AGRICULTURAL ECONOMICS
Southern Agricultural Economics Association
44th Annual Meeting Program
February 4-7, 2012
Sheraton Birmingham Hotel
Birmingham, Alabama

SAEA OFFICERS:

President: .................................................. Darren Hudson
President-Elect: ......................................... Parr Rosson
Director: .................................................. Duncan Chembezi
Director: .................................................. Jayson Lusk
Director: .................................................. Marco Palma
Secretary: .................................................. John VanSickle
Treasurer: .................................................. Jeffrey L. Jordan
Past-President: ............................................ Michael R. Reed
Editors: ..................................................... Mary Marchant and Darrell Bosch

Meeting room locations: Sheraton Birmingham Hotel (SBH) and Medical Forum Conference Center (MFCC)

SAEA Executive Committee
New Officer Orientation
Saturday, February 4, 2012, 5 p.m. – 7 p.m.
Sheraton Birmingham Hotel Jefferson Boardroom 1

Saturday, February 4, 2012, 6 p.m. – 8 p.m.
Quiz Bowl Orientation and Refreshments
Sheraton Birmingham Hotel Birmingham Ballroom I

Sunday, February 5, 2012, 8 a.m. – 4 p.m.
Quiz Bowl Competition
Sheraton Birmingham Hotel: Birmingham Ballrooms I, IV and XII

Quiz Bowl Break/Recruitment Fair, 10 am and 2 pm
Sheraton Birmingham Hotel: Birmingham Ballroom VII/VIII

Sunday, February 5, 2012, 8:30 a.m. – 2:30 p.m.
SAEA Executive Council
Sheraton Birmingham Hotel Jefferson Boardroom 2

Sunday, February 5, 2012, Noon – 4 p.m.
Registration
Sheraton Birmingham Hotel: Birmingham Ballroom Vestibule
Sunday, February 5, 2012, 2 p.m. – 4 p.m.
*Department Heads’ Meeting*
Sheraton Birmingham Hotel: Birmingham Ballroom XII

Sunday, February 5, 2012, 2 p.m. – 4 p.m.
*SERA 39*
Sheraton Birmingham Hotel Jefferson Boardroom 1

Sunday, February 5, 2012, 4 p.m. – 6 p.m.
*SAAS General Session*
Medical Forum Conference Center Auditorium

Sunday, February 5, 2012, 5 p.m. –
*Reception/Super Bowl Party*
Old Car Heaven (offsite) Bus transportation available

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Sunday 2 p.m. – Tuesday 5 p.m.
*Selected Posters*
Sheraton Birmingham Hotel Birmingham Ballroom Prefunction
Poster presentations will be Tuesday, February 7, 10:15 a.m. – 12 noon

1. **Assessing Irrigation Methods Based on Grapefruit Pack-Out in the Lower Rio Grande Valley**
   Mac Young & Steven Klose, Texas AgriLife Extension Service; Shad Nelson, TAMUK Department of Agricultural Economics, Texas A&M University System

2. **Analyzing the Impact of Drought Conditions on Texas High Plains Agriculture**
   DeDe Jones and Gid Mayfield, Texas AgriLife Extension Service

3. **Promoting Agri-tourism to High School Students: It Matters Where you Live!**
   Joseph Mehlhorn, Scott Parrott, Barbara Darroch and Doug Snider; University of Tennessee at Martin

4. **Evaluating Implementation costs of selected water conservation policies in the Southern Ogallala Region**
   Rachna Tewari; Texas Tech University, Jeff Johnson; Texas Tech University, Stephen Amosson; Texas AgriLife Extension Service, Bill Golden; Kansas State University, Lal Almas; West Texas A&M University and Bridget Guerrero; Texas AgriLife Extension Service

5. **Wheat Pasture Lease Rate Required to Offset the Added Cost and Lower Grain Yield from Grazing**
   Brandon Varner; Oklahoma State University, Francis Epplin; Dept. of Agric. Economics, Damona Doye; Oklahoma State University, Raymond Schatzer; Oklahoma State University and Jeffrey Edwards; Oklahoma State University
6. **Winter Canola-Winter Wheat Rotation as an Alternative to Continuous Wheat** Andrew Griffith; Oklahoma State University, Joshua Bushong; Oklahoma State University, Thomas Peeper; Oklahoma State University and Francis Epplin; Dept. of Agric. Economics

7. **Economic Feasibility of Sweet Sorghum and Biomass Sorghum for Biofuels Production in two Texas Regions** Stephen Amosson, Bridget Guerrero, Gopi Girase, Seong Park, Brent Bean, William Rooney, Jake Becker, Dustin Borden and Payne Burks, Texas A&M University


9. **Developing an Institutional Framework for Analyzing the Economics of Conflict** Jens Engelmann and James Sterns, University of Florida

10. **Trade Adjustment Assistance: 2010-11 Shrimp and Catfish Programs** Nathan P. Kemper and Ronald L. Rainey, Southern Risk Management Education Center, University of Arkansas Division of Agriculture

11. **Expanding University Agriculture Student Leadership Development Through Arkansas Collegiate Farm Bureaus** Charles Stark and Paul Francis, University of Arkansas at Monticello

12. **Forecasting Changes in Local Government Public Services in a Disequilibrium Environment Following Natural Disaster: A Community Impact Modeling Approach** Arun Adhikari and James Fannin, Louisiana State University Agricultural Center

13. **Conventional vs. Transgenic: The Showdown** Robert Hogan and Jason Johnson, Texas A&M University

14. **Profitability of Different Livestock Enterprise Budgets in West Central Texas** Molly Butler, Sierra Howry, Craig Leonard, A. Dean Monroe, Reagan Noland and Micheal Salisbury; Angelo State University

15. **Groundwater Management by Integrating Water Quality Damages from Energy Crop Production** Naveen C. Adusumilli, M. Edward Rister, and Ronald D. Lacewell, Texas A&M University

16. **Driving Forces of Income Growth in the Southeastern Region** Buddhi Gyawali, Swagata Banerjee and James Bukenya; Alabama A&M University

17. **Assessing Students’ Subjective Knowledge of the Contents of Selected Meat Products** Kimona Smith, Markee Manning and Godfrey Ejimakor, North Carolina A&T State University

