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**AGRICULTURAL ECONOMICS**

**Southern Agricultural Economics Association  
52nd Annual Meeting Program  
February 1-4, 2020  
Omni Louisville Hotel  
Louisville, KY**

**SAEA OFFICERS**

**President..... Krishna Paudel  
President-Elect ..... Tim Woods  
Past-President ..... Deacue Fields  
Director ..... Luis Ribera  
Director ..... Michael Vassalos  
Director ..... Chris Boyer  
Secretary ..... Nathan Smith  
Treasurer ..... Jeffrey L. Jordan  
Editors: ..... Michael Reed and Sayed Saghaian**

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**February 1, 2020 5 pm – 7 pm  
*New Officer Orientation*  
Omni Louisville Hotel  
Olmsted 2**

**February 1, 2020 6 pm – 8 pm  
*Quiz Bowl Orientation*  
Omni Louisville Hotel  
Olmsted 1**

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**February 2, 2020 8:00 am – 2:00 pm  
*SAEA Executive Council*  
Clifton**

**February 2, 2020 8:00 am – 4:00 pm  
*Quiz Bowl Competition*  
Cherokee Triangle, Germantown & Old Louisville**

**February 2, 2020 8:00 am and 4:00 pm  
*Quiz Bowl Break / Recruitment Fair*  
Germantown Prefunction**

**February 2, 2020 12:00pm – 4:00 pm**

***Registration***

**Second Street Prefunction**

**February 2, 2020 2:00 pm – 3:30 pm**

***Graduate Students Networking Reception***

**Olmsted 1**

**February 2, 2020 2:00 pm – 4:00 pm**

***Department Heads' Meeting***

**Clifton**

**February 02, 2020 4:00 pm – 4:15 pm**

***SAAS General Business Meeting***

**Commonwealth 3**

**February 02, 2020 5:00 pm**

***Super Bowl Party***

**Sponsored by Southern Farm Bureau Life Insurance Co.**

**Jackson, Mississippi and Affiliates**

**Griff's Sports Restaurant**

**133 W Liberty (directly across street)**

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**February 3, 2020 7:00 am – 5:00 pm**

***Registration***

**Second Street Prefunction**

**February 3, 2020 8 am – 12:00 pm**

***Quiz Bowl Competition***

**Cherokee Triangle, Germantown & Old Louisville**

**February 3, 2020 8:00 am and 4:00 pm**

***Quiz Bowl Break / Recruitment Fair***

**Germantown Prefunction**

**OS1: Organized Symposium**  
**Online Teaching: Are You Closer Than You Think?**  
**February 3, 2020 8:30 am – 10:00 am**  
**Olmsted 7**

**Organizer:** Roger Brown, University of Kentucky; Michael Vassalos, Clemson University  
**Moderator:** Roger Brown, University of Kentucky

**Participants:**

Jerrod Penn, Louisiana State University

Michelle Kibler, Illinois State University

Michael Vassalos, Clemson University

Catherine DiBenedetto, Clemson University

Roger Brown, University of Kentucky

**SP01: Selected Papers**  
**Agricultural Production 1**  
**February 3, 2020 8:30 am – 10:00 am**  
**Rye**

**Session Chair:** Richard Nehring, USDA/ERS

**What do Late Calving Cows Cost?**

By Christopher Boyer (1), Kenneth Burdine (2), Justin Rhinehart (1) and Charles Martinez (3)  
1: University of Tennessee; 2: University of Kentucky; 3: Texas A&M University

**The Role of Social Networks in Precision Leveling and Cover Crops Choices for Producers in the Arkansas Delta**

By Victoria Paige Bailey and Kent Kovacs, University of Arkansas

**Pest Management: Weed Management and Reliance on Older Herbicides**

By Richard Nehring, USDA/ERS

**Impact of Climate Change on No-Till Winter Wheat in Texas**

By Jared Netardus, Jacob Manlove, Edward Osei and Chandra Andrew, Tarleton State University

**Profitability of Pasture Aeration as Affected by Timing**

By Michael Peter Popp (1), Amanda J Ashworth (2), Karen Renee Lindsay (1), Phillip R Owens (3) and Melissa McCarver (4)

1: University of Arkansas; 2: USDA ARS Poultry Production and Product Safety Research Unit, Fayetteville, AR, US; 3: USDA-ARS Dale Bumpers Small Farms Research Center, Booneville, AR, US; 4: Beaver Watershed Alliance, Springdale, AR, US

**Using Hamiltonian Monte Carlo to Estimate Crop Response Functions with Stochastic Plateaus**  
By John N. Ng'ombe and B. Wade Brorsen, Oklahoma State University

**The Economic Use of Cotton Gin Trash: A Case Study of Lubbock County**  
By Abidemi Toyosi Adisa and Michael Farmer, Texas Tech University

**SP02: Selected Papers**  
**Demand Analysis**  
**February 3, 2020 8:30 am – 10:00 am**  
**Crescent Hill**

**Session Chair:** Rafael Bakhtavoryan, Texas A&M University-Commerce

**Empirical Analysis of Factors Influencing Households' Demand for Omega-3 Enriched Eggs in the United States**  
By Rafael Bakhtavoryan and Jose Lopez, Texas A&M University-Commerce

**U.S. Apparel Import Demand with Source-Differentiated AIDS Model**  
By Bing Liu (1), Darren Hudson (1), and Jon Devine (2)  
1: Texas Tech University; 2: Cotton Incorporated

**Brisket Demand: Smokin' Hot! Or Low and Slow?**  
By Charles Canuto Martinez (1), David P. Anderson (2), and Christopher N. Boyer (1)  
1: University of Tennessee; 2: Texas A&M University

**U.S. Consumer's Intake of Food At Home and Food Away from Home as A Complex Economic System**  
By Faith Abigail Parum and Senarath Dharmasena, Texas A&M University

**Producer Perceptions and Willingness to Adopt Adaptive Multi-Paddock Grazing**  
By McKenna Elizabeth Clifford and Melissa G.S. McKendree, Michigan State University

**The effect of convex self-control cost in real effort and food choices**  
By Samir Huseynov, Marco A. Palma, and Alexander L. Brown, Texas A&M University

**A refined method to elicit consumers' truthful willingness- to-pay for pecan**  
By Yiwen Zhao and Bachir Kassas, University of Florida

**SP03: Selected Papers**  
**Agricultural Production and Finance**  
**February 3, 2020 8:30 am – 10:00 am**  
**Barley**

**Session Chair:** Mark Raulston, Texas A&M University

**An Economic Valuation of Biotic Pollination Services in Georgia**

By John Bergstrom, Susana Ferreira, and Rachel Pless, University of Georgia

**Sensitivity of Representative Farm Financial Viability to Alternative Debt Levels and Interest Rates**

By Mark Raulston, Henry L. Bryant, Bart L. Fischer, Joe L. Outlaw, and George M. Knappek, Texas A&M University

**Evaluating Strategies to Drought Proof the Ranch**

By Justin Reynaldo Benavidez, Pancho J. Abello, David P. Anderson, Charley C. Martinez, and Anastasia W. Thayer, Texas A&M AgriLife Extension

**A Portfolio Approach to Crop Histories on Mean Yields**

By William Bennett Bradley, Jr (1), Park Eunchun (1), and Stevens Andrew (2)

