Southern Agricultural Economics Association
35th Annual Meetings Program
February 2 – 5, 2003

SAEA OFFICERS:

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Meeting Rooms are Located in the Adam’s Mark (AM) or the Convention Center (CC)

Saturday 8 p.m. – 10 p.m.
Quiz Bowl Orientation
Mobile Ballroom III (AM)

Sunday 8 a.m. – 5 p.m.
Registration
Upper Concourse (CC)

Sunday 8 a.m. – 5 p.m.
Quiz Bowl
Mobile Ballroom III (AM)

Sunday 9 a.m. – 2 p.m.
SAEA Executive Board Meeting
Bay Point Suite (AM)

Sunday 4 – 6 p.m.
SAAS General Session
West (CC)

Sunday 6:30 – 8 p.m.
SAAS Reception
East and West (CC)

Sunday 2:00 p.m. – Tuesday 5 p.m.
Selected Posters
Prefunction Area (CC)
Poster Presentations will be
Tuesday 10:15 – 12:00 noon

A Review of Current Conditions in the Texas Shrimp Industry, an Examination of Contributing Factors, and Suggestions for Remaining Competitive in the Global Shrimp Market
Lawrence L. Falconer, Texas A&M University
Michael G. Haby, Texas A&M University
Russell J. Miget, Texas A&M University
Gary L. Graham, Texas A&M University

Can Local Feed Mills Survive Declining Margins and Integrator Mega Mills?
Marty J. McVey, AGRI Industries
C. Phillip Baumel, Iowa State University

Ultrasound Technology for Better Beef Price
Arbindra Rimal, Southwest Missouri State University
Tommy Perkins, Southwest Missouri State University
Joe C. Paschal, Texas A&M University

Group 2 – Farm Management and Production

Weighing the Options of Citrus Mechanical Harvesting: A Grower’s Perspective
Fritz M. Roka, University of Florida

Production Contracting in the South: A Comparison of Poultry and Hogs
Mary Ahearn, USDA, ERS, RED
Kenrett Jefferson, Auburn University
David Banker, USDA, ERS, RED

Group 1 – Agribusiness, Marketing, and Agricultural Prices

Wheat Grading in Turkey
B. Wade Brorsen, Oklahoma State University
Dasheng Ji, Oklahoma State University

Economic Feasibility of Using GIS and Remote Sensing Technologies to Make Management Decisions
Kenneth W. Paxton, Louisiana State University
Huiizhen Niu, Louisiana State University
Roger Leonard, Louisiana State University
Ralph Bagwell, Louisiana State University
Matt Bethel, Stennis Space Center
The Economic Benefit of Integrated Pest Management in Rice Production in Southeast Texas
David Anderson, Texas A&M University
M.O. Way, Texas A&M University

An Analysis of World Peanut Trade and FTAA: The Case of Latin America
Dae-Seob Lee, Louisiana State University
P. Lynn Kennedy, Louisiana State University
Stanley M. Fletcher, University of Georgia

Potential Economic Impacts of U.S. Agricultural Exports to Cuba on the South
C. Parr Rosson, Texas A&M University
Flynn J. Adcock, Texas A&M University

Ecological Attitudes and Adoption of Best Management Practices: A Study of Louisiana Sugarcane Farmers
Steven A. Henning, Louisiana State University
Hugo Cardona, University of San Carlos of Guatemala
Ying Zhong, Louisiana State University

Facilitated Blue Crab Management Workshops: Stakeholder Preferences and Lessons Learned
Sherry L. Larkin, University of Florida
Charles M. Adams, University of Florida

Group 4 – Agricultural and Food Policy, and Quantitative Methods
A Bivariate Probit Contingent Valuation Method with Partial Observability: An Application to the Black Bass Fishing
Abdulkabi Bilgic, University of Georgia
Wojciech J. Florkowski, University of Georgia

Confidence in Food Safety Regulations, Perceptions of Beef Irradiation, and Consumer Attitudes Toward Irradiated Beef
Senhui He, University of Georgia
Stanley Fletcher, University of Georgia
Arbindra Rimal, Southwest Missouri State University

Frequent Filers: Anomalous Producers with Consecutive Multi-Year Indemnity Payments
Roderick M. Rejesus, Texas Tech University
Bert B. Little, Tarleton State University
Ashley C. Lovell, Tarleton State University
Mike H. Cross, Planning Systems Inc.
Stacey A. Olson, Tarleton State University
Matthew D. Thomas, Tarleton State University

Quiz Bowl
Mobile Ballroom III (AM)
Monday 8 a.m. – 5 p.m.