18. **Real Time Ultrasounds Body Measurements Impacts on Replacement Heifer Price: The Kentucky Case**
Kelsey Culp, Carter Mobley, Tyler Mark, and Ben Williamson, Morehead State University and Troy Wistuba, Novus International

19. Potential for Bio-oil Production in Kentucky
Amir Ahmadi and Tyler Mark, Morehead State University

20. Benefits to Econometric Forecasting Irrigation Water Demand: A Case Study in Alabama-Coosa-Tallapoosa (ACT) and Apalachicola-Chattahoochee-Flint (ACF) River Basin Crops in Alabama
Babatunde Obembe and Swagata Banerjee, Alabama A&M University

21. SAEA Outstanding Teaching of a Course Award
John Park, Texas A&M University

Monday, February 6, 2012, 8 a.m. – 5 p.m.
Registration
Sheraton Birmingham Hotel: Birmingham Ballroom Vestibule

Monday, February 6, 8 a.m. – noon
Quiz Bowl
Sheraton Birmingham Hotel: Birmingham Ballrooms I and IV
Recruitment Fair
Sheraton Birmingham Hotel: Birmingham Ballroom VII/VIII

Monday 8:30 A.M. – 10:10 A.M.
Selected Papers Session I
SBH Birmingham Ballroom XII

Title: Resource and Environmental Economics
Moderator: Kim Morgan, Mississippi State University

8:30 Effects of Demographics and Attitudes on WTP for Fuel Import Reductions through Ethanol Purchases
Kimberly Jensen, Christopher Clark and Burton English, University of Tennessee

8:50 Analyzing the Feasibility of Prairie Dog Hunting in the Northern Texas Panhandle
DeDe Jones and Gid Mayfield, Texas AgriLife Extension

9:10 Utility Rebates and Willingness-to-Pay for ENERGY STAR® Qualified Refrigerators
Xiaogu Li, North Carolina State University, Christopher Clark and Kimberly Jensen, University of Tennessee
9:30 The Cost of Energy from Coal: An Investigation of the Resource Curse in West Virginia
Nyakundi Michieka, West Virginia University

9:50 Economic Feasibility of Sustainable High Oilseed-Based Biofuel Production: The Case of Small Scale Producers in North Carolina
Anthony Yeboah, Cephas Naanwaab, Osei Yeboah, John-Paul Owens and Jarvetta Bynum, North Carolina A&T State University

Monday 8:30 A.M. – 10:10 A.M.
Selected Papers Session 2
SBH Birmingham Ballroom III

Title: International Agriculture and Trade
Moderator: Dan Rainey, University of Arkansas

8:30 The Impact of NAFTA on U.S. Agricultural Commodity Trade: A Fresh Look at the Data, 1989-2010
Cephas Naanwaab and Osei Yeboah, North Carolina A&T State University

8:50 Exchange Rate Volatility and Bilateral Agricultural Trade Flows: The Case of the United States and OECD Countries
Kashi Kafle and P. Lynn Kennedy, Louisiana State University

9:10 Impacts of the U.S. - Central America - Dominican Republic Free Trade Agreement (CAFTA-DR) on the Trade of Selected Fresh Fruits
Shengfei Fu, James E. Epperson and Glenn Ames, University of Georgia

9:30 How does HACCP Change U.S. Seafood Exports?-Analysis with Fishes, Mollusca and Shellfish Other Than Mollusca
Xiaoqian Li and Sayed Saghaian, University of Kentucky

9:50 Assessing the potential impact of strengthening Food Safety Regulations on Developing Countries: The US Food Safety and Modernization Act
Mauricio Mosquera, Edward Evans and Thomas Sreen, University of Florida, and Lurleen Walters, Florida A&M University

Monday 8:30 A.M. – 10:10 A.M.
Selected Papers 3
SBH Birmingham Ballroom V/IX

Title: Agricultural Policy
Moderator; Josh Maples, Mississippi State University

8:30 Fertilizer Demand for Biofuel and Cereal crop Production in the United States
Kwame Acheampong and Michael Dicks, Oklahoma State University

8:50 Impact of Ethanol Production on the U.S. Gasoline Market
Hassan Marzoughi and P. Lynn Kennedy, Louisiana State University

9:10 Economic Impact of Recent Changes in the H-2A Labor Wage Rate
Blake Brown, NC State University

9:30 An Examination of How the Level of Yield Aggregation Impacts the Effectiveness of Area-based Insurance Designs
Yang Wang, Barry Barnett, Keith Coble and Ardian Harri, Mississippi State University

Eddie Chavez and Eric J. Wailes, University of Arkansas

Monday 8:30 A.M. – 10:10 A.M.
Selected Papers Session 4
SBH Birmingham Ballroom XI

Title: Rural and Community Development
Moderator: Rachael Carter; Mississippi State University

8:30 How Specialized is "too" Specialized? Outmigration and Industry Diversification in Nonmetropolitan Counties across America
Ashley Jackson and Brian Whitacre, Oklahoma State University

8:50 Geographical Analysis of US Green Sector Industry Concentration
D. Register, Dayton Lambert, Burton English, Kimberly Jensen and Michael Wilcox, University of Tennessee

9:10 The Value of Transportation for Improving the Quality of Life for the Rural Elderly
Alicia Israel, Jim Mjelde, Rebekka Dudensing; Texas A&M University, Linda Cherrington, Texas Transportation Institute and Yanhong Jin, Rutgers University

9:30 Evaluating the Economic Impact of Festivals and Special Events: Lessons From the 32st Annual Peter Anderson Arts and Crafts Festival
Albert Myles and Rachael Carter, Mississippi State University

9:50 An Analysis of Farming in the Rural Economic Development of West Virginia
Saima Bashir, Lander University, Janaranjana Herath and Tesfa Gebremedhin, West Virginia University
Title: **Marketing and Industrial Organization**

Moderator: Forrest Stegelin, University of Georgia

8:30 **Do Cotton Fiber Characteristics Offer Competitive Advantages During Times of High Cotton Fiber Prices?**
Forrest Stegelin, University of Georgia

8:50 **Coffee Differentiation: Demand Analysis at Retail Level in the USA Market**
Carmen Alamo-Gonzalez and Jaime Malaga, Texas Tech University