1: Mississippi State University; 2: University of Wisconsin-Madison

**Merges and Acquisitions under Market Power: The case of the U.S. Agribusiness Industry**

By Yejun Choi (1), Dayton M. Lambert (1), and Carlos O. Trejo-Pech (2)

1: Oklahoma State University; 2: The University of Tennessee

**Examining Productivity Growth of Farm Credit System**

By Madhav Regmi, New Mexico State University

**Food security analyses using binary-outcome models with observable non-binary outcomes**

By Anne Oluwatosin Musa, Carlos Enrique Carpio, and Ryan Blake Williams, Texas Tech University

**SP04: Selected Papers**

**International Issues**

**February 3, 2020 8:30 am – 10:00 am**

**Butchertown**

**Session Chair:** Felipe Silva, Clemson University

**Estimating Demand Elasticities for Rice in Benin**

By Ogoudele Simon Codjo (1), Alvaro Durand-Morat (2), Lawton Lanier Nalley (2), Rodolfo Nayga (2), and Eric Wailes (2)

1: University of Florida; 2: University of Arkansas

**The Impact of Refugee Immigrants on Germany's Agricultural Trade**

By Yunzhe Zhu, University of Kentucky

**Substitution or Complement: How do Contractual and Relational Governance Affect Chinese Farmer Cooperative Members' Organizational Commitment?**

By Lijun Zeng (1), Junyi Wan (1), and Krishna P. Paudel (2)

1: South China Agricultural University; 2: Louisiana State University (LSU)

**To sell or not to sell? The effect of distance to market on Peruvian farmers' decision of marketing their production**

By Felipe Silva (1), Michael Vassalos (1), Aaron Turner (1), Mateus Neves (2), and Carlos Freitas (3)

1: Clemson University; 2: Federal University of Viçosa; 3: Rural Federal University of Rio de Janeiro

**Application of Stochastic Production Frontier in the Estimation of Technical Efficiency of Village Poultry Subsector in Kenya**

By James O. Bukenya (1) and Sylvester S. Ndzovu (2)

1: Alabama A&M University; 2: Sustainable Agriculture Community Development Programme

**Factors that Affect Feed Efficiency of Rwandan Small-Scale Broiler Production**

By Ty Wolaver and Jada Thompson, University of Tennessee

**The Effect of Maternal Beliefs on Parental Investment in Rural China**

By Meichen Lu and Ellen McCullough, University of Georgia

**OS02: Organized Symposium  
Policymaking in Agriculture  
February 3, 2020 10:15 am – 11:45 am  
Olmsted 7**

**Organizer:** Michael Reed, University of Kentucky

**Moderator:** Michael Reed, University of Kentucky

**Participants:**

Matt Erickson, Chief Economist, U.S. Senate Agriculture Committee

Bart Fischer, Chief Economist, U.S. House Agriculture Committee

Ryan Quarles, Commissioner of Agriculture, Commonwealth of Kentucky

**SP05: Selected Papers  
Marketing & Promotion  
February 3, 2020 10:15 am – 11:45 am  
Rye**

**Session Chair:** Alison Grant, Purdue University

**Competition Issues in the United States Beef Industry**

By Yuliya Bolotova, Clemson University

**Nudging away from plastic bags with charitable donations**

By Sapana Bastola (1), Jerrod Penn (1), and Wuyang Hu (2)

1: Louisiana State University (LSU); 2: The Ohio State University

**Economic Impact of Agriculture to Texas GDP**

By Glenn Conover, Jacob Manlove, and Gracie Martin, Tarleton State University

**Factors affecting the adoption of risk management strategies by small farmers in Tennessee**

By Sudip Adhikari and Aditya R Khanal, Tennessee State University

**U.S. Dairy Farm Transition and Exits, 1987 to 2017**

By Miyeon Son, Jessica Richard, and Dayton M. Lambert, Oklahoma State University

**Distributional Effects of Reducing Meat Production in U.S. Agriculture**

By Alison Grant and Jayson Lusk, Purdue University

**Mexican Consumers' Preferences for U.S. and Texas Beef**

By Manuel de Jesus Garcia and Carlos Enrique Carpio, Texas Tech University

**SP06: Selected Papers**

**Price Analysis**

**February 3, 2020 10:15 am – 11:45 am**

**Crescent Hill**

**Session Chair:** Todd Davis, University of Kentucky

**A Hedonic Assessment of Beef Bull Attributes with Implicit Market Segmentation**

By Minfeng Tang (1), Nathanael M. Thompson (1), Christopher Boyer (2), Nicole J. Widmar (1), Jason L. Lusk (1), Terry S. Stewart (1), Donna L. Lofgren (1), and Nick Minton (1)

1: Purdue University; 2: University of Tennessee, Knoxville

**Have Kentucky Grain Farms Stopped Bleeding Working Capital? Prospects for the Next Five Years**

By Todd Davis, Jonathan Shepherd, and Tyler Mark, University of Kentucky

**The Amenity Value of Green Space in Georgia: A Hedonic Pricing Approach**

By Fayu Chong and Susana Ferreira, University of Georgia

**Benchmarking Analysis of Cattle Auction Prices in South Texas**

By Samuel D. Zapata and David Anderson, Texas A&M University

**Modeling the Soft Red Winter Wheat Prices Using Interval-valued Time-Series Data**

By Prasanna Suratkhal and Madan Mohan Dey, Texas State University

**Evolution of Fed Cattle Carcass Value**

By Madeline Gabrielle Poss, Kalyn Coatney, Daniel Rivera, Thu Dinh, Josh Maples, and Randy Little, Mississippi State University

**Benefits and Costs of Wind Hazard Mitigation**

By Leslie Shea Gould (1), Daniel Petrolia (1), Josh Maples (1), Reid Cummings (2), and Seong Yun (1)

1: Mississippi State University; 2: University of South Alabama

**SP07: Selected Papers**  
**Demand Analysis and Policy**  
**February 3, 2020 10:15 am – 11:45 am**  
**Barley**

**Session Chair:** Alba Collart, Mississippi State University

**The Incomplete Market Mechanism and the Role of the State in Agricultural Development**

By Wanki Moon and Juan Taramuel, Southern Illinois University at Carbondale

**Does larger package size make us consume more sugar-sweetened beverages?**

By Yufeng Luo and Chen Zhen, University of Georgia

**Modelling Predatory Journals Behavior Intensity and Survivability**

By Carlos Trejo-Pech (1), Jada Thompson (1), and Sharon Thach (2)

1: University of Tennessee; 2: Tennessee State University

**Do Federal Farm Programs Affect Efficiency and Productivity?**

By Saleem Shaik, North Dakota State University

**Household Meat Demand – Consumption and Expenditure Analyses**

By Olumide Rinde Aborisade (1), Carlos Enrique Carpio (2), and Tullaya Boonsaeng (2)

1: Abraham Baldwin Agricultural College; 2: Texas Tech University

**A Course in Digital Agriculture**

By Thanos Gentimis, Maria Bampasidou, and Lawson Connor, Louisiana State University

**Consumer Purchasing Response to Genetically Engineered Labeling in Vermont**

By Betty Thomas (1), Linlin Fan (2), Andrew Stevens (3), Alba Collart (1), Josh Maples (1), and Ardian Harri (1)

1: Mississippi State University; 2: Penn State University; 3: University of Wisconsin, Madison