Departmental Recruitment Displays
Prefunction Area (CC)
Monday 8:30 a.m. – 8:45 a.m.
35th Annual SAEA Meetings
Opening Remarks and Welcome
Steve Turner, SAEA President
West (CC)
Monday 8:45 a.m. – 9:45 a.m.

Invited Papers 1
West (CC)
Monday 10:15 a.m. – 12 noon

Title: Rural Infrastructure in the South: Trends and Challenges
Organizers: Bradford Mills, Virginia Tech University
Deborah Tootle, Louisiana State University

Education and Socio-economic Well-being in Racial Diverse Rural Communities
Elton Mykerezi, Bradford Mills, and Sonya Gomes, Virginia Tech University

Rural Roads and Bridges in the South – Condition and Expenditure Trends, 1991-2000: What Happens When the Boom Years Stop?
Eileen Stommes, Economic Research Service, USDA

Infrastructure Trends and Their Implications for Continued Vitality of Rural Communities in the South: Discussion
Deborah Tootle, Louisiana State University

Monday 10:15 a.m. – 12 noon
Invited Papers 2
Meeting Room 106 A

Title: Tomato Wars: A Look at the Trade, Structural Changes, and Competitiveness in the North American Produce Industry
Organizer: Timothy Woods, University of Kentucky

Moderator: Allen Wysocki, University of Florida
**Presenters:**

**U.S.-Canadian Tomato Wars, An Economist's Tries to Make Sense Out of the Recent Anti-Dumping Suits**
John Van Sickle, University of Florida

**Changing Produce Marketing Barriers – A Comparison over Four Southern States**
David Eastwood, University of Tennessee

**A Path Dependency Competitiveness Model to Examine Regional Marketing Systems and Conflicts**
Timothy Woods, University of Kentucky
Roberta Cook, University of California, Davis

Discussant: Ed Estes, North Carolina State University

**Monday 12 noon – 2 p.m.**
**SERA-IEG 16 Business Meeting**
Oakleigh Suite (AM)

**Monday 1 p.m. – 2:45 p.m.**
**Selected Papers 1**
Mobile Ballroom I (AM)

**Title:** Willingness-to-Pay

**Moderator:** Terry Hanson, Auburn University

**Use of Chamberlain Fixed Effects Approach to Estimate Willingness-To-Pay for Little Tennessee River Basin Management Alternatives**
John C. Bergstrom, University of Georgia
Tom Holmes, USDA Forest Service
Eric Huszar, USDA APHIS
Susan Kask, Warren Wilson College
Dmitriy Volinskiy, University of Georgia

**The Effects of Irrational Responses in Contingent Valuation Survey and the Appropriate Treatment**
Senhui He, University of Georgia
Stanley Fletcher, University of Georgia
Arbindra Rimal, Southwest Missouri State University

**Income Reminder and the Divergence Between Willingness-to-pay Estimates Associated with Dichotomous Choice and Open-Ended Elicitation Formats**
Senhui He, University of Georgia
Jeffrey L. Jordan, University of Georgia
Wojciech Florkowski, University of Georgia

**Acceptability of Irradiation Technology to Food Service Providers**
Kranti Mulik, Kansas State University
John A. Fox, Kansas State University
Michael Boland, Kansas State University

Application of Two-Stage Zero-Inflated Count Data Model to Demand for Black Bass Fishing in the Southeastern United States
Abdulbaki Bilgic, University of Georgia
Wojciech J. Florkowski, University of Georgia

**Truncated-at-Zero Count Data Models with Partial Observability: An Application to the Freshwater Fishing Demand in the Southeastern U.S.**
Abdulbaki Bilgic, University of Georgia
Wojciech J. Florkowski, University of Georgia

**An Analysis of Willingness to Participate in Wilderness Recreation**
Murali Adhikari, University of Georgia
John C. Bergstrom, University of Georgia
Jack E. Houston, University of Georgia
Mike Bower, University of Georgia

**Estimation of the Demand for State Parks Visits using a Panel Data Analysis Technique in a Travel Cost Method Framework**
Krishna P. Paudel, Louisiana State University
Larry M. Hall, Louisiana State University

**Monday 1 p.m. – 2:45 p.m.**
**Selected Papers 3**
Mobile Ballroom III (AM)

**Title:** Evaluation of Production Alternatives 1

**Moderator:** Nathan Smith, University of Georgia

**FAIR, PostFAIR, and NoFAIR: A Comparison of Cropping Alternatives for the Southern Great Plains**
Jon Biermacher, Oklahoma State University
Francis M. Epplin, Oklahoma State University
Kent Keim, Oklahoma State University