9:10 **Pricing Fed Cattle on a Grid: An Analysis of the Incentive Mechanism over Time**
Scott Fausti, Matthew Diersen, Bashir Qasmi, Gerald Wang; South Dakota State University

9:30 **Evaluating the Factors Influencing the Number of Visits to Farmers Markets**
Francisco Abello, Marco Palma, Mark Waller and David Anderson, Texas A&M University

9:50 **What Drives the Choice-Select Discount**
Robert Hogan, Texas A&M University, Jared Carlberg, University of Manitoba, Clement Ward and Derrell Peel, Oklahoma State University

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Title: **Food Consumption, Safety and Policy**

Moderator: Arium Ishdorj, Texas A&M University

8:30 **Withdrawn** **Obesity in Mexico: The Impact of Household Demographic**
Angelica Serrano and Shida Henneberry, Oklahoma State University

8:50 **Market Competitiveness and Demographic Profiles of Dairy Alternative Beverages in the United States: The Case of Soymilk**
Senarath Dharmasena and Oral Capps, Texas A&M University

9:10 **Withdrawn** **- Consumers Willingness to Pay for Food Safety in Milk Products in the Black Sea Region, Turkey**
Mehmet Bozoglu, Chung Huang and Wojciech Florkowski, The University of Georgia and Bakiye Kilic, Ondokuz Mayis University
9:30 Farm Product Liability Insurance: Factors Affecting Perceived Risk and Premiums
Kathryn Boys, Virginia Tech and Olga Isengildina-Massa, Clemson University

9:50 Willingness to Pay for Imported Beef and Risk Perception: An application of Individual-Level Parameter
Kar Ho Lim, Wuyang Hu and Leigh Maynard, University of Kentucky and Ellen Goddard, University of Alberta

Monday 8:30 A.M. – 10:10 A.M.
Joint SAEA/Rural Sociology Symposium
MFCC Medical Forum A

Title: Sustainable Agriculture Systems Research: A Southern SARE Video and Discussion
Moderator: Jeffrey Jordan, University of Georgia
Panelists:
Lee Meyer, University of Kentucky
Douglas Constance, Sam Houston State University

10:10 a.m. – 10:30 a.m. BREAK: Refreshments served in the SBH Ballroom Vestibule area

Monday 10:30 A.M. – 11:45 A.M.
Selected Papers Session 7
SBH Birmingham Ballroom XII

Title: Farm Management
Moderator: Ross Pruitt, Louisiana State University

10:30 WITHDRAWN Simulation of Cattle Prices Sold at Auction in the Absence of a Market News Service
J. Pruitt and Hector Zapata, Louisiana State University

10:50 Economically optimal risk strategies for adopting new wheat varieties in the Texas High Plains and Rolling Plains
Seong Park, Texas AgriLife Research, Jaesung Cho, Cornell University, Stephen Amosson and Stan Bevers, Texas AgriLife Extension Service and Jackie Rudd, Texas AgriLife Research-Amarillo

11:10 Demographic Factors Affecting the Adoption of Multiple Value-Added Practices by Oklahoma Cow-Calf Producers
Brian Williams, Kellie Raper, Eric DeVuyst, Derrell Peel, David Lalman, Chris Richards and Damona Doye, Oklahoma State University
11:30 **The Economics of Organic Versus Conventional Cow-calf Production**
Jeffrey Gillespie, Louisiana State University Agricultural Center and Richard Nehring, USDA/ERS

Monday 10:30 A.M. – 11:45 A.M.
Selected Papers Session 8
SBH Birmingham Ballroom III

Title: **Production Economics**
Moderator: Jeffrey Gillespie, Louisiana State University

10:30 **Increasing profitability of small scale orchard producers through optimizing tree replacement rate: The case of cocoa in Ghana**
Mahrizal Mahrizal, Lawton Nalley, Jennie Popp and Bruce Dixon, University of Arkansas

10:50 **The Effect of the El Nino Southern Oscillation on U.S. Corn Production and Downside Risk**
Jesse Tack and David Ubilava, Mississippi State University

11:10 **Analysis of the Economic Feasibility of Algae Production for Biofuel in South Texas**
Lawrence Falconer, Luis Ribera and James Richardson, Texas A & M University

11:30 **WITHDRAWN - Assessing the Demand for Locally Produced Natural Beef in the Southeastern U.S.**
Curtis Lacy, Chung Huang and Yaqin Liu, University of Georgia

Monday 10:30 A.M. – 11:45 A.M.
Selected Papers Session 9
SBH Birmingham Ballroom V/IX

Title: **Teaching**
Moderator: Albert Myles, Mississippi State University

10:30 **Student Perceptions of Simulation Games and Training Software on Improving Course Learning Objectives and Career Preparedness**
Scott Parrott, Joseph Mehlhorn and Kelly Davidson, University of Tennessee at Martin

10:50 **Do Men and Women Perform Differently on Different Types of Test Questions?**
Robert Burton, Abigail Jager and Alexi Thompson, Kansas State University

11:10 **Developing Cross Disciplinary Skills Through an Undergraduate Research Project**
Joseph Mehlhorn, Jason Roberts, Amanda Cain and Scott Parrott, University of Tennessee at Martin
11:30 Filling the Gap: Exploring Internal Challenges and Opportunities to Successful Student Recruitment in Applied Economics Departments
Kathryn Boys, Virginia Tech and Molly Espey, Clemson University

Monday 10:30 A.M. – 11:45 A.M.
Selected Papers Session 10
SBH Birmingham Ballroom XI

Title: Agribusiness and Finance
Moderator: Ron Rainey, University of Arkansas

10:30 Agricultural Banking and Early Warning Models for the Bank Failures of the Late 2000s Great Recession
Xiaofei Li, Cesar Escalante, James E. Epperson and Lewell Gunter, University of Georgia, Athens

10:50 The Road to Financial Sustainability. Comparative Analysis of Russia and the Caucasus Region
Ganna Sheremenko, Cesar Escalante and Wojciech Florkowski, The University of Georgia

11:10 A Comparison of Consumers’ Willingness to Pay for Four Types of Sweeteners in Kentucky
Xueting Deng and Sayed Saghaian, University of Kentucky

11:30 Farmers’ Financing Constrains and Access to External Finance in a Post Crisis World: Evidence from New Farmers in Alabama
Valentina Hartarska and Denis Nadolnyak, Auburn University