**SP08: Selected Papers**  
**Agricultural Production 2**  
**February 3, 2020 10:15 am – 11:45 am**  
**Butchertown**

**Session Chair:** Elizabeth Gabriela Gutierrez, Kansas State University

**A risk analysis evaluation of nitrogen management with cover crops in corn production**

By Hua Wang, Naveen Adusumilli, and Daniel Fromme, Louisiana State University

**An Economic Analysis of Nitrogen Management Practices for Florida Carrot Production**

By Fei He, Tatiana Borisova, Kevin Athearn, Charles Barrett, Robert Conway, Hochmuth, and Damian Adams, University of Florida

**Optimal Beef Cow Stocking Rates in the U.S. Southern Plains**

By Leann Westbrook, Eric DeVuyst, Wade Brorsen, and Laura Goodman, Oklahoma State University



**A Farm-Level Economic Analysis on Implementing Water Use Efficiency (WUE) Technologies in Southeastern Wyoming**

By Alicia Grahmann (1), Kristiana Hansen (1), and Dannele Peck (2)

1: University of Wyoming; 2: USDA-ARS

**Historical financial performance of publicly traded agri-food companies**

By Elizabeth Gabriela Gutierrez, Kansas State University

**Hemp: The Next American Staple Crop?**

By Megan Moore, George Knapek, Outlaw Joe, and Fischer Bart L., Texas A&M University

**Evaluating Returns to Crop Insurance in the Mid-South**

By Lawson Connor, Louisiana State University

**February 3, 2020 12:00 pm – 1:15 pm**  
**52<sup>nd</sup> SAEA Annual Meetings Luncheon**  
**Commonwealth 04/05**

**Welcome**

**Krishna Paudel, SAEA President**

**Presidential Address**

**Tim Woods, SAEA President-Elect**

**Legends vs. Quiz Bowl Champs**

**February 3, 2020 1:30 pm – 3:00 pm**  
**Old Louisville**

**3MT: Three Minute Thesis Competition**

**February 3, 2020 1:30 pm – 3:00 pm**  
**Commonwealth 3**

**Session Chair:** James Larson, University of Tennessee

**Consumer Purchasing Response to Genetically Engineered Labeling in Vermont**

By Betty Thomas, Mississippi State University

**Economics Benefit of Pest Risk Prediction Model: An Agent-Based Model Approach**

By Huixin Bian and Zhifeng Gao, University of Florida

**Producer Perceptions and Willingness to Adopt Adaptive Multi-Paddock Grazing**

By McKenna Elizabeth Clifford and Melissa G.S. McKendree, Michigan State University

**The Effect of a Transitional Diet Strategy on Stocker Heifer Performance on Wheat Pasture in the Southern Great Plains Region**

By Barrett Moore (1), Wade Brorsen (1), Jon Biermacher (2), Myriah Johnson (2), Bryan Nichols (3) and Evan Whitley (4)

1: Oklahoma State University; 2: Noble Research Institute; 3: Nichols Family Farms Co; 4: Whitley Agriculture Services

**The Impact of Cloud Seeding on Small Grain Crops: Evidence from The North Dakota Cloud Modification Project**

By Scott William Knowles and Mark Skidmore, Michigan State University

**Winning Ugly: Opportunities to Improve Intentions to Purchase Ugly Food**

By Ran Li, Louisiana State University

**WRP Forest Owners' Willingness to Accept Compensation for Wildlife Habitat Enhancement**

By Ana Gutierrez (1), Jerrod Penn (1), Shaun Tanger (2), and Michael Blazier (1)

1: Louisiana State University; 2: Mississippi State University

**OS03: Organized Symposium  
Agricultural Economists in Industry  
February 3, 2020 1:30 pm – 3:00 pm  
Olmsted 7**

**Moderator:** Krishna Paudel, Louisiana State University

**Participants:**

Irfan Tareen, CenterCard

Basanta Dhungana, Agilent Technologies

Aaron Hobbs, Responsible Industry for a Sound Environment

**SP09: Selected Papers  
Agricultural Policy  
February 3, 2020 1:30 pm – 3:00 pm  
Butchertown**

**Session Chair:** Bart L. Fisher, Texas A&M University

**Evaluating the Efficacy of the New Annual Forage Insurance Program Dual Use Option**

By Natalie A. Graff, Bart L. Fischer, Joe L. Outlaw, and David P. Anderson, Texas A&M University

**Cost of a Mandatory Base Update for Federal Farm Programs**

By Henry R. Nelson, Joe L. Outlaw, Bart L. Fischer, and J. Marc Raulston, Texas A&M University

**Analyzing Dairy Margin Coverage Decisions for Southern Representative Dairies**

By Brian Herbst, Bart Fischer, David Anderson, Joe Outlaw, and Natalie Graff, Texas A&M University

**Impacts of Grocery Sales Taxes on Public Health in the United States**

By Lingxiao Wang (1), Yuqing Zheng (1), Diansheng Dong (2), Hayden Stewart (2), and Harry Mason Kaiser (3)

1: University of Kentucky; 2: United States Department of Agriculture; 3: Cornell University

**Regional Trade Enhancement by AGOA**

By Jamal Musah (1), Osei-Agyeman Yeboah (1), and Saleem Shaik (2)

1: North Carolina Agriculture and Technical State University; 2: North Dakota State University

**Risk Management Options for Hemp Producers**

By George M. Knappek, Joe L. Outlaw, Bart L. Fischer, J. Marc Raulston, and Megan L. Moore, Texas A&M University

**Effect of Crop Insurance on Cover Crop Adoption**

By Rajan Dhakal and Lawson Connor, Louisiana State University (LSU)

**SP10: Selected Papers  
International Policy  
February 3, 2020 1:30 pm – 3:00 pm  
Crescent Hill**

**Session Chair:** Steven Devadoss, Texas Tech University

**Asymmetric Exchange Rate Pass-Through in Southeast Asian Rice Trade**

By Taylor Wiseman, Jeff Luckstead, and Alvaro Durand Morat, University of Arkansas

**Effects of Yuan Devaluation Against US Dollar on World Cotton Markets**

By Stephen Devadoss and Ethan Michael Sabala, Texas Tech University

**Can Foreign Direct Investment Promote Energy Conservation and Emission Reduction in China?**

By Zuocheng Chen (1), Rongqing Zheng (1), and Krishna P. Paudel (2)

1: Shihezi University; 2: Louisiana State University (LSU)

**Effects of Chinese Import Tariffs on US Pork Exports: A Computable General Equilibrium Model Analysis**

By Victoria Tanoh (1), Osei Yeboah (1), and Saleem Shaik (2)

1: North Carolina A&T State University; 2: North Dakota State University

**U.S. Potentials of Biofuel Trade: A World-wide Country Analysis**

By Ayodele Tope Olofinsao (1), Osei-Agyeman Yeboah (1), and Saleem Shaik (2)

1: L.C.Cooper International Trade Center; 2: North Dakota State University

**Farmer Exit Decisions and Climate Change in Mexico**

By Ariel Soto Caro and Travis McArthur, University of Florida

**Institutional Credibility, Perceptions, and Behavior: New Round Land Certification in China**

By Hao Zhang (1), Travis D McArthur (2), and Shuyi Feng (3)

1: Nanjing Agricultural University; 2: University of Florida; 3: Nanjing Agricultural University