**Economic Analysis of Renovating Endophyte Infected Fescue and Replacing with Novel Endophyte Fescue**
Curt Lacy, University of Georgia
John Anderson, Mississippi State University

**Goals of Beef Cattle and Dairy Producers: A Comparison of the Fuzzy Pair-Wise Method and Simple Ranking Procedure**
Aydin Basarir, Gaziosmanpasa University
Jeffrey M. Gillespie, Louisiana State University

**Effects of Risk on Optimal Nitrogen Fertilization Dates in Winter Wheat Production, as Affected by Disease and Nitrogen Source**
Jeremy Walters, University of Tennessee
Roland K. Roberts, University of Tennessee
James A. Larson, University of Tennessee
Burton C. English, University of Tennessee

**Monday 1 p.m. – 2:45 p.m.**
**Selected Papers 2**
Mobile Ballroom II (AM)

**Title:** Recreation Demand

**Moderator:** Mike Thomas, Florida A&M
Effects of High and Low Management Intensity on Profitability for Three Watermelon Genotypes
Merritt J. Taylor, Oklahoma State University
Wenhua Lu, Oklahoma State University
James A. Duthie, Oklahoma State University
Jonathan V. Edelson, Oklahoma State University
B. Warren Roberts, Oklahoma State University

Monday 1 p.m. – 2:45 p.m.
Selected Papers 4
Blakeley Ballroom I (AM)

Title: Best Management Practices
Moderator: Ronald Fleming, University of Kentucky

Watershed-level Policies to Implement Best Management Practices under Environmental Risk
Walaiport Intarapapong, Mississippi State University
Diane Hite, Auburn University

Effects on Farm Income and the Environment from Targeting Agricultural Best Management Practices (BMPs)
John V. Westra, Louisiana State University

Tihomir Ancev, Oklahoma State University
Arthur L. Stoecker, Oklahoma State University

The Economic Impact of EPA's Proposed Manure Application Regulations on CAFO Dairy Farms in the Southwest Region
Wen-yuan Huang, USDA Economic Research Service
Sara Short, USDA Economic Research Service

Monday 1 p.m. – 2:45 p.m.
Selected Papers 5
Blakeley Ballroom II (AM)

Title: Beef and International Markets
Moderator: Albert Allen, Mississippi State University

Implications of Mexican Beef Demand Changes on Cattle and Beef Production in Mexico and U.S. – Mexican Cattle and Beef Trade
Derrell Peel, Oklahoma State University
Laurel Anderson, Oklahoma State University

Testing Separability in a Generalized Ordinary Differential Demand System: The Case of Nigerian Demand for Meat
Ebenezer O. Ogunyinka, Kansas State University
Thomas Marsh, Kansas State University

Spatial Price Linkages Between Chinese Regional Beef Markets
Xuehua Peng, University of Kentucky
Mary Marchant, University of Kentucky

Title: Weather, Crop Insurance, and CRP
Moderator: Charlotte Ham, Tuskegee University

Ownership Structures and Prevented Planting Claims in Crop Insurance
Roderick M. Rejesus, Texas Tech University
Cesar L. Escalante, University of Georgia
Mike H. Cross, Planning Systems, Inc.
Determinants of Participation Behavior of Limited Resource Farmers in Conservation Reserve Program in Alabama
Buddhi R. Gyawali, Alabama A&M University
Odili Onianwa, Alabama A&M University
Gerald Wheelock, Alabama A&M University
Rory Fraser, Alabama A&M University

Beef Producer Preferences and Purchase Decisions for Livestock Revenue Insurance Products
Deacue Fields, Auburn University
Jeffrey Gillespie, Louisiana State University

Using Data Mining to Detect Anomalous Producer Behavior: An Analysis of Soybean Production and The Federal Crop Insurance Program
Stacey A. Olson, Tarleton State University
Ashley C. Lovell, Tarleton State University
Bertis B. Little, Tarleton State University

Monday 3:15 p.m. – 5 p.m.
Selected Papers 7
Mobile Ballroom II (AM)

Title: Farm Level Decision Model 1
Moderator: Tom Anton, University of Florida

Precision Farming in Irrigated Corn Production: An Economic Perspective
Susan E. Watson, University of Louisiana, Monroe
Eduardo Segarra, Texas Tech University
Stephen Machado, Texas A&M University
Edsel Bynum, Texas A&M University
Thomas Archer, Texas A&M University
Kevin Bronson, Texas A&M University

