Justin Reynaldo Benavidez, David Anderson and Samuel Zapata, Texas A&M University

Effects of Drought and Media-Reported Violence on Cattle Fever Ticks Incursions
By Sarah Berman (1), Jada M. Thompson (1), Hallie Hasel (2), Denise Bonilla (2) and Amy Delgado (2)
1: University of Tennessee; 2: USDA-APHIS-Veterinary Services

SP29: Selected Papers
International Trade III
February 5, 2019 1:30 pm – 3:00 pm
Sheraton Birmingham Hotel East Meeting Room A

Session Chair: Jeff Luckstead, University of Arkansas

Impacts of Chinese Tariff on World Soybean Markets
By Ethan Michael Sabala and Stephen Devadoss, Texas Tech University

Comprehensive Poultry Supply Chain Model with Vertical and Horizontal Linkages: Implication of Domestic and International Shocks
By Jeff Luckstead and Hakan Unveren, University of Arkansas

Mitigating 2018 Tariff Losses by Marketing Management – A Soybean Case Study from Arkansas
By Charles Stark, University of Arkansas at Monticello/UA Division of Agriculture

An Analysis of the Market Facilitation Program on Representative Dairies
By Brian Keith Herbst, David Anderson, Joe Outlaw, Natalie Graff, James Richardson, George Knapek and James Marc Raulston, Texas A&M University

Case study of the Essentiality for the Market Facilitation Program
By Micah Newton, Joe Outlaw, J. Marc Raulston and George Knapek, Texas A&M University

Development Strategy of Food-Importing Developing Countries: The Role of Agricultural Trade Policy
By Wanki Moon, Southern Illinois University Carbondale

BREAK
February 5, 2019 3:00 pm – 3:30 pm
Sheraton Birmingham Hotel Ballroom Prefunction
OS07: Organized Symposium
Successful Extension Risk Management Outreach Programming
February 5, 2019 3:30 pm – 5:00 pm
Sheraton Birmingham Hotel Forum C

Moderator: Ron Rainey, University of Arkansas & Southern Risk Management Education Center

Presentations:
Advanced Online Marketing Strategies for Tennessee Farmers
By Megan Bruch Leffew, University of Tennessee

Gate to Plate: Targeting Business and Production Management Training for Women, Beginning & Transitioning Ranchers Selling Meat into the Marketplace
By Sarah Blacklin, North Carolina State University

Implementing Biosecurity & Disease Prevention Measures and Evaluating Marketing Strategies and Contract Opportunities in Small Ruminant Production
By Andrew Griffith, University of Tennessee

OS08: Organized Symposium
Tips for Interviewing and Negotiating Job Offers for Graduate Students
February 5, 2019 3:30 pm – 5:00 pm
Sheraton Birmingham Hotel East Meeting Room D

Organizer: Graduate Student Activities Committee
Panelists: To Be Announced

SP30: Selected Papers
Demand Analysis IV
February 5, 2019 3:30 pm – 5:00 pm
Sheraton Birmingham Hotel East Meeting Room C

Session Chair: Andrew Stevens, Mississippi State University

By Mohammed Ibrahim (1) and Benjamin Onyango (2)
1: Fort Valley State University; 2: Missouri State University

Household Grain Demand Analysis in China: Implications for Grain Imports
By Sanja Zivkovic (1), Kishor Luitel (2) and Haiyan Wang (3)
1: Texas Tech University; 2: Angelo State University; 3: Arkansas Tech University
Semiparametric Estimation of a Censored Demand System: An Application to U.S. Dairy Products Complex
By Long Gao, Senarath Dharmasena and Oral Capps, Texas A&M University

A Comparison of Eco-labeled Household Cleaners and Conventional Cleaners via Demand Side Analysis
By Lianqun Sun, Ryan Blake Williams and Benaissa Chidmi, Texas Tech University

By Armine Poghosyan, Rafael Bakhtavoryan, Jose Lopez and Asli Ogunc, Texas A&M University-Commerce

SP31: Selected Papers
Farm Management and Agricultural Production
February 5, 2019 3:30 pm – 5:00 pm
Sheraton Birmingham Hotel Forum E

Session Chair: Xiaofei Li, Mississippi State University

Prevented Planting Provision Influence on Corn and Cotton Producers’ Late Planting Decision
By Kevin Ray Adkins, Christopher Boyer, Aaron Smith, Andrew Griffith and Andrew Muhammad, University of Tennessee

Temporal Variability of Yield Maps and Its Implications for Management Zone Determination
By Xiaofei Li, Mississippi State University