Monday 10:30 A.M. – 11:45 A.M.
Selected Papers Session 11
MFCC Medical Forum C

Title: Agricultural Policy/Food Consumption, Safety and Policy
Moderator: Osei Yeboah, North Carolina A&T State University

10:30 What Are the Consequences of United States Government Slaughter Policies on Horse Prices?
Mallory Vestal, Jayson Lusk, Clement Ward and Eric DeVuyst, Oklahoma State University

10:50 WITHDRAWN - Effects of Memory Decay on Consumer Confidence in the Safety of the United States Food System
Abhishek Bharad, Louisiana State University, Gustavo Ferreira, Virginia Tech and Wes Harrison, Louisiana State University

11:10 Food expenditures in rural households in the Northern Region of Ghana
Ting Meng and Wojciech Florkowski, The University of Georgia, Shashi Kolavalii, International Food Policy Research Institute (IFPRI) and Mohammed Ibrahim, Fort Valley State University

11:30 Consumer Attitudes and Preferences for Peanut Paste in Sub-Saharan Africa: Evidence from Ghana
Vahe Heboyan and Wojciech Florkowski, The University of Georgia, Daniel Sarpong, University of Ghana, Legon, Ghana, Anna Resurreccion and Manjeet Chinnan, The University of Georgia

Monday 10:30 A.M. – 11:45 A.M.
Selected Papers Session 12
MFCC Medical Forum D

Title: Potpourri
Moderator: Jesse Tack, Mississippi State University

10:30 Understanding Point Source Abatement Cost and Preference for Trading Market Mechanism in the Kentucky River Watershed
Andrew McLaughlin and Wuyang Hu, University of Kentucky

10:50 The Role of Underemployment in Employee’s Overall Job Satisfaction: The Alabama Case.
Sam Addy, Kilungu Nzaku and Ahmad Ijaz, The University of Alabama

11:10 Demand for Apparel Products among Chinese Consumers Using a Semi-parametric Two Step Procedure
Darren Hudson and Mouze Kebede; Texas Tech University

11:30 Characteristics of the Local Foods Consumer: A fresh look
Sara Williamson, The University of Kentucky, Stan Ernst, Ohio State, Tim Woods and Wuyang Hu, University of Kentucky

Monday, 11:45 noon – 1:15 p.m. 44th SAEA Annual Meetings Luncheon
MFCC Medical Forum J/K

Welcome
Darren Hudson, SAEA President

Presidential Address
Parr Rosson

Monday 1:15 p.m. – 3:00 p.m.
Invited Papers Session 1
MFCC Medical Forum A

Title: Economic Opportunities in Rural Communities

Organizer and Moderator: Mike Woods, Oklahoma State University

Presenters:

1. The Economic Impacts of Self-Employment  
   Stephan Goetz and David Fleming, Pennsylvania State University

2. Agritourism as a Local Development Strategy  
   Daniel Rainey, University of Arkansas

3. Broadband Adoption in Agriculture  
   Alison Davis and Chris Jeffcoat, University of Kentucky

Monday 1:15 p.m. – 3:00 p.m.  
Organized Symposium 1  
SBH Birmingham Ballroom III

Title: Impacts of the Panama Canal Expansion on U.S. and Southern Agricultural Trade

Organizer and Moderator: Eric Wailes, University of Arkansas

Presenters:

1. Jason Bittner and Timothy Baird, University of Wisconsin, Effect of the Panama Canal Expansion on U.S. Grain Exports

2. Rafael Costa, John Robinson and Steve Fuller, Texas A&M University, The Impacts of Panama Canal Expansion on World Cotton Trade

3. Mickey Paggi, Fumiko Yamazaki and Srinivasa Konduru, California State University – Fresno, Panama Canal Expansion: Agricultural Benefits to a Limited Few?

Monday 1:15 p.m. – 3:00 p.m.  
SBH Birmingham Ballroom XI

Title: Legends vs. Quiz Bowl Champions

Organizer and Moderator: Jerrod Penn, University of Kentucky

Annual Quiz Bowl Competition between the winners in the undergraduate competition and a group of legends from the SAEA membership
3:00 p.m. – 3:20 p.m. BREAK: Refreshments served in the SBH Ballroom Vestibule area

Monday 3:20 P.M. – 5:00 P.M.  
Selected Papers Session 13  
SBH Birmingham Ballroom IV

Title: Resource and Environmental Economics  
Moderator: Matt Interis, Mississippi State University  
3:20 Consumers’ Willingness to Pay for Bacteriophage Technology Treated Fresh Produce  
Osei Yeboah, Cephas Naanwaab and Foster Kyei, North Carolina A&T State University

3:40 Water Use Efficiency and Maximizing Profitability of Grain Sorghum Production in the Texas Panhandle  
Aly Ahamadou, Lal Almas and Kathleen Brooks, West Texas A&M University

4:00 An Economic Assessment of Competing Technologies for Coastal Restoration  
Hua Wang and Rex Caffey, Louisiana State University and Daniel Petrolia, Mississippi State University

4:20 Analysis of Participation in Multifunctional Agriculture: U.S. Rice Farms  
Juan Tur Cardona, Eric J. Wailes, Bruce Dixon and Diana Danforth, University of Arkansas

4:40 The Impact of Precision Agriculture Techniques on Kentucky Grain Farmers’ Carbon Footprint  
Rachael Brown, Carl Dillon, Jack Schieffer and Jordan Shockley, University of Kentucky

Monday 3:20 P.M. – 5:00 P.M.  
Selected Papers Session 14  
SBH Birmingham Ballroom III

Title: International Agriculture and Trade  
Moderator: Saleem Shaik, North Dakota State University  
3:20 Effects of Trade Openness on Productivity: The Case of African Countries  
Osei Yeboah, North Carolina A&T State University, Saleem Shaik, North Dakota State University  
Cephas Naanwaab and Akua Akuffo, North Carolina A&T State University

Nate Lyman and Andrew McKenzie, University of Arkansas

4:00 Chinese Market Access Barriers of U.S Oilseeds and Grains
Osei Yeboah and Gloria Appiah-Danquah, North Carolina A&T State University

4:20 Conceptualizing Multifunctional Agriculture from a Global Perspective: Implications for Governing the Global Agriculture
Wanki Moon, Southern Illinois