Incentives for Switching Acres to Carbon Sequestering No-Tillage: What Duration of Incentives are Necessary?
Chad Hellwinckel, University of Tennessee
Daniel De La Torre Ugarte, University of Tennessee
James Larson, University of Tennessee

Risk Management Tools in Precision Agriculture
Laura A. Powers, University of Kentucky
Carl R. Dillon, University of Kentucky
Steve G. Isaacs, University of Kentucky
Scott A. Shearer, University of Kentucky

Using Experiment Station Data to Pick Optimal Wheat Varieties and Corn Hybrids
Jayme Rousseau, Kansas State University
Kevin Dhuyvetter, Kansas State University

Monday 3:15 p.m. – 5 p.m.
Selected Papers 8
Mobile Ballroom III (AM)

Title: Environmental and Natural Resource Issues
Moderator: Scott Templeton, Clemson University

Can Eco-labeling Do More Harm Than Good? A Comparative Statics Analysis
Kevin Althearn, University of Florida

An Energy Strategy Based on Energy Dedicated Crops or Corn: Differential Economic and Regional Impacts
Daniel De La Torre Ugarte, University of Tennessee

The Influence of Public vs. Private Based Payment Vehicles in Willingness to Pay Responses: A Contingent Valuation Study of Nitrates in Groundwater
Michael Thomas, Florida A&M University
Carmen Lyttle N’Guessan, Florida A&M University
Nick Stratis, Florida State University

A Case for Subvention of Private Landowners in the Louisiana Coastal Zone
Rex H. Caffey, Louisiana State University

Monday 3:15 p.m. – 5 p.m.
Selected Papers 9
Blakeley Ballroom I (AM)

Title: Evaluating Risky Production Alternatives
Moderator: James Sterns, University of Florida

Stocker Cattle Ownership vs Contract Grazing: A Comparison of Risk-Adjusted Returns
John D. Anderson, Mississippi State University
Curt Lacy, University of Georgia
Charlie Forrest, Mississippi State University
Randi Little, Mississippi State University

Optimal Pest Management Decision Rules in Floriculture
Sara K. Schumacher, Kansas State University
Thomas L. Marsh, Kansas State University
Kimberly A. Williams, Kansas State University

Precision Agriculture – Whole Field Farming and Irrigation Practices: A Production Risk Analysis
Jean-Marc Gandonou, University of Kentucky
Carl R. Dillon, University of Kentucky
Murali Kanakasabai, University of Kentucky
Scott Shearer, University of Kentucky

Impacts of Clearfield Rice Technology on Rice-Soybeans Rotation: A Model of Technology Adoption with Uncertainty
Eric Wailes, University of Arkansas
Mamane Annou, University of Arkansas

Monday 3:15 p.m. – 5 p.m.
Selected Papers 10
Blakeley Ballroom II (AM)

Title: Impact of Farm Bill 1
Moderator: Stanley Bevers, Texas A&M University
Farm-Level Impacts of the 2002 Farm Bill on a Georgia and a North Carolina Farm
Nathan B. Smith, University of Georgia
S. Gary Bullen, North Carolina State University

Farm Commodity Payment Limits: What Impact Will They Have on the Economic Viability of Southeastern Agriculture
Stanley M. Fletcher, University of Georgia
Audrey S. Luke-Morgan, University of Georgia
Allen E. McCorvey, University of Georgia
James W. Richardson, Texas A&M University

Effects of Emphasizing Decoupled Versus Coupled Policy Tools in the 2002 Farm Bill
George M. Knapek, Texas A&M University
Joe L. Outlaw, Texas A&M University
David P. Anderson, Texas A&M University
James D. Sartwelle, Texas A&M University
Dean A. McCorkle, Texas A&M University

Southern Agriculture Under the 2002 Farm Bill: A Representative Farms Approach
James D. Sartwelle, Texas A&M University
Kelly J. Tiller, University of Tennessee
James W. Richardson, Texas A&M University
Joe L. Outlaw, Texas A&M University
David P. Anderson, Texas A&M University

Bio-based Products: Importance in the U.S. and Global Economy and Need for Collecting and Disseminating Bio-based Product Information
Surenda P. Singh, Tennessee State University

Factors Affecting Salaries for Students with Bachelor's and Master's Degrees in Agribusiness Economics: The Non-Land-Grant Experience
Kim Harris, Southern Illinois University

Success Factors for Value-Added New Generation Cooperatives
Jared Carlberg, University of Manitoba
Rodney Holcomb, Oklahoma State University
Clement Ward, Oklahoma State University