**SP11: Selected Papers**

**Demand/Price Analysis**

**February 3, 2020 1:30 pm – 3:00 pm**

**Barley**

**Session Chair:** Senarath Dharmasena, Texas A&M University

**Consumer Reactions to Risk Messaging about Arsenic in U.S. Rice**

By Sunjin Ahn (1), Clinton Neill (2), and Eunchun Park (1)

1: Mississippi State University; 2: Virginia Polytechnic Institute and State University

**Habit Formation in Consumption and Its Impact on Consumer Welfare**

By Dong Hee Suh, Korea University

**Urbanization and Subsistence Consumption: The Case of China**

By Vardges Hovhannisyan (1) and Magdana Kondaridze (2)

1: University of Wyoming; 2: Washington State University

**Animal Identification and Disease Traceability in the United States: Market Impacts and Implications**

By Hannah Elizabeth Shear and Dustin L. Pendell, Kansas State University

**Budget Share Allocation for Fish in Bangladesh: Results from Quantile Regression Analysis of the 2016 Household Income and Expenditure Survey Data**

By Madan Mohan Dey and Prasanna Surathkal, Texas State University

**Determining the factors affecting the growth of the land value in the greater Dallas - Fort Worth - Arlington: focused on residential land value.**

By Toluwani Victor Ogunbayode and Senarath Dharmasena, Texas A&M University

**Cocoa in Ecuador: Specialty Varieties and Post-Harvest Practices**

By Alexis Villacis (1), Jeffrey Alwang (1), and Victor Barrera (2)

1: Virginia Tech; 2: National Institute of Agricultural Research of Ecuador INIAP

**SP 12: Selected Papers**

**Food Marketing**

**February 3, 2020 1:30 pm – 3:00 pm**

**Rye**

**Session Chair:** Zhifeng Gao, University of Florida

**Will the real pro-social justice consumers step forward and pay?**

By Arbindra Rimal, Missouri State University

**Measuring Residents Perceptions of their Local Food Systems in Southern U.S.**

By Azita Varziri, Tim Woods, and Jairus Rossi, University of Kentucky

**Information treatment and attribute non-attendance in choice experiments**

By Yefan Nian and Zhifeng Gao, University of Florida

**Market Potential for Specialty Vegetables in the Southeast USA: Scope and Opportunities for Small Scale Producers**

By Lila B. Karki (1), Uma Karki (1), and Srinivasa Rao Mentreddy (2)

1: Tuskegee University; 2: Alabama A&M University

**Willingness to Purchase Locally-grown Fresh Produce Online among Online Shoppers**

By Jean Dominique Gumirakiza and Spencer Warren Langford, Western Kentucky University

**Social Identity and Food Choices**

By Jennifer Kee (1), Marco Palma (1), and Michelle Segovia (2)

1: Texas A&M University; 2: University of Missouri

**BREAK**

**February 3, 2020 3:00 pm – 3:30 pm**

**Second Street Prefunction**

**JMP: Job Market Paper Competition**

**February 3, 2020 3:30 pm – 5:00 pm**

**Barley**

**Session Chair:** Krishna Paudel, Louisiana State University

**Impacts of Groundwater Extraction Policy Instruments Under Certain and Uncertain Thresholds**

By Dependra Bhatta and Krishna P. Paudel, Louisiana State University

**Intraregional Trade Effects of CAFTA-DR in the Textile and Clothing Industry**

By Alejandra Breve Ferrari, Louisiana State University

**Two Simple Strategies for Reducing Aggregation Bias in Demand System Models**

By Wenying Li, Chen Zhen, University of Georgia

**Weather Variability, Wealth and Labor Mobility**

By Florence Lwiza and Andrew Barkley, Kansas State University

**OS04: Organized Symposium**  
**Early Assessment of the 2018 Farm Bill**  
**February 3, 2020 3:30 pm – 5:00 pm**  
**Olmsted 7**

**Organizer:** Bart Fischer, Texas A&M University

**Moderator:** Joe Outlaw, Texas A&M University

**Participants:**

Bart Fischer, Texas A&M University

David Anderson, Texas A&M University

Nathan Smith, Clemson University

**SP 13: Selected Papers**  
**Agricultural Production 3**  
**February 5, 2017 3:30 pm – 5:00 pm**  
**Crescent Hill**

**Session Chair:** Dayton Lambert, Oklahoma State University

**Forage management practices used in U.S. grass-fed beef production**

By Isaac Sitienei (1), Jeffrey Gillespie (2), and Guillermo Scaglia (3)

1: Austin Peay State University; 2: USDA-ERS; 3: Louisiana State University (LSU)

**Economic Risk Analysis of Modern Irrigation Scheduling Methods on Cotton Production in Georgia**

By Anukul Bhattarai, Yangxuan Liu, Amanda R Smith, Vasileios Liakos, and George Vellidis, University of Georgia

**The Role of Public Spending in Shaping Agricultural Land and Labor Productivity in Colombia**

By Juan Taramuel and Wanki Moon, Southern Illinois University

**Long-term Crop Rotation and Bio-Cover Impacts on No-Tillage Soybean Profitability**

By Xia Zhou (1), James Larson (1), Virginia Sykes (1), Amanda Ashworth (2), and Fred Allen (1)

1: The University of Tennessee, Knoxville; 2: USDA-ARS

**Potential Impact of Innovations in Production and Ginning Technologies on Relative Profitability of Pima and Upland Cotton in the U.S. Southwest**

By Pratima Bhandari (1), Ram N. Acharya (1), John Idowu (1), and Carlos B. Armijo (2)

1: New Mexico State University; 2: USDA – ARS

**New Yield Response Estimators for Spatially Dense Field and Crop Data: Small Sample Properties and an Empirical Example**

By Dayton Lambert and Chellie Hogan, Oklahoma State University

**Analyzing the determinants of Technical Efficiency in Crop Production in Sub-Saharan Africa: Evidence from Mali**

By Ange Thomas Kakpo, Virginia Tech University

**SP 14: Selected Papers  
Farm Management and Finance  
February 3, 2020 3:30 pm – 5:00 pm  
Butchertown**

**Session Chair:** Gregory Ibendahl, Kansas State University

**Determinants of adoption and adoption intensity of precision agriculture technologies: Evidence from South Dakota**

By Deepthi E. Kolady, Md Mahi Uddin, Evert Vander Sluis, and Allen P. Deutz, South Dakota State University

**Economic Feasibility of Brazilian Crop-Livestock Integration System**

By Yuri Calil Calil and Luis Ribera, Texas A&M University

**Factors Influencing Farmers' Willingness to Mortgage Loan on Land Contractual Rights in China**

By Yan Liu (1), YunJia Zheng (1), and Krishna P. Paudel (2)

1: SiChuan Agricultural University; 2: Louisiana State University (LSU)

**Do commodity prices affect agricultural land values? If so, how much?**

By Albert Boaitey and Angela Jungbluth, University of Wisconsin-River Falls

**Does Owning Greater Than Average Amounts of Equipment Affect Profitability**

By Gregory Ibendahl, Kansas State University

**The Effects of Irrigation Restrictions on Land Values and Rental Rates in Northwest Kansas**

By Chelsea J. Arnold and Mykel R. Taylor, Kansas State University

**Potential Effect of Introducing Guar as Rotation Crop on Farm Productivity and Sustainability in the Semiarid Regions**