4:40 The Impact of Regional and Historical Networks on Trade Volumes within the Western Hemisphere: A Gravity Analysis across Sectors
H. Mikael Sandberg and James Seale, University of Florida

Monday 3:20 P.M. – 5:00 P.M.
Selected Papers Session 15
SBH Birmingham Ballroom V/IX

Title: Production Economics
Moderator: John Michael Riley, Mississippi State University

3:20 Economic Evaluation of Precision Fungicide Management for Strawberry Production in Florida
Ekaterina Vorotnikova, John VanSickle, Tatiana Borisova and Natalia Peres, University of Florida

3:40 Causative factors for changes in total factor productivity of Japanese agriculture under the era of climatic uncertainty
Yoji Kunimitsu, National Institute for Rural Engineering

4:00 Production Profitability of Ethanol from Alternative Feedstocks in the Texas Panhandle
Lal Almas, David Lust and Kathleen Brooks, West Texas A&M University

4:20 Managing Nutrients for Switchgrass Produced in Phosphorus-Deficient Soils
Mohua Haque, Jon Biermacher and Maru Kering, The Samuel Roberts Noble Foundation, Inc. and John Guretzky, University of Nebraska Lincoln

4:40 Economic Analysis of Strategies to Combat HLB in Florida Citrus
Abdul-Wahab Salifu, Thomas Spreen, Kelly Grogan and Fritz Roka, University of Florida

Monday 3:20 P.M. – 5:00 P.M.
Organized Symposium 2
Selected Papers Session 16
SBH Birmingham Ballroom XI

Title: Graduate Degrees in Agricultural Economics: Expectations and Preparation
Organizer and Moderator: Jerrod Penn, University of Kentucky

Presenters:
1. Lyudmyla Kompaniyets, University of Kentucky, Agricultural Economics or Other Pursuits
2. H. Mikael Sandberg, University of Florida, Preparing for and being successful in a graduate program
3. Jeffrey Gillespie, Louisiana State University, Graduate Committees, what are the gatekeepers to Grad School looking for?

3:00 p.m. – 3:20 p.m. Break: Refreshments served in the SBH Ballroom Vestibule area

Monday 3:20 P.M. – 5:00 P.M.
Selected Papers Session 17
SBH Birmingham Ballroom XII

Title: Rural and Community Development
Moderator: Olga Murova, Texas Tech University

3:20 Micro-Level Analysis of the Relationship Between Entrepreneurship, Employment and Economic Growth
Danyelle Starks and James Bukenya, Alabama A&M University

3:40 Predicting the Aggregate Economic Impact of Rural Community Events
Dipak Subedi, Bureau of Labor Statistics and Olga Murova, Texas Tech University

4:00 Efficiency Analysis of Rural Hospitals: Parametric and Nonparametric Approaches
I Cristian Nedelea and James Fannin, Louisiana State University Agricultural Center

4:20 Farm to School: Market Analysis
Cesar Escalante, Glenn Ames and Marissa Watson, University of Georgia

4:40 Exploring Variations in Income Growth in Southeastern United States
Buddhi Gyawali, Swagata Banerjee and James Bukenya, Alabama A&M University

Monday 3:20 P.M. – 5:00 P.M.
Selected Papers Session 18
MFCC Medical Forum C

Title: Marketing and Industrial Organization
3:20 The “Made in USA” poultry label and consumer choice in Ghana
Irene Egyir, University of Ghana, Kofi Adu-Nyako and Ralph Okafor, NCAT State university

3:40 Determining the Variation in Certified Preconditioning Premiums for Heifers and Steers
Stephanie Schumacher and Derrell Peel, Oklahoma State University

4:00 The Implicit Prices of Finfish and Shellfish Attributes and Retail Promotion Strategies: Hedonic Analysis of Weekly Scanner Data in the U.S. Southeast
Glen Gold and Sherry Larkin, University of Florida

4:20 Withdrawn Effect of individual and household specific variables on the choice of brands: Incorporating the Bayesian analysis into Random Utility Framework
Bahtiyar Babanazarov and Benaissa Chidmi, Texas Tech University

4:40 The Nature of the Pass-Through: The Case of Mayonnaise
Vardges Hovhannisyan, University of Wisconsin-Madison

Monday 3:20 P.M. – 5:00 P.M.
Organized Symposium 3
MFCC Medical Forum D

Title: Using Smart Phone and Tablet Technology to Enhance Extension Programs
Organizers: Jay Yates and Jackie Smith, Texas A&M University
Moderator: Jay Yates, Texas A&M University
Presenters:
1. Jackie Smith, Texas A&M University
2. Larry Falconer, Texas A&M University
4. Gregg Ibendahl, Mississippi State University

Monday 3:20 P.M. – 5:00 P.M.
Organized Symposium 4
MFCC Medical Forum A

Title: When the Well Goes Dry: Addressing Drought Impacts On and Off the Farm
Organizer and Moderator: David Shideler, Oklahoma State University
Presenters:
1. David Anderson, Texas A&M University, Texas Drought Experience
2. Brad Watkins, University of Arkansas, *Arkansas Spring Flood and Drought Experience*
3. Ross Pruitt, Louisiana State University, *Louisiana Drought Experience*
4. Kurt Guidry, Louisiana State University, *Estimating Drought Impacts in Louisiana*
5. Larry Sanders, Oklahoma State University, *Oklahoma Drought Experience and Policy*

**Monday 5:15 p.m. – 7:00 p.m.**
*SAEA Business Meeting and Awards Program*
MFCC Auditorium

**Monday 7:00 p.m. – 9:00 p.m.**
*Undergraduate Student Reception*
Alabama Sports Hall of Fame

**Tuesday, 8:00 a.m. – 5:00 p.m.**
*Registration*
SBH Birmingham Ballroom Vestibule

**Tuesday, 8:00 a.m. – 10:00 a.m.**
*Keynote Speaker Breakfast*
MFCC Medical Forum J/K

**A Debate: The ‘A’ in SAEA: Is it Applied or Agricultural?**

Moderator: Darren Hudson, Mississippi State University

Participants:
Hal Harris, Clemson University
John Lee, Mississippi State University