Internet Adoption and Use of E-Commerce Strategies by Agribusiness Firms in Alabama
Dionne McFarlane, Alabama A&M University
Duncan Chembezi, Alabama A&M University
Joseph Befecadu, Alabama A&M University

Post Merger Financial Performance of Oklahoma Cooperatives
Phil Kenkel, Oklahoma State University
Becky Fox, Oklahoma State University
Amy Gilbert, Oklahoma State University

Measuring Productivity and Growth 1
Moderator: John Westra, Louisiana State University
Scope and Scale Efficiency Gains due to Vertical Integration in the U.S. Hog Industry
Joseph Atwood, Montana State University
Glenn A. Helmers, University of Nebraska
Saleem Shaik, Mississippi State University

Two-Sector Multi-factor Productivity Measures
Carlos Arnade, USDA-Economic Research Service
Keithly Jones, USDA-Economic Research Service

Patterns of Post-War Agricultural Productivity in the Southeast and Delta Regions
Albert Acquaye, Auburn University
Kenrett Jefferson, Auburn University

Determinants of Economic Growth
Daniel V. Rainey, University of Arkansas
Olga Murova, University of Arkansas
Bertrand Morris, University of Arkansas

Tuesday 8 a.m. – 9:45 a.m.
Selected Papers 13
Mobile Ballroom III (AM)

Title: Estimating Impact of Changes
Moderator: Aditi Angirasa, Southwest Texas State University

Impact of NAFTA on U.S. Corn Trade
A. A. Farhad Chowdhury, Mississippi Valley State University
Albert J. Allen, Mississippi State University

Price Dynamics in the U.S. Fiber Markets: Implications for the Cotton Industry
Jagadanand Chaudhary, Texas Tech University
Samarendu Mohanty, Texas Tech University

Assessing the Impacts of Non-Price Export Promotion for Wheat in Major Asian Markets
Murali Adhikari, University of Georgia
Laxmi Paudel, University of Georgia
Jack E. Houston, University of Georgia
Biswo Nath Paudel, Rice University

Federally Mandated Natural Resource Constraints and Regional Economic Analysis: A Computable General Equilibrium Approach
David Willis, Texas Tech University
David Holland, Washington State University

Tuesday 8 a.m. – 9:45 a.m.
Selected Papers 14
Blakeley Ballroom I (AM)

Title: Farm Level Decision Model 2
Moderator: Todd Davis, Clemson University

Policy Implications on the Reduction of N Fertilizer Use On Non-Irrigated Corn-Winter Wheat Production in North Alabama
Barbara A. Joseph, Alabama A&M University
Hezekiah Jones, Alabama A&M University
Joseph Befecadu, Alabama A&M University

Utilizing Expected Revenue in Selecting Optimal Marketing Alternatives for Fixed Resource Cow-Calf Operators in the Texas Panhandle
W. Arden Colette, West Texas A&M University
Lal K. Almas, West Texas A&M University
Chad Hittle, West Texas A&M University

Influence of New Farm Bill Provisions on Farm Level Resource Allocation and Conservation on Highly Erodible Land
John R. C. Robinson, Texas A&M University

The Influence of Labor Constraints on Optimal Calving Season for Mixed Production Operations in the Northern Great Plains
Renee Hawkins, Kansas State University
Eric DeVuyst, North Dakota State University
Michael Boland, Kansas State University

Tuesday 8 a.m. – 9:45 a.m.
Selected Papers 15
Blakeley Ballroom II (AM)

Title: Econometric Methods and Applications
Moderator: Ashley Renck, Texas A&M University, Commerce

Do Economic Restrictions Improve Forecasts?
Beth Murphy, North Carolina State University
Bailey Norwood, North Carolina State University

Threshold Models in Theory and Practice
Hector O. Zapata, Louisiana State University
Wayne M. Gauthier, Louisiana State University

Impact of the Asia-Pacific Economic Cooperation Agreement and the Free Trade Area of the Americas Agreement on International Rice Trade
Alvaro Durand Morat, University of Arkansas
Eric Wailes, University of Arkansas

Market Power and the Impact of Exchange Rate Movements on Prices of European Union (EU-12) Soybean Imports
Oluwarotimi O. Odeh, Kansas State University

Tuesday 8 a.m. – 9:45 a.m.
Selected Papers 16
Alabama Ballroom II (AM)

Title: Price Analysis
Moderator: Charles Adams, University of Florida
Mandatory Versus Voluntary Price Reporting: An Empirical Investigation of the Market Transparency Controversy
Scott W. Fausti, South Dakota State University
Randy Keimig, South Dakota State University
Matthew Diersen, South Dakota State University
Han Kim, South Dakota State University
Joe Santos, South Dakota State University