By Ram Acharya, New Mexico State University

**SP15: Selected Papers  
Natural Resources 1  
February 3, 2020 3:30 pm – 5:00 pm  
Rye**

**Session Chair:** Lixia He Lambert, Oklahoma State University

**A Flood of Construction: Studying the Role of Levees in Urban Floodplain Development**

By Will Cameron Georgic (1) and H. Allen Klaiber (2)

1: Kalamazoo College; 2: The Ohio State University

**The adoption of multiple best management practices by Florida vegetable and agronomic growers**  
By Moonwon Soh, Tara Wade, and Tatiana Borisova, UF-IFAS

**Small-scale fishers' perceptions about the performance of seasonal closures in the commonwealth of Puerto Rico**

By Juan Agar (1), Manoj Shrivani (2), and Daniel Solis (3)

1: Southeast Fisheries Science Center, NOAA Fisheries Service; 2: University of Miami; 3: Florida A&M University

**Spatial-Temporal Impacts of Biofuel Growth on Crop Choice, Groundwater Depletion, and Farm Profitability in the High Plain Aquifer Kansas**

By Amer Al-Sudani, Gabriel Sampson, and Jason Bergtold, Kansas State University

**Does participation in federal conservation program increase conservation? A case study of Louisiana**

By Santosh Pathak, Hua Wang, and Naveen C. Adusumilli, Louisiana State University (LSU)

**Population and Employment Growth Impact on Water Demand in Oklahoma**

By Lixia He Lambert (1), Christopher D. Clark (2), and Larry Sanders (1)

1: Oklahoma State University; 2: University of Tennessee

**Innovating Ecological Compensation System for Water Resources Management Reform**

By Qionxia Qin (2), Reed Michael (1), and Sayed Saghaian (1)

1: University of Kentucky; 2: Zhejiang Sci-Tech University

**February 3, 2020 4:00 pm - 5:00 pm**

**Quiz Bowl Break/Recruitment Fair  
Germantown Prefunction**

**February 3, 2020 5:15 pm – 7:00 pm**

**SAEA Business Meeting and Awards Program  
Commonwealth 3**

**February 3, 2020 6:30 – 8:30 pm**

**Undergraduate Student Reception  
Tavern on Fourth, Upper Level, 427 South 4th Street**

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**February 4, 2020 8:00 am – 5:00 pm**

**Registration  
Second Street Prefunction**



**SAEA Lifetime Achievement Awards Breakfast  
February 4, 2020 8:00 am – 10:00 am  
Commonwealth 4**

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 2019 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: Deacue Fields, University of Florida

Presenter:

Keith Coble, Mississippi State University

**ES: Emerging Scholars  
Emerging Scholars Presentations  
February 4, 2020 10:30 am – 12:00 pm  
Nulu**

**Session Chair:** Tim Woods, SAEA President-Elect, University of Kentucky

**Presentations:**

**Sensory and Network Effects on Stated Preference for Vegetables Using a Basket-Based Choice Experiment**

By Clinton Neill, Virginia Tech University

**Certainty Follow-Up Efficacy under Potential and Actual Hypothetical Bias: A Meta-Analysis**

By Jerrod Penn, Louisiana State University

**Improving Quality of the U.S. Beef Herd: Industry Structure, Information, and Signaling**

By Nathanael Thompson, Purdue University

**OS05: Organized Symposium  
Successful Extension Risk Management Outreach Programming  
February 4, 2020 10:30 am – 12:00 pm  
Olmsted 7**

**Organizer:** Ron Rainey, University of Arkansas

**Moderator:** Ron Rainey, University of Arkansas

**Participants:**

Laurence Crane, National Crop Insurance Services

Kevin Ellis, National Center for Appropriate Technology

Duncan Chembizi, Alabama A&M University

**SP16: Selected Papers**  
**Natural Resources 2**  
**February 4, 2020 10:30 am – 12:00 pm**  
**Butchertown**

**Session Chair:** Seong Yun, Mississippi State University

**Heterogeneity in time preferences for an irrigation investment**

By Kent Forrest Kovacs and Heather Snell, University of Arkansas

**Do ecological-economic tradeoffs change by types of budget distribution options for forest carbon sequestration in the Central and Southern Appalachian region?**

By Seong-Hoon Cho, Bijay P. Sharma, and Young Gwan Lee, University of Tennessee, Knoxville

**Investigating the Impacts of Agronomic Weather Measures on Rice Production in Sri Lanka**

By Nirodha Sudershini De Silva (1), Benaissa Chidmi (2), and Wesley Whittaker (1)

1: Langston University; 2: Texas Tech University

**Optimal Control of Smart Wild Pigs in the Mississippi Delta**

By Katherine Barkley (1), Seong Yun (1), Kalyn Coatney (1), and Charles Sims (2)

1: Mississippi State University; 2: University of Tennessee, Knoxville

**Treatment of Legacy Nitrogen as a Compliance Option to Meet Chesapeake Bay TMDL Requirements**

By Kurt Stephenson, Zach Easton, Emily Bock, and William Ferris, Virginia Tech University

**A Causal Analysis of Water Conservation Practices on Crop Yields in the Mississippi Delta**

By Melody Pinamang (1), Seong Yun (1), Benjamin Gramig (2), and Matthew Interis (1)

1: Mississippi State University; 2: University of Illinois at Urbana Champaign

**Estimating Willingness to Pay for Climate Smart Agriculture Technology Adoption in Eastern Uganda: Evidence from Household Survey Data**

By Tej K. Gautam, Sarah Kogoya, and Krishna P Paudel, University of Arkansas

**SP17: Selected Papers**  
**International Issues 2**  
**February 4, 2020 10:30 am – 12:00 pm**  
**Crescent Hill**

**Session Chair:** Wei Zhang, University of Kentucky

**The Determinants of Moroccan Households' Default in Bank Credits**

By Sawssan Boufous, Darren Hudson, Carlos Carpio, and Jaime Malaga, Texas Tech University

**Assessing Rice Market Efficiencies in the Democratic Republic of the Congo**

By Bailey Elizabeth Peterson-Wilhelm, Lawton Lanier Nalley, Willy Mulimbi, and Alavro Durand, University of Arkansas

**The Role of Coffee Futures Market in Price Discovery and Interplay Analysis of Coffee Futures and Spot Market Prices**

By Wei Zhang and Sayed Saghaian, University of Kentucky

**Impacts of US, Mexican, and Canadian Trade Agreement on Commodity and Labor Markets**

By Xin Zhao (1), Stephen Devadoss (2), and Jeff Luckstead (1)

1: University of Arkansas; 2: Texas Tech University

**The Economics of Global Saturated Fat Intake and Implications for Public Health**

By Amelia Ahles and Andrew Muhammad, University of Tennessee, Knoxville

**The impacts of Chinese retaliatory tariffs on U.S. cotton industry**

By Hongyi Yuan (1), Yangxuan Liu (1), Cesar Escalante (1), and Jing Liu (2)

1: University of Georgia; 2: Purdue University

**Food selection norm of Chinese teenagers: Conceptualization and scale development**

By Bingcheng Yang (1) and Danyi Qi (2)

1: Sun Yat-sen University/Louisiana State University (LSU); 2: Louisiana State University (LSU)

**SP18: Selected Papers**

**Consumer Preferences and WTP**

**February 4, 2020 10:30 am – 12:00 pm**

**Rye**

**Session Chair:** John Lai, University of Florida

**Consumer Willingness to Pay for Locally Produced Hard Cider**

By Kimberly Jensen, David Hughes, Karen DeLong, Hannah Wright, Jamey Menard, and Gill MacKenzie, University of Tennessee