**Tuesday 10:15 a.m. – 12:00 noon**
*Invited Papers Session 2*
MFCC Medical Forum F

**Title: Agricultural Commodities and Agribusiness Stocks as Financial Assets**

Organizers: Hector Zapada, Louisiana State University and Gary Schnitkey, University of Illinois

Presenters:
1. **Historical Performance of Commodity and Stock Markets**
   Hector Zapata, Joshua Detre and Tatsuya, Louisiana State University

2. **The Investment Performance of Agribusiness Companies**
   Gary Schnitkey, University of Illinois

3. **Trader Composition in Agricultural Futures Markets**
Scott Irwin, University of Illinois and Dwight Sanders, Southern Illinois University

Discussant: Wade Brorsen, Oklahoma State University

**Tuesday 10:15 a.m. – 12:00 noon**
*Invited Papers Session 3*
MFCC Medical Forum A

**Title:** Causes of Agricultural and Food Price Inflation and Volatility

**Organizers:** Andrew Muhammad, USDA Economics Research Service and Won Koo, North Dakota State University

**Moderator:** Won Koo, North Dakota State University

**Presenters:**

1. **What Are the Major Factors Affecting Food Price Inflation?**
   Won Koo, North Dakota State University and Jungho Baek, University of Alaska-Fairbanks

2. **Disentangling Agricultural Commodity Price Volatility: The Role of Speculation and Demand Growth in Emerging Markets**
   Lihong McPhail and Andrew Muhammad, USDA Economics Research Service, and Sheldon Du, University of Wisconsin

3. **Evaluating the Causes of Rising Food Prices in Low and Middle Income Countries**
   Osei Yeboah, North Carolina A&T University and Saleem Shaik, North Dakota State University

**Discussant:** Norbert Wilson, Auburn University

**Tuesday 10:15 a.m. – 12:00 noon**
*Lifetime Achievement Symposium*
SBH Birmingham Ballroom I

**2012 Award Winners**
Francis Epplin, Oklahoma State University
Henry Kinnucan, Auburn University
Bruce McCarl, Texas A&M University

**12:00 noon – 1:20 p.m.**
Lunch Break

**Tuesday 1:20 P.M. – 3:00 P.M.**
*Selected Papers Session 19*
SBH Birmingham Ballroom IV

**Title:** Agribusiness and Finance
Moderator: Deacue Fields, Auburn University

Pablo Garcia-Fuentes, Southeastern Louisiana University, Gustavo Ferreira, Virginia Tech and P. Lynn Kennedy, Louisiana State University

1:40 **Financial and Marketing Performance of U.S. Multinational Agribusinesses: Foreign Direct Investment and Marketing Intensity**
Pablo Garcia-Fuentes, Southeastern Louisiana University, Gustavo Ferreira, Virginia Tech and P. Lynn Kennedy, Louisiana State University

2:00 **Derivatives Use and the Performance of Agricultural Banks**
Xuan Shen and Valentina Hartarska, Auburn University

2:20 **Accruals Anomaly in Agriculture Financial Economics**
Bruno Arthur, University of Kentucky

2:40 **WITHDRAWN - The Impact of Credit Constraints on U.S. Housing Price: Estimated by non-parametric approach**
Yarui Li and David Leatham, Texas A & M University

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**Tuesday 1:20 P.M. – 3:00 P.M.**

**Selected Papers Session 20**

**SBH Birmingham Ballroom XII**

**Title: Food Consumption, Safety and Policy**

Moderator: Greg Fonsah, University of Georgia

1:20 **Assessing Korean Consumers’ Valuation for Domestic and Imported Rice: Importance of Country of Origin and Food Miles Information**
Doo Bong Han, Korea University, Rodolfo Nayga, University of Arkansas, Ji Yong Lee and Jong Min Yoon, Korea University

1:40 **Analysis of Fruit Consumption in the U.S. with a Quadratic AIDS Model**
Dawit Mekonnen, Chung Huang and Esendugue Fonsah, The University of Georgia

2:00 **Disaggregation of Time in Household Food Production: Implications for the Goods-Time Elasticity of Substitution**
Jeta Rudi, George Davis and Wen You, Virginia Tech University

2:20 **Impact of the National School Lunch Program and the School Breakfast Program on Children’s Food Security**
Xiang Gao, Ariun Ishdorj and Lindsey Higgins, Texas A&M University

2:40 **At-Home Seafood Consumption in Kentucky: A Modified Hurdle Model Approach**
Wei Wan and Wuyang Hu, University of Kentucky

Tuesday 1:20 P.M. – 3:00 P.M.  
*Selected Papers Session 21*  
SBH Birmingham Ballroom III

Title: **Resource and Environmental Economics**

Moderator: Susan Head, Mississippi State University

1:20 **Analysis of Spatial Variation In Flood Risk Perception**
Ajita Atreya and Susana Ferreira, University of Georgia

1:40 **An Economic Risk Analysis of No-till Management for the Rice-Soybean Rotation System used in Arkansas**
Tatjana Hristovska, Bradley Watkins and Merle Anders; University of Arkansas

2:00 **An Economic Valuation of Pollination Services in Georgia**
Ashley Barfield, John Bergstrom and Susana Ferreira, University of Georgia

2:20 **Natural Resource Rights in General Equilibrium**
Henry Thompson, Auburn University

2:40 **The Impacts of Climate Change on Agricultural Production in the Southeast U.S.**
Jaehyuk Lee, Denis Nadolnyak and Valentina Hartarska, Auburn University

Tuesday 1:20 P.M. – 3:00 P.M.  
*Selected Papers Session 22*  
SBH Birmingham Ballroom V/IX

Title: **Production Economics**

Moderator: Lanier Nalley, University of Arkansas

1:20 **Feasibility Assessment of Biomass Harvesting Cooperative**
Arjun Basnet, Oklahoma State University

1:40 **Fragmentation of Agricultural Land Parcels**
Kalyn Neal, Damona Doye and Wade Brorsen, Oklahoma State University

2:00 **Risk and Nitrogen Application Decisions in Florida Potato Production**
Serhat Asci, Tatiana Borisova, John VanSickle and Lincoln Zotarelli, University of Florida

2:20 The Efficiency of The Transgenic Seed Technology: Frontier Analysis of the U.S. Corn Production under Climate Variability
John Wesley and Denis Nadolnyak, Auburn University