The Smithfield / Packerland Merger and the Holstein Feeder Steer Price Differential
Kenneth H. Burdine, University of Kentucky
Lee Meyer, University of Kentucky
Leigh Maynard, University of Kentucky

Long-run Trend Analysis of Counter-Cycle Program Commodity Prices in the Farm Security Act of 2001
Sung Chul No, Southern University
Michael E. Salassi, Louisiana State University
Hector O. Zapata, Louisiana State University

Price Discovery in the Futures and Cash Market for Sugar
Delroy A. Armstrong, Louisiana State University
Hector O. Zapata, Louisiana State University
T. Randall Fortenbery, University of Wisconsin

Tuesday 8 a.m. – 9:45 a.m.
Organized Symposium 5
Meeting Room 106 A (CC)

Title: Emerging Issues, Trends and Viability of Small Farm Operations
Organizers: Safdar Muhammad, Tennessee State University
Fisseha Tegene, Tennessee State University
Moderator: Albert Allen, Mississippi State University
Participants:
Duncan Chembezi, Alabama A&M University
Tom Tate, USDA/CSREES
Dovi Aliope, Alcorn State University
Fisseha Tegegne, Tennessee State University
Safdar Muhammad, Tennessee State University
Enefiok Ekanem, Tennessee State University
Surendra Singh, Tennessee State University

Tuesday 8 a.m. – 9:45 a.m.
Organized Symposium 6
Meeting Room 106 B (CC)

Title: Macro Effects of the 2002 Farm Bill
Organizer: Gregory Ibendahl, University of Kentucky
Moderator: Jim Novak, Auburn University
Participants:
Gregory Ibendahl, University of Kentucky
John Anderson, Mississippi State University
Robert Cropp, University of Wisconsin

Tuesday 10:15 a.m. – 12 noon
Invited Papers 3
Alabama Ballroom (AM)

Title: Teaching, Learning, and Problem Solving Through Economic Experiments
Organizers: Darren Hudson, Mississippi State University
Jayson Lusk, Mississippi State University
Moderator: Norbert Wilson, Auburn University
Presenters:
Teaching Economics with Economic Experiments
Barry Barnett, University of Georgia
Experiments as An Alternative Means to test Hypotheses in Agricultural Economics
Darren Hudson, Mississippi State University
Using Experimental Auctions to Value a Novel Good
Jayson Lusk, Mississippi State University
Ted Schroeder, Kansas State University
Discussant: Bob Nelson, Auburn University

Tuesday 10:15 a.m. – 12 noon
Invited Papers 4
Meeting Room 106A (CC)

Title: Water Quality and Quantity Issues in Southern Agricultural Systems: TMDLs, BMPs and Policy prescriptions
Organizers: Diane Hite, Auburn University
Terry Hanson, Mississippi State University
Krishna Paudel, Louisiana State University
Moderator: Michael Thomas, Florida A&M University
Presenters:
Use of On-Farm Reservoirs for Rice production: Results from the MARORA Model
Jennie Popp, University of Arkansas
Watershed-Level Bioeconomic Modeling of Best management Practices in Southern Agricultural Systems
Ashley W. Renck, Mississippi State University
Estimating the Effects of Alternative Arrangements for Tradable Water Permits on Georgia’s Impaired Waters
Jeffrey D. Mullen, University of Georgia
Agricultural Insurance as an Environmental Policy Tool
Keith Coble, Mississippi State University
Discussants:
Brent Sohngen, The Ohio State University
John Bergstrom, University of Georgia
Tuesday 1 p.m. – 2:45 p.m.  
Selected Papers 17  
Mobile Ballroom I (AM)

Title: Measuring Productivity and Growth 2  
Moderator: Ceszar Escalante, University of Georgia

Scale Economies and Efficiencies for Chinese Rural Credit  
Fengxia Dong, Kansas State University  
Allen Featherstone, Kansas State University

On the Choice of Functional Forms in the Measurement of Scale and Scope Economics: Generalized Box-Cox and Composite Cost Functions  
Ebenezer O. Ogunyinka, Kansas State University  
Allen Featherstone, Kansas State University

The Effects of Research of Wheat Yields and Yield Variances  
Senhui He, University of Georgia  
Fred C. White, University of Georgia  
Stanley Fletcher, University of Georgia

Research Spillovers and Returns to Wheat Research Investment  
Fred C. White, University of Georgia  
Senhui He, University of Georgia  
Stanley Fletcher, University of Georgia