**Consumer Milk Expenditures and Preferences for Tennessee Milk**

By Sreedhar Upendram, Kimberly Jensen, and Karen DeLong, University of Tennessee

**Opportunities to Improve Intentions to Purchase Ugly Food: Estimating U.S. Consumers' Attitudes toward Ugly Food**

By Ran Li (1), Jerrod Penn (1), Brian E. Roe (2), and Danyi Qi (1)

1: Louisiana State University (LSU); 2: Ohio State University

**Perishable Food Date Label Best Practices and Consumer Willingness to Reduce Food Waste**

By Katlin N. Ramy, John Michael Riley, F. Bailey Norwood, and Eric A. Devuyst, Oklahoma State University

**Consumer Preferences and Willingness to Pay for Melon Attributes**

By John Lai (1), Ariana Torres (2), Bridget Behe (3), and Petrus Langenhoven (2)

1: University of Florida; 2: Purdue University; 3: Michigan State University

**U.S. Demand for Peanut Butter Alternatives: The Case of Almond Butter, Hazelnut Butter, Walnut Butter and Mixed Nut Butter**

By Senarath Dharmasena and Oral Capps, Jr., Texas A&M University

**Consumer Preferences for Flowering Trees and Shrubs for Home Landscapes**

By Pulkit Marwah, Yu Yvette Zhang, and Mengmeng Gu, Texas A&M University

**February 4, 2020 12:00 pm – 1:30 pm**

**Lunch Break**

**OS06: Organized Symposium**

**2020 Southern Livestock Economic Outlook**

**February 4, 2020 1:30 pm – 3:00 pm**

**Olmsted 7**

**Organizer:** Samuel D. Zapata, Texas A&M University, Southern Extension Economics Committee

**Moderator:** David Anderson, Texas A&M University

**Participants:**

**Beef Outlook for 2020**

By Justin Benavidez, Texas A&M University

**Pork Outlook for 2020**

By Andrew Griffith, The University of Tennessee

**Poultry Outlook for 2020**

By Kenny Burdine, University of Kentucky

**Dairy Outlook for 2020**

By Kenny Burdine, University of Kentucky

**Hay and Forage Outlook for 2020**

By Chris Prevatt, University of Florida

**Sheep and Goat Outlook for 2020**

By James Jones, Oklahoma State University

**SP19: Selected Papers**  
**Consumer Preferences and WTP**  
**February 4, 2020 1:30 pm – 3:00 pm**  
**Butchertown**

**Session Chair:** Ben Campbell, University of Georgia

**Are Consumers Willing to Pay for Conservation Agriculture in Low-Income Countries? The Case of White Maize in the Democratic Republic of the Congo**

By Willy Mulimbi, Lawton Lanier Nalley, Rodolfo M. Nayga Jr., and Arya Gaduh, University of Arkansas

**Consumers' Preferences for Sustainable Rice Practices in Nigeria**

By Glory Esohe Okpiaifo (1), Alvaro Durand-Morat (2), Grant Howard West (2), Lawton Lanier Nalley (2), Rodolfo Nayga Jr (2), and Eric Wailes (2)

1: University of Florida; 2: University of Arkansas

**An Enterprise Analysis of Carinata Oilseed Viability as Sustainable Aviation Fuel**

By Kevin Alan Robertson, Burton C. English, Carlos Jose Omar Trejo-Pech, Robert J. Menard, James A. Larson, and Chad M. Hellwinckel, University of Tennessee

**Consumer Views on Use and Legality of Hemp Based Products**

By Justin Campbell, Julie Campbell, Adam Rabinowitz, and Ben Campbell, University of Georgia

**Welfare and Budget Allocation Impacts of the Elimination of Fossil Fuel Subsidies: The Case of Ecuador**

By Oscar Sebastian Sarasty and Carlos Enrique Carpio, Texas Tech University

**Alternative production practices and the role of consumer choice: willingness-to-pay analyses**

By Amanda Wecker, Nichole L. Busdieker-Jesse, and Arbindra Rimal, Missouri State University

**The Temporariness of Migrations and Household Consumption in China**

By Le Wen (1) and Krishna P Paudel (2)

1: South China Agricultural University; 2: Louisiana State University (LSU)

**SP20: Selected Papers**  
**Production Economics**  
**February 4, 2020 1:30 pm – 3:00 pm**  
**Crescent Hill**

**Session Chair:** Stephen Lira, Noble Research Institute

**Economic Potential of Multi-crop, Multi-Year Healthy Soil Production Systems for Water-Limiting Cropland Acres in Oklahoma**

By Stephen Lira, Jon Biermacher, and Jim Johnson, Noble Research Institute

**Does Crop Yield Risk Differ across Soil Types? Evidence from Mississippi Variety Trials**

By Amadeo Fosu Panyi, Mississippi State University

**Does Crop Yield Risk Differ across Soil Types? Evidence from Mississippi Variety Trials**

By Amadeo Fosu Panyi, Mississippi State University

**Mid-Season Production Throttles: An Analysis of the Intra-Seasonal Field Crop Yield-Price Relationship in the US**

By Nicholas Jon Pates and Tyler Berkley Mark, University of Kentucky

**The Impact of Five-Year Plan on the Development of Agricultural Quality and Regional Difference Analysis**

By Yali Han (1), Junyi Wan (1), and Krishna P. Paudel (2)

1: South China Agricultural University; 2: Louisiana State University (LSU)

**On the Road Again: Potential Regional Price Impacts of ELD Regulation**

By Anastasia W. Thayer (1), Justin R. Benavidez (2), Charley C. Martinez (3), and David P. Anderson (2)

1: Utah State University; 2: Texas A&M University; 3: University of Tennessee

**Did Mechanization Improve Small Farmers' Efficiency?**

By Min Shi (1), Krishna P. Paudel (2), and Fengbo Chen (1)

1: South China Agricultural University; 2: Louisiana State University (LSU)

**An Evaluation of Irrigation Efficiency in Rice Production in Eastern Arkansas: A Meta Analysis**

By Tej K. Gautam, K. Bradley Watkins, Chris G. Henry, Jarrod T. Hardke, Ralph Mazzanti, and Ron Baker, University of Arkansas

**SP21: Selected Papers  
Regional Economics and Rural Development 2  
February 4, 2020 1:30 pm – 3:00 pm  
Rye**

**Session Chair:** Lijia Mo, University of Houston

**Banks' Sustainable Growth Challenge under Economic Recessionary Pressure**

By Maoyong Zheng and Cesar L. Escalante, University of Georgia

**Analyzing and Identifying Peer-to-Peer Housing Loan Default Risk Factors by a Logit Modelling**

By Lijia Mo, University of Houston

**Effect of Wage Growth on Rural/Urban Labor Demand**

By Jacob Manlove (1) and Clint Neil (2)

1: Tarleton State University; 2: Virginia Tech

**Factors Impacting Satisfaction with a Cooperatives Mobile and Web-based Information Platforms**

By Niranjana Jayaramu and Dr. Conrad Lyford, Texas Tech University

**A Note on the Locational Determinants of the Agricultural Supply Chain**

By Anders Taliesin Van Sandt and Craig Wesley Carpenter, Texas A&M University

**Do Regional Differences Matter in Broadband Policy?**

By Hyun Ji Lee, Texas Tech University

**Agricultural Cooperative Mergers and Efficiency Gains: An Ex-Ante Analysis**

By Eric Makafui Ofori, Elizabeth Yeager, and Brian Briggeman, Kansas State University