2:40 An estimation of the demand for dried distiller grains by the cattle feeding industry: a combination of survey methods and market projections
Darren Hudson, Donna Mitchell and Andrew Wright, Texas Tech University

Tuesday 1:20 P.M. – 3:00 P.M.
Selected Papers Session 23
SBH Birmingham Ballroom I

Title: International Agriculture and Trade
Moderator: James Bukenya, Alabama A&M University

1:20 Structural Reforms and Agricultural Export Performance: An Empirical Analysis
Dwi Susanto, Texas A&M University, Parr Rosson, Texas AgriLife Extension Service and Rafael Costa, Center for North American Studies

1:40 Economic Analysis of Fish Marketing in Central Uganda: Evidence from Traders Survey
James Bukenya, Alabama A&M University, Theodora Hyuha, Makerere University, Joseph Molnar, Auburn University and Julius Twinamasiko, Makerere University

2:00 WITHDRAWN - Global Rice Trade and Asymmetric Trade Cost
Abhishek Bharad and Young-Jae Lee, Louisiana State University

2:20 Estimating the U.S. import demand for melons: A dynamic Analysis Approach
Sam Kaninda Tshikala and Esendugue Fonsah, The University of Georgia

2:40 Exchange Rate Volatility in BRICS Countries
David Maradiaga, Hector Zapata and Aude Pujula, Louisiana State University

Tuesday 1:20 P.M. – 3:00 P.M.
Organized Symposium 5
SBH Birmingham Ballroom XI

Title: Encouraging Excellence in Communication in Undergraduate Agribusiness Programs

Organizer and Moderator: Michael Gunderson, University of Florida
Presenters:
1. Michael Gunderson, University of Florida, *Creating Meaningful Rubrics*
2. Vicky Salin, Texas A&M University, *Using Technology and Peer Feedback to Manage Writing Assignments in Large Classes*
3. Michelle Santiago, Sam Houston State University, *Communication Across the Curriculum*

Discussant: Agribusiness Human Resource Manager

**Tuesday 1:20 P.M. – 3:00 P.M.**
*Selected Papers Session 24*
*MFCC Medical Forum A*

**Title: Farm Management**
Moderator: Robert Stark, University of Arkansas at Monticello

1:20 *Measuring the Stochastic Monetary Benefits of Multiple Inlet Irrigation in Arkansas Rice Production*
Bradley Watkins, Tatjana Hristovska and Merle Anders, University of Arkansas

Richard Nehring, USDA/ERS, Jeffrey Gillespie, Louisiana State University Agricultural Center, Charlie Hallahan, USDA and Johannes Sauer, University of Manchester

2:00 *Factors Affecting Adoption of Autosteer Technology among Cotton Farmers*
Ashok Mishra, Jeremy D'Antoni and Rebekah Powell, Louisiana State University and Steven Martin, Mississippi State University

2:20 *Health Insurance and Joint Off-Farm Labor Allocation Decisions of Farm Families*
Jeremy D’Antoni and Ashok Mishra, Louisiana State University

2:40 *Choice of Optimal Planting and Marketing Decisions for Fresh Vegetable Producers: A Mathematical Programming Approach*
Michael Vassalos, Carl Dillon and Timothy Coolong, University of Kentucky

**Tuesday 1:20 P.M. – 3:00 P.M.**
*Organized Symposium 6*
*MFCC Medical Forum C*

**Title: Economic Impacts of Dietary Guidelines on the South**
Organizers: Ronald Knutson and Luis Ribera, Texas A&M University
Moderator: Ronald Knutson, Texas A&M University

Presenters:
1. Ronald Knutson, Texas A&M University, *Nature of Dietary Guidelines and Their Importance as a Policy Change*
2. Mechel Paggi, California State University, Fresno, *Implications of Dietary Guidelines, 2010 for the Southwest*
3. Luis Ribera and Henry Grant, Texas A&M University, *Implications of Dietary Guidelines, 2010 for the Deep South*

**Tuesday 1:20 P.M. – 3:00 P.M.**
*Organized Symposium 7*
MFCC Medical Forum D

**Title:** Innovative Approaches to Retain and Sustain Young and Beginning Producers in Agriculture

Organizers: H. L. Goodwin and L. Paul Goeringer, University of Arkansas

Moderator: H. L. Goodwin, University of Arkansas

Presenters:
1. Derrell Peel, Oklahoma State University, *Oklahoma Drought: Silver Lining for Young Producers?*
2. Ashok Mishra, Louisiana State University, *Technology Adoption Among YBPs and Profit*
3. L. Paul Goeringer, University of Arkansas, *Impact of a Potential Pilot Loan Program on the Profitability of YBPs*

**3:00 p.m. – 3:20 p.m. BREAK: Refreshments served in the SBH Ballroom Vestibule area**

**Tuesday 3:20 P.M. – 5:00 P.M.**
*Selected Papers Session 25*
SBH Birmingham Ballroom IV

**Title:** Resource and Environmental Economics

Moderator: Matt Freeman, Mississippi State University

3:20 *The Impact of Natural Amenity on Farmland Values: A Quantile Regression Approach.*
Ashok Mishra and Hiroki Uematsu, Louisiana State University

3:40 *The External Costs Of Wind Farm Development On the High Plains: Are Developers Making An Effort To Minimize These Costs?*
Ryan Williams, Texas Tech University
4:00 Beach Quality and Recreational Values: A Pictorialized Stated Preference Analysis
Jerrod Penn and Wuyang Hu, University of Kentucky and Linda Cox and Lara Kozloff, University of Hawaii at Manoa

4:20 Climate Change Impacts on the Severity of Avian Influenza Outbreaks Using Hurdle Models of Count Data with Extra Zeros
Jianhong Mu and Bruce McCarl, Texas A&M University

4:40 Impact of Off-Farm Employment on Farmers’ Willingness to Grow Switchgrass and Miscanthus
Haluk Gedikoglu, Lincoln University of Missouri

Tuesday 3:20 P.M. – 5:00 P.M.
Selected Papers Session 26
SBH Birmingham Ballroom XII

Title: Production Economics
Moderator: Kalyn Coatney, Mississippi State University

3:20 Are Tomato-Spotted Wilt Virus Management Tactics Good Enough?
Sebastain Awondo, Esendugue Fonsah and David Riley, University of Georgia and Mark Abney, North Carolina State University