Tuesday 1:00 p.m. – 2:45 p.m.  
Selected Papers 18  
Mobile Ballroom II (AM)

Title: Labeling

Moderator: Alvin Schupp, Louisiana State University

Credence Goods: A Labeling Problem?  
Ashley Wood Renck, Texas A&M -Commerce  
Diane Hite, Auburn University

Factors Influencing the Implementation of Best Management Practices in the Dairy Industry  
Noro C. Rahelizatovo, Louisiana State University  
Jeffrey M. Gillespie, Louisiana State University

Impact of Low Milk Prices on U.S. Dairy Farms in 2000  
Sara D. Short, USDA- Economic Research Service

Tuesday 1:00 p.m. – 2:45 p.m.  
Selected Papers 19  
Mobile Ballroom III (AM)

Title: Impact of Farm Bill 2

Moderator: Joe Outlaw, Texas A&M University

The Effect of the 2002 Farm Bill on Crop Enterprise Selection in the Southeast Region  
Todd D. Davis, Clemson University  
Charles E. Curtis, Jr., Clemson University  
George A. Shumaker, University of Georgia  
Nathan B. Smith, University of Georgia

The Economic Effects of Recent Change in Federal Peanut Policy  
Jan Chvosta, North Carolina University  
Walter N. Thurman, North Carolina University  
Blake A. Brown, North Carolina University

Proposed Tobacco Quota Buyout Legislation: Effects on Tennessee Tobacco Farms  
Kelly J. Tiller, University of Tennessee  
Jennifer G. Brown, University of Tennessee

The Economics of the Base and Yield Update Decision  
Dean A. McCorkle, Texas A&M University  
Joe L. Outlaw, Texas A&M University  
George M. Knapek, Texas A&M University  
Steven L. Klose, Texas A&M University  
James D. Sartwelle, Texas A&M University

Tuesday 1 p.m. – 2:45 p.m.  
Selected Papers 20  
Blakeley Ballroom I (AM)

Title: Evaluation of Production Alternatives 2

Moderator: Roderick Rejesus, Texas Technical University

Off-Farm Labor and the Adoption of Herbicide-Tolerant Soybeans  
Jorge Fernandez-Cornejo, USDA- Economic Research Service  
Chad Hendricks, USDA- Economic Research Service

Factors Influencing the Implementation of Best Management Practices in the Dairy Industry  
Noro C. Rahelizatovo, Louisiana State University  
Jeffrey M. Gillespie, Louisiana State University

Impact of Low Milk Prices on U.S. Dairy Farms in 2000  
Sara D. Short, USDA- Economic Research Service

Piece Rates and Agricultural Productivity: Worker Performance and Environmental Constraints  
Hector D. Dorbecker, University of Florida  
Robert D. Emerson, University of Florida  
Fritz M. Roka, University of Florida
Tuesday 1 p.m. – 2:45 p.m.
Selected Papers 21
Alabama Ballroom II (AM)

Title: Using GIS

Moderator: Wes Harrison, Louisiana State University

Estimation of Surface Water Quality Changes in Response to Land Use: Application of Remote Sensing and Geographical Information System
  Osei-Agyeman Yeboah, Auburn University
  James Cruise, University of Alabama
  Upton Hatch, Auburn University

  Osei-Agyeman Yeboah, Auburn University
  Saleem Shaik, Mississippi State University
  Upton Hatch, Auburn University

Community Choices and Housing Decisions: A Spatial Analysis of the Southern Appalachia Region
  Seong-Hoon Cho, University of Georgia
  David H. Newman, University of Georgia
  David N. Wear, USDA-Forest Service

Estimated Impact on Farm Income and Greenhouse Gas Levels from Changing Agricultural Practices
  John V. Westra, Louisiana State University

Tuesday 1 p.m. – 2:45 p.m.
Selected Papers 22
Alabama Ballroom III (AM)

Title: Teaching

Moderator: Parr Rosson, Texas A&M University

Using Both Sociological and Economic Incentives to Reduce Moral Hazard
  Edgar F. Pebe Diaz, Ministry of Economy and Finance - Peru
  B. Wade Brorsen, Oklahoma State University
  Francisca G. C. Richter, Oklahoma State University
  Kevin Currier, Oklahoma State University

Undergraduate Curricula in Agribusiness and Agricultural Economics – What’s the Difference?
  Harold M. Harris, Jr., Clemson University
  Stephen E. Miller, Clemson University
  Gary J. Wells, Clemson University