**BREAK**

**February 4, 2020 3:00 pm – 3:30 pm**  
**Second Street Prefunction**

**OS07: Organized Symposium**  
**2020 Southern Crops Economic Outlook**  
**February 4, 2020 3:30 pm – 5:00 pm**  
**Olmsted 7**

**Organizer:** Todd Davis, University of Kentucky, Southern Extension Economics Committee

**Moderator:** Nathan Smith, Clemson University

**Corn Outlook for 2020**

By Todd Davis, University of Kentucky

**Wheat and Sorghum Outlook for 2020**

By Samuel Zapata, Texas A&M University

**Soybean Outlook for 2020**

By Aaron Smith University of Tennessee

**Cotton Outlook for 2020**

By Yangxuan Liu, University of Georgia

**Peanut Outlook for 2020**

By Adam Rabinowitz, University of Georgia

**SP22: Selected Papers**

**Regional Economics and Rural Development**  
**February 4, 2020 3:30 pm – 5:00 pm**  
**Butchertown**

**Session Chair:** Tyler Mark, University of Kentucky

**An Empirical Analysis of Heirs' Property and Persistent Poverty**

By Steven Cornell Turner (1), Cassandra Johnson Gaither (2), and Ardian Harri (1)

1: Mississippi State University; 2: USDA, Forest Service

**Impact of Oil and Gas Easements on Erath County Property Values**

By Sierra Rash, Jacob Manlove, Chandra Andrew, and Brant Poe, Tarleton State University

**A Different Analysis of Rural Development's (RD) Business and Industry (B&I) Loan Guarantee Program: The Impact on Sales Tax Revenue in Oklahoma Communities**

By Ty Rope Smith, Brian E. Whitacre, Notie Lansford, and Dave Shideler, Oklahoma State University

**Recovering Missing Yield Data: Ramifications for USDA's ARC-CO Program**

By Zach Ishee, Eunchun Park, Ardian Harri, and Keith H. Coble, Mississippi State University

**Untangling the Spatio-Temporal Correlation of Wind Turbine Location**

By Tyler Mark (1), Nicholas Pates (1), and Mathias Ritter (2)

1: University of Kentucky; 2: Humboldt University

**Understanding the regional economic impact of adopting agricultural Best Management Practices (BMPs) in the Upper Floridan Aquifer (UFA) region**

By Unmesh Koirala (1), Damian Adams (1), Fei He (1), Guy Hancock (2), Amanda Smith (2), and Kevin Athearn (1)

1: University of Florida; 2: University of Georgia

**Market Integration and Price Discovery of Regional Land Markets in Texas**

By Tian Su, Senarath Dharmasena, David J. Leatham, and Charles E Gilliland, Texas A&M University

**SP23: Selected Papers  
Cost/Benefit Analysis and Policy  
February 4, 2020 3:30 pm – 5:00 pm  
Crescent Hill**

**Session Chair:** Huixin Bian, University of Florida

**Economic Benefits of the Aerial Application Industry in the United States: Aerial Herbicide Application Ban Scenario**

By Senarath Dharmasena (1) and Daniel Martin (2)

1: Texas A&M University; 2: United States Department of Agriculture

**Is the Sectoral Energy Demand driven by Source of Energy?**

By Saleem Shaik (1), Kwame Addey (1), and Osei Yeboah (2)

1: North Dakota State University; 2: North Carolina A&T State University

**Impacts of Tariffs and Trade Agreements on Japanese Wine Imports by Source**

By Emily Katherine Greear and Andrew Muhammad, University of Tennessee, Knoxville

**Economics Benefit of Pest Risk Prediction Model: An Agent-Based Model Approach**

By Huixin Bian and Zhifeng Gao, University of Florida

**A CASTLE-IV Method of Aggregation Bias**

By Qiongxia Qin, University of Kentucky



**Ginseng based forest farming as sustainable income diversification opportunity for landowners**  
By Prabodh Illukpitiya, Avis Ortiz, and Tegegne Fisseha, Tennessee State University

**H-2A program in the Delta States: Program Use, Programmatic Hiccups and Concerns for Policy Makers**

By Maria Bampasidou and Whitney McKinzie, Louisiana State University (LSU)

**SP24: Selected Papers**

**Potpourri**

**February 4, 2020 3:30 pm – 5:00 pm**

**Rye**

**Session Chair:** Natalia Isabel Valdez Gonzalez, Texas A&M University

**Misplaced Values: Exploring Divergent Communication Soft-Skill Value Perceptions Between Agriculture Business Leaders and Agriculture Business Undergraduates**

By Andrew Brown and Joey Mehlhorn, University of Tennessee at Martin

**Does homeownership improve education outcome in Georgia?**

By Jyotsna Ghimire and Ramesh Ghimire, University of Georgia

**How correlations among biodiversity, ecosystem services, and socioeconomic benefits as conservation objectives affect spatial targeting and synergic or tradeoff relationships**

By Young Gwan Lee (1), Paul R. Armsworth (1), Gengping Zhu (1), Bijay P. Sharma (1), Christopher D. Clark (1), Burton C. English (1), Daniel J. Hayes (2), and Seong-Hoon Cho (1)

1: University of Tennessee, Knoxville; 2: University of Maine

**Assessment of Water Usage and Producer Attitudes of Groundwater in the Southern region of the Ogallala Aquifer**

By Cutter Smith (1), Mallory Vestal (1), Bridget Guerrero (1), Kunlapath Sukcharoen (1), and Bill Golden (2)

1: West Texas A&M University; 2: Kansas State University

**Posters**

**February 4, 2020 3:30 pm – 5:00 pm**

**Olmsted 4**

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

**An Examination of Cointegration Relations between Natural Gas Futures and Spot Price**

By Penghui Gao, University of Georgia

**Providing Service Learning Opportunities to Stimulate Global Awareness in Agribusiness Students**

By Joey Mehlhorn, Sandy Mehlhorn and Rachna Tewari, University of Tennessee at Martin

**Teaching Forward Contracts in Undergraduate Courses in Agribusiness Programs**

By Yuliya Bolotova, Clemson University

**Profitability of Beef Cattle Best Management Practices in South Texas: Conversion from Bred Cows to Heifers for Replacements**

By Alan Mac Young, Joe Paschal, Steven Klose, and Gregg Kaase, Texas A&M AgriLife Extension

**Geographical Diversification in Agriculture at the U.S. Regional Level**

By Kunlapath Sukcharoen, West Texas A&M University

**Estimating Costs of Reducing Environmental Emissions from a Dairy Farm: Multi-Objective Epsilon-Constraint Optimization versus Single Objective Constrained Optimization**

By Nasim Ebadi, Darrell Bosch, and Robin White, Virginia Tech

**The Economics of On-Farm Rice Drying in Arkansas**

By Clayton Jacob Parker, Lawton Lanier Nalley, Alvaro Durand-Morat, and Micheal Popp, University of Arkansas

**Willingness-to-Pay for Halal and Branded Poultry in Northern Mozambique**

By Alison Jewel Creasey, Lawton Lanier Nalley, Grant West, and Amy Farmer, University of Arkansas