Forecasting Crop Yields by Continent under Climate Change
By Dae Hee Chung (1), Doo Bong Han (1), Jin Gi Won (1), Wanki Moon (2)
1: Korea University, South Korea; 2: Southern Illinois University

Willingness to Adopt Warm Season Grasses by Tennessee Beef Cattle Operators
By Yongwang Ren (1), Dayton Lambert (2), Christopher Clark (1), Christopher Boyer (1), Burton English (1), Jamey Menard (1), Andrew Griffith (1), Aaron Smith (1), Forbes Walker (1) and Pat Keyser (1)
1: University of Tennessee; 2: Oklahoma State University

Effects of Nitrogen Fertilizer on Grain Yield in Grain Sorghum in the Texas Panhandle
By Christopher Yoe Williams, Kelly Lange, Darren Hudson, Phillip Johnson and Jason Green, Texas Tech University

Herbicide Use Trends: Old Line and New Line Herbicides
By Richard Nehring, USDA Economic Research Service
Session Chair: Alba Collart, Mississippi State University

**Divvying Up the Pie: U.S. Adults’ Preferences for United States Department of Agriculture (USDA) Spending**
By Leslie Shea Gould, Keith Coble and Alba Collart, Mississippi State University

**Potential Effects of the 2018 Farm Bill on the Conservation Reserve Program**
By Brian Cornish and Ruiqing Miao, Auburn University

**Impact of 2018 Farm Bill on EQIP and CRP Conservation Programs in Arkansas**
By Ranjitsinh Uttamrao Mane (1), Brad Watkins (2) and Kalycya Hawkins (1)
1: University of Arkansas at Pine Bluff; 2: University of Arkansas at Fayetteville

**The Real ID Act and Agricultural Exports: A Case Study of an Immigration Policy among U.S. States**
By Yunzhe Zhu, University of Kentucky

**Earnings Differentials Between H-2A and Domestic Workers**
By Skyler Mark Simnitt and Gulcan Onel, University of Florida

**The Effects of U.S Immigration Policies on Productivity and Trade of Specialty Crops**
By Osei Yeboah (1), Saleem Shaik (2), Sung-Lin Lee (1) and Ricky Nimako Owusu (1)
1: North Carolina A&T State University; 2: North Dakota State University

Session Chair: Min Shi, South China Agricultural University

**What Makes People Happy? Explaining the Cross-National Variation of Life Satisfaction**
By Jacqueline Kessler (1), Susana Ferreira (1) and Mona Ahmadiani (2)
1: University of Georgia; 2: Wake Forest University

**Does the Chinese Outward Directed Investment Influence the Level of Income Inequality in African countries? Evidence from Low-income countries**
By Yousef Aburodess Assaid Alkilany and Henry W. Kinnucan, Auburn University

**Nutrition, Multidimensional Poverty, and Income**
By Fan Yang (1), Krishna Paudel (2), Wanqing Sang (1), Tianhui Zhuang (1) and Weizhong Zeng (1)
1: Sichuan Agricultural University, China; 2: Louisiana State University
Food Consumption and Women’s Empowerment, Some Implications
By Sandra Contreras, Kansas State University

A Diagnostic Test for the “Dutch Disease” in the U.S.A using the ARDL Bound Testing Approach
By Kwame Addey, North Dakota State University

The Impact of Conflict on Health in Iraq: Evidence from Microdata
By Ali M. Dawood, Auburn University

Posters
February 5, 2019 3:30 pm – 5:00 pm
Sheraton Birmingham Hotel Ballroom Prefunction

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

Applied Economic Problem Solving: AAEC 4414. (2019 SAEA Outstanding Teaching of a Course Award)
By Kim Morgan, Virginia Tech University

Two Essays on Whole Farm Modeling and Crop Marketing in Western Kentucky. (2019 SAEA Outstanding Master’s Thesis Award) by Ben Martin, University of Kentucky, Advisor: Dr. Tyler Mark

No-Till Farming Practices Offer Cost Savings and More Profit Potential to Cotton and Grain Sorghum Producers
By Alan Mac Young, Jamie Foster, Joshua McGinty, Steven Klose and Andrea Maeda, Texas A&M University

Return Variance in Corn and Soybean Futures Markets Pre- and Post- WASDE Report Release: Implications for Producer Hedging
By Sarah Elizabeth Best (1), Aaron Smith (1), Todd Davis (2) and Chris Boyer (1)
1: University of Tennessee; 2: University of Kentucky

The Costs and Benefits of Using Biological Agents to Control the Air Potato (Dioscorea Bulbifera) in Florida
By Godfred Gakpetor and Michael Thomas, Florida A&M University