3:40 Stochastic Frontier Analysis of Microbial Inoculation Input Usage in Apple Production
Holcer Chavez, Denis Nadolnyak and Joseph Kloepper, Auburn University

4:00 Factors Influencing Production Variability in Cow-Calf Operations in the Southeastern United States
Tracey Adkins and John Riley, Mississippi State University

4:20 Determining the Optimal Location for Collocating a Louisiana Sugar Mill and a New Cellulosic Ethanol Plant
Paul Darby, Louisiana State University, Tyler Mark, Morehead State University and Michael Salassi, Louisiana State University

4:40 WITHDRAWN Positive Externality Effects of Bt Toxin on Natural Refuge Crops in India
Rohit Singla, McGill University, Sukant Misra and Phillip Johnson, Texas Tech University and Anwar Naseem, McGill University

Tuesday 3:20 P.M. – 5:00 P.M.
Selected Papers Session 27
SBH Birmingham Ballroom III

Title: Agricultural Policy

Moderator: David Ubilava, Mississippi State University

3:20 An analysis of the feasibility of carbon management policies as a mechanism to influence water conservation using optimization methods
Darren Hudson and Andrew Wright, Texas Tech University

3:40 Analyzing Crop Revenue Safety Net Program Alternatives and Impacts on Producers and Program Costs
Jim Jansen, Bradley Lubben and Matthew Stockton, University of Nebraska-Lincoln

4:00 U.S. Tobacco Growers’ Concerns about the Impact of the FDA Regulation of Tobacco Products
Shiferaw Feleke, Jane Starnes and Kelly Tiller, University of Tennessee

4:20 Welfare Effects of Herbicide-Tolerant Rice Adoption in Brazil in the presence of IPRs
Fabrizio Galli, Rohit Singla and Anwar Naseem, McGill University

4:40 Impact of United States Corn-Based Ethanol Production on Land Use
Flakkeh Sobowale, Mike Dicks, Brian Adam and Jody Campiche; Oklahoma State University

Tuesday 3:20 P.M. – 5:00 P.M.
Selected Papers Session 28
SBH Birmingham Ballroom V/IX

Title: International Agriculture and Trade

Moderator: Young-Jae Lee, Louisiana State University

3:20 U.S. Citrus Import Demand: Seasonality and Substitution
Katherine Baldwin and Keithly Jones, USDA Economic Research Service

3:40 Innovation Systems and Technical Efficiency in Developing-Country Agriculture
David Spielman, International Food Policy Research Institute, Dawit Mekonnen and Esendugue Fonsah, The University of Georgia

4:00 What is the Difference in Profit per Acre between Organic and Conventional Coffee
Jennifer Jensen and Michael Dicks, Oklahoma State University

4:20 Export Demand Function Estimation for U.S. Raisins
Mohammad Soltani and Sayed Saghaian, University of Kentucky
4:40 Caribbean Food Import Demand: Influence of the Changing Dynamics of the Caribbean Economy
Lurleen Walters, Florida A&M University and Keithly Jones, USDA Economic Research Service

Tuesday 3:20 P.M. – 5:00 P.M.
Selected Papers Session 29
SBH Birmingham Ballroom I

Title: Farm Management
Moderator: Gregg Ibendahl, Mississippi State University

3:20 The Connection Between Cash Rents and Land Values
Gregory Ibendahl, Mississippi State University and Terry Griffin, University of Arkansas

3:40 The effect of housing prices on Georgia farmland option values
Anne Karner, University of Georgia

4:00 Estimation of Farm-Forward Regional Economic Impacts for the North Plains Groundwater Conservation District
Bridget Guerrero, Stephen Amosson, Dean McCorkle, Rebekka Dudensing and Daniel Hanselka, Texas A&M University, and Darren Hudson, Texas Tech University

4:20 WITHDRAWN - Farm-level Timeliness: Revisiting Days Suitable for Fieldwork and Crop Progress Timing relative to Global Climate Cycles in a Farm Management Context
Terry Griffin, University of Arkansas and Tyler Mark, Morehead State University

4:40 Spatial Considerations in the Production of Nonconventional Biomass for Biofuels in North Carolina
Godfrey Ejimakor, Raphael Okafor and Kimona Smith, NC A&T State University

Tuesday 3:20 P.M. – 5:00 P.M.
Organized Symposium 8
MFCC Medical Forum C

Title: Graduate Students as Course Instructors – Is This the New Model for Graduate Programs in Agricultural and Applied Economics

Organizer and Moderator: James Sterns, University of Florida

Participants:
1. Jennifer Tywman, University of Florida
2. Michael E. Wetzstein, University of Georgia
3. Gail L. Kramer, Louisiana State University
4. Michael Gunderson, University of Florida

Tuesday 3:20 P.M. – 5:00 P.M.
Organized Symposium 9
MFCC Medical Forum D

Title: Opportunities and Challenges in Farming: Potential for Nontraditional Entrants

Organizer and Moderator: Mary Ahearn, USDA Economic Research Service

Presenters:
1. Mary Ahearn, USDA Economic Research Service
2. Valentina Hartarska, Auburn University
3. Tasha Hargrove, Tuskegee University
4. Lee Meyer, University of Kentucky

Discussant: H.L. Goodwin, University of Arkansas

Tuesday 3:20 P.M. – 5:00 P.M.
Organized Symposium 10
MFCC Medical Forum A

Title: Cuba Prospects and Issues for Agricultural Trade

Organizer: Multistate Research Project S1043 “Economic Impacts of International Trade and Domestic Policies on Southern Agriculture”

Moderator: David Schweikhardt, Michigan State University

Presenters:
1. Cassandra Copeland, Oglethorpe University, Curtis Jolly and Henry Thompson, Auburn University, The History and Potential of Trade Between Cuba and the US
2. Flynn Adcock and Dan Hanselka, Texas A&M University, Economic Impacts of U.S. Exports to Cuba on the South

Discussants: Daniel Whitley, USDA Foreign Agricultural Service, and Andrew Schmitz, University of Florida

Tuesday 6:00 – 8:00 p.m.
SAEA Reception
McWane Science Center
Food, Drink and Access to the Museum included
Must Wear SAEA Name Badge to Enter the Reception