**The Effect of a Transitional Diet Strategy on Stocker Heifer Performance on Wheat Pasture in the Southern Great Plains Region**

By Barrett Moore (1), Wade Brorsen (1), Jon Biermacher (2), Myriah Johnson (2), Bryan Nichols (3), and Evan Whitley (4)

1: Oklahoma State University; 2: Noble Research Institute, LLC.; 3: Nichols Family Farms Co.;

4: Whitley Agriculture Services

**Feasibility and Impact of Adopting a Proposed Solution to Citrus Greening**

By Audrey Rizk and Ariel Singerman, University of Florida

**Financing Herd Building for Beginning Ranchers**

By Abby M. ShalekBriski, and Eric A. DeVuyst and Cheryl S. DeVuyst, Oklahoma State University

**An Overview of the New Agricultural Disaster Aid Provisions**

By Kate Wright, Texas A&M University

**Price-Induced Feed Substitution: Implications for Feed and Livestock Industries**

By Dong Hee Suh, Korea University

**Trust Issues in Agricultural Cooperative**

By Kishor Luitel (1) and Sanja Zivkovic (2)

1: Middle Tennessee State University; 2: Texas Tech University

**The Impacts of Cognitive Ability in Preference Reversal: Evidence from Consumer Evaluation of Sustainable Food Products**

By Xiaohan Wei and Xuqi Chen, University of Tennessee

**Willingness to Pay for Climate Change Mitigation: College Students' Perceptions in Tennessee and Kentucky**

By Abigayle Bartholomew Sartain (1), Rachna Tewari (1), Mark Simpson (1), Joseph Mehlhorn (1), Naveen Musunuru (2), and Brian Parr (2)

1: The University of Tennessee at Martin; 2: Murray State University

**Do Environmental Attitudes Track Business Cycles? Evidence from the Great Recession**

By Jackson Newbury and Susana Ferreira, University of Georgia

**Investigating the Adoption of NRCS Conservation Practices in Arkansas from 1980-2018**

By Samuel E. King (1), Aaron M. Shew (1), Hanna L. Ford (2), Jackson D. Cothren (2), and Steven Green (1)

1: Arkansas State University; 2: University of Arkansas

**Long Grain Rice Price, Oil Price, and International Demand Drive Medium Grain Rice Price in the US**

By GwanSeon Kim (1), Jun Ho Seok (2), and Aaron Shew (1)

1: Arkansas State University; 2: Korea Rural Economic Institute

**The Mediating Effect of Rural Labor Transfer due to Agricultural Mechanization and Its Impact on Farm Household Income**

By Xiaoli Zhang (1), Lin Zhu (1), and Krishna P. Paudel (2)

1: Shihezi University; 2: Louisiana State University (LSU)

**Determining Community's Financial Capability to Pay for Water Infrastructure Upgrades in Tennessee**

By Hari P Regmi and Sreedhar Upendram, University of Tennessee, Knoxville

**Local Food Purchasing Frequency by Locavores across Market Channels Comparison between National and Kentucky Food Consumers**

By Mahla Zare Mehrjerdi and Tim Woods, University of Kentucky

**An Empirical Analysis of Demand for Honey and Other Sweeteners in the United States**

By Vardges Hovhannisyan, Christopher Bastian, Chian Jones Ritten, and Meri Hambaryan, University of Wyoming

**The Impact of Agribusiness in the High Plains Trade Area**

By DeDe Jones (1), Justin Benavidez (1), Rebekka Dudensing (2), and Bridget Guerrero (3)

1: Texas A&M AgriLife Extension; 2: Texas A&M University; 3: West Texas A&M University

**Shopping for Food at Traditional and Modern Retail Outlets: Evidence from Uganda**

By Yawotse Dzidula-Enyo Nouve and Wojciech J. Florkowski, University Georgia

**Interaction of Willingness to Pay for Gene Edited Products and Physical Activity**

By Kaitlyn Melton (1), J. Ross Pruitt (1), and Marco A Palma (2)

1: University of Tennessee at Martin; 2: Texas A&M University

### **Sustainable Prices to Support Food Equity at Mobile Markets**

By Rebekka Dudensing (1), Blane Council (2), Andrea Abel (3), Heather Helman (3), and Carolina Mueller (4)

1: Texas A&M AgriLife Extension Service; 2: Texas A&M University; 3: FarmShare Austin; 4: Central Texas Young Farmers Coalition

### **Factors Alleviating Financial Risk in the Case of Small-Scale Producers: An Extension Approach**

By Lila B. Karki, Uma Karki, and Raymon Shange, Tuskegee University

### **Why Don't Low Income Households Purchase Fruits and Vegetables? Findings from African American Communities in Nashville, Tennessee**

By Aditya R Khanal, Sudip Adhikari, and Fisseha Tegegne, Tennessee State University

### **Involvement in Decision Making: Women, Young and New & Beginning Producers**

By Whitney Richelle McKinzie and Maria Bampasidou, Louisiana State University (LSU)

### **A Benefit-Cost Analysis of Management Strategies for Giant Salvinia in Northwest Louisiana**

By Colt Hardee, Jerrod Penn, and Rodrigo Diaz, Louisiana State University (LSU)

### **Comparative Economic Analysis of Alfalfa Hay vs Pellet Production**

By Prabodh Illukpitiya, Desiree Robertson, and Fisseha Tegegne, Tennessee State University

### **Economic Implications of Combining Poultry Litter with Wood Chips for Bio-based Energy Production in the United States**

By Krishna P Paudel (1), Rajan Parajuli (2), Doleswar Bhandari (3), Chandra Theegala (1), and Huizhen Niu (1)

1: Louisiana State University (LSU); 2: North Carolina State University; 3: New Mexico State University

### **Economic Impact of a Noval Pull-Type Combine has on Production of Small Grains for Small Farms**

By Sierra Howry, Matthew Digman, Nick Hovel, Anaiah Legare, and David Foerster, University of Wisconsin-River Falls

### **Economic Feasibility of Rain-Water Harvesting: A Case Study at Morehead State University**

By Caitlyn J. Clark and Vijay Subramaniam, Morehead State University

### **Hemp Production In Eastern Kentucky: A Case Study at Morehead State University**

By Brock Dean, Travis C. White, Brent Rogers, and Vijay Subramaniam, Morehead State University

### **Analyzing the Determinants of Technical Efficiency in Crop Production in Sub-Saharan Africa: Evidence from Mali**

By Ange Thomas Kakpo, Virginia Tech University

### **Integrated Modeling of Potential Water Conservation Strategies in the Central Ogallala Region**

By Sydney Reynolds (1), Bridget Guerrero (1), Bill Golden (2), and Mani Rouhi Rad (3)

1: West Texas A&M University; 2: Kansas State University; 3: Colorado State University

**Analyzing High Value Vegetable Seed Production in the Texas Panhandle**

By MariKate Crouch (1), Bridget Guerrero (1), Charles Rush (2), and James Gray (2)

1: West Texas A&M University; 2: Texas A&M AgriLife Research

**Imported Rice and Local Rice Substitutability in Ghana**

By Eric Makafui Ofori, Tian Xia, and Francis Tsiboe, Kansas State University

**Farmer Awareness of Sustainable Forest Initiatives**

By Brianna Dominique Cobb, Louisiana State University (LSU)

**February 4, 2020 6:00 – 8:00 pm**

**SAEA Reception**

**Churchill Downs (buses will be provided)**

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