Price Discovery in the United States Dairy Industry
By Yuliya Bolotova, Clemson University

The Effect of Foreign Direct Investment on Food Security: A Case Study from Rural Mozambique
By Kali Fleming, Lawton Lanier Nalley, Bruce Dixon and Jennie Popp, University of Arkansas

Developing Soft Skills Through Team Activities
By Joey Mehlhorn, Sandy Mehlhorn, Rachna Tewari and Ben Walker, University of Tennessee at Martin
Fluctuations of apple variety prices on selected wholesale markets in Poland before and after imposition of the Russian embargo
By Anna M. Klepacka (2), Wojciech Florkowski (1) and Cesar Revoredo-Giha (3)
1: University of Georgia; 2: Warsaw University of Life Sciences-SGGW; 3: Scotland Rural College

A GIS Based Approach to Allocating Poultry Litter for Electricity Production and Resulting Economic Impact
By Krishna Paudel (1), Huizhen Niu (1), Doleswar Bhandari (2) and Qiuzhuo Ma (3)
1: Louisiana State University; 2: New Mexico State University; 3: Guangdong University of Foreign Studies, China

Economic Impact of Ethanol Biorefineries in Rural Iowa
By Scott Wayne Hall, Sayed Saghaian and David Freshwater, University of Kentucky

Enhancing Student Learning via Technology: Video Game Simulation Use in Farm Management Courses
By Kelly Lange (1), Rachna Tewari (2), Joey Mehlhorn (2) and Christopher Williams (1)
1: Texas Tech University; 2: University of Tennessee at Martin

Forecasting the Distributions of Energy Commodity Returns: The Importance of Modeling Heterogeneous Dependence Structures
By Kunlapath Sukcharoen (1) and David Leatham (2)
1: West Texas A&M University; 2: Texas A&M University

Adopting a Robotic Dairy Milking System: A Financial Analysis Using Stochastic Simulation
By Ryan Feuz (1) and Dillon Feuz (2)
1: Oklahoma State University; 2: Utah State University

Determinants of Pork Purchase and Consumption Behavior in the US
By Albert Boaitey (1) and Ellen Goddard (2)
1: University of Wisconsin-River Falls; 2: University of Alberta, Canada

Agricultural Value-Added: Prospects for Small and Disadvantaged Farmers in North Carolina
By Anthony Yeboah, John Paul Owens, Jarvetta Bynum and Obed Quaicoe, North Carolina A&T State University

Does Type of Compensation Matter in the Veterinary Profession? A Closer Look at the Gender Wage Gap
By Charlotte Rose Hansen, American Veterinary Medical Association

Are all Animals the Same? A Comparison of Food Retailers’ and Third-Party Animal Welfare Standards
By Michaela Ann Eden, Albert Boaitey and Simon Jette Nantel, University of Wisconsin-River Falls

Impact of Asymmetric Exchange Rate and Relative Price Changes on Agricultural Trade between the U.S. and Korea: Evidence from a Nonlinear ARDL Approach
By Byung Min Soon (1) and Jong Ha Lee (2)
1: University of Missouri; 2: Chosun University, South Korea
People v. GMO Food: The Case of Pandemic Misinformation
By Pulkit Marwah and Yu Yvette Zhang, Texas A&M University

What are Important Factors for the Participation Intention of Farmers on New Agricultural Technology Pilot Projects in Korea?
By Jun Ho Seok, Sang-Heon Oh and Sungwon Jang, National Institute of Agricultural Sciences, South Korea

By Sungwon Jang, National Institute of Agricultural Sciences, South Korea

Projections of Soybean Breakeven Prices, Profits, and Losses Using Preharvest Booking Prices and Cost of Production Budgets
By Charles Robert Stark (1) and Breana Watkins (2)
1: University of Arkansas at Monticello/UA Division of Agriculture; 2: UA Division of Agriculture

High School Outreach Curriculum Development: Introducing High School Students to Various Aspects of Farming Through an Agricultural Camp
By Sierra Howry, Samantha Payne, Matthew Digman and Nick Hovel, University of Wisconsin-River Falls

Cooperative Plot Day Effects on Purchasing Decisions
By Sierra Howry and Cassandra Dietz, University of Wisconsin-River Falls

Analyzing Economic Feasibility of Extending the Growing Season for Vegetable Production
By Brannan Hamm (1), Vijay Subramaniam (1), Tim Woods (2) and Alex Butler (2)
1: Morehead State University; 2: University of Kentucky

Eliciting Value of Urban Forest in Developing Countries: A Case Study from the Philippines
By Alfredo Lorenzo, Michee Lachaud, Michael Thomas and Daniel Solis, Florida A&M University

The Effect of Framing on Genetically Modified Food Choices: A Query Theory Account
By Taylor Pruitt, Nathan Paul Kemper, Jennie Popp and Rodolfo M. Nayga, University of Arkansas

Welfare Consequences of Food Price Increase in Russia
By Magdana Kondaridze and Vardges Hovhannisyan, University of Wyoming

Transboundary Groundwater Management between Mississippi Delta and Memphis
By Hannah Irwin and Seong Yun, Mississippi State University

Determining Optimal Start-up Strategy for a Cow-Calf Producer to Maximize Long-Term Profitability and Minimize Risk
By Jared Matthew Bruhin, Carlos Jose Omar Trejo-Pech, Christopher Boyer and Aaron Smith, University of Tennessee

2018 Producer Trade Assistance Education in Texas
By Henry Nelson and Joe Outlaw, Texas A&M University
Economic Feasibility of Conserving Water with High Value, Locally Grown Vegetable Crop Production
By Mandi Boychuck (1), Bridget Guerrero (1), Charles Rush (2) and J. Tanner Robertson (1)
1: West Texas A&M University; 2: Texas A&M University

How Do Water Conservation Technologies Impact Welfare?
By Saber Feizy (1) and Seyed Safdar Hosseini (2)
1: University of Kentucky; 2: University of Tehran, Iran

Willingness to Pay to Support Non-Honey Bee Pollinator Conservation
By Alexander Paul Hildreth (1), Jerrod Penn (1), Macy Hagan (2) and Wuyang Wu (3)
1: Louisiana State University; 2: University of Kentucky; 3: Ohio State University

Trade-offs Among Increasing Farm Net Returns and Reducing Emissions of Nitrogen, Phosphorus, Greenhouse Gas Equivalents, and Ammonia in A Dairy Farm
By Nasim Ebadi, Darrell Bosch and Robin White, Virginia Tech

Australian Shepherd Owners' Preferences for Dog Food
By Megan Ashley Cirkles, Robert L. Williams, Jose Lopez and Ray Green, Texas A&M University - Commerce

Economic Comparison of Pasture-based Forage Management Systems for Beef Cattle in the Midwest
By Nichole Lydia Busdieker-Jesse, Missouri State University

Using Topological Data Analysis to Understand the Effect of Community Rating System on Flood Hazard Mitigation
By Mohammadreza Zarei and Craig Landry, University of Georgia

Do our Food Choices, Shopping Habits and Demographics Reflect our Definitions of Sustainability?
By Arbindra Rimal, Christine Sudbrock and Frianca Nance, Missouri State University

A Preliminary Investigation into the Tanzania Banana Industry Value Chain
By Greg Fonsah (1), David Nyakundi Onchonga (2), Georgia Mkoma (2) and Digna Swai (3)
1: University of Georgia; 2: Mwenge Catholic University, Tanzania; 3: East West Seed, Tanzania

Student Debt Beyond Stage One
By Frederic Bouinzemwinde Ouedraogo, American Veterinary Medical Association

Livestock Farmers’ Adoption of Non-conventional Feedstuffs in Nigeria
By Bankole Olashile Onabajo, Agrocampus Ouest, France

Agricultural Risk Taking Behavior of Small Producers in Alabama
By Lila B. Karki, Ntam Baharanyi and Uma Karki, Tuskegee University

Examining Switchgrass Yield, Chemical Composition, and Waste Given Varying Amounts of Nitrogen Fertilizer
By Kevin Alan Robertson, Burton English and Katryn Pasaribu, University of Tennessee
Examining Restaurateurs’ Preference and Selection of Niche Agricultural Products  
By Miller Kinstley, Laura Greenhaw and Melissa Moore, Mississippi State University

Breakeven Analysis for South Carolina Peach Enterprise Budgets  
By Cody McLeod White, Nathan Smith and Michael Vassalos, Clemson University

Multidimensional Measurement of Poverty in Uganda  
By Dependra Bhatta, Krishna Paudel and Sarah Kagoya, Louisiana State University

Identification of Critical Source Area for Achieving Water Quality Goal in the Most Efficient Manner by Using Various BMPs  
By Bijay Pokhrel (1) and Krishna Paudel (2)  
1: Tarleton State University; 2: Louisiana State University

February 5, 2019 6:00 – 8:00 pm  
SAEA Reception  
Topgolf Birmingham at 1111 24th St. N.