Factors Influencing Information Technology Adoption: A Cross-sectional Analysis
  Jeri Stroade, Kansas State University
  Bryan Schurle, Kansas State University

Exploring the Dynamics of Competitive Markets
  Bill Golden, Kansas State University
  Leah Tsoodle, Kansas State University
  Freida Golden, Kansas State University

The Free Trade Debate: One More Round

Tuesday 1 p.m. – 2:45 p.m.
Selected Papers 23
Alabama Ballroom I (AM)

Title: Land Rent and Successful Firms

Moderator: James Larson, University of Tennessee

Risks and Returns to Landlords and Tenants from Alternative Leasing Arrangements
  Robert O. Burton, Jr., Kansas State University
  Kevin C. Dhuyvetter, Kansas State University
  Terry L. Kastens, Kansas State University
  Jenna R. Tajchman, Kansas State University

What Should Farmers Pay for Cash Rents
  Gregory Ibendahl, University of Kentucky
  Ron Fleming, University of Kentucky

Principle Factors that Contribute to Financially Successful Rice Farms
  Linda F. Foreman, USDA-Economic Research Service
  Janet Livezey, USDA-Economic Research Service

Business Success: What Factors Really Matter?
  Greg H. Kaase, Texas A&M University
  Dean A. McCorkle, Texas A&M University
  Steven L. Klose, Texas A&M University
  Joe L. Outlaw, Texas A&M University
  David P. Anderson, Texas A&M University
  George M. Knapec, Texas A&M University

Tuesday 1 p.m. – 2:45 p.m.
Organized Symposia 7

Title: Perspectives from New SAEA Lifetime Achievement Award Winners

Organizer: Gail Cramer, Louisiana State University

Moderator: Gail Cramer, Louisiana State University

Participants:
New SAEA Lifetime Achievement Award Winners

Tuesday 1 p.m. – 2:45 p.m.
Organized Symposia 8
Meeting Room 106A (CC)

Title: The Impacts of Country-or-Origin Labeling on Southern Fruits, Vegetables and Peanuts

Organizers:
  Flynn J. Adcock, Texas A&M University
  C. Parr Rosson, III, Texas A&M University

Moderator: P. Lynn Kennedy, Louisiana State University
Participants:
Flynn J. Adcock, Texas A&M University
John Vansickle, University of Florida
Jaime Malaga, Texas Tech University
Stanley Fletcher, University of Georgia

Tuesday 3:15 p.m. – 5 p.m.
Selected Papers 24
Mobile Ballroom I (AM)

Title: Input-Output Studies Using IMPLAN
Moderator: David Anderson, Texas A&M University

Establishing the Economic Impact of the Green
(Ornamental Plants) Industry at the State Level
- Raul A. Pinel, Louisiana State University
- Roger A. Hinson, Louisiana State University
- Roberto E. Navajas, Louisiana State University

Economic Impacts on the Illinois Economy of Alternative
Dairy Production Systems
- Phillip R. Eberle, Southern Illinois University
- Kenneth G. Griswold, Southern Illinois University
- William C. Peterson, Southern Illinois University
- C. Matthew Rendleman, Southern Illinois University
- Manish Ruwali, Southern Illinois University

Economic Impact of the Oklahoma Food and Agricultural
Products Research and Technology Center
- Ann Zimmerschied, Oklahoma State University
- Mike Woods, Oklahoma State University
- Charles Willoughby, Oklahoma State University
- Rodney Holcomb, Oklahoma State University
- Dan Tilley, Oklahoma State University

Illinois' Grape and Wine Industry as a Contributor to Rural
Economic Growth
- C. Matthews Rendleman, Southern Illinois University
- William Peterson, Southern Illinois University
- Roger J. Beck, Southern Illinois University

Tuesday 3:15 p.m. – 5 p.m.
Selected Papers 25
Mobile Ballroom II (AM)

Title: Feasibility and Economies of Size Studies
Moderator: Allen Wysocki, University of Florida

Turfgrass Production: Economies of Size, Optimal Product
Mix, and Price Sensitivity
- Jennifer J. Cain, NatureScape
- John L. Adrian, Auburn University
- Patricia A. Duffy, Auburn University
- Elizabeth Guertal, Auburn University

Title: Water and Measuring Demand
Moderator: Krishna Paudel, Louisiana State University

The U.S./Mexico Water Dispute: Impacts of Increased
Irrigation in Chihuahua, Mexico
- C. Parr Rosson, III, Texas A&M University
- Aaron Hobbs, Texas A&M University
- Flynn Adcock, Texas A&M University

Irrigation Efficiency, Water Storage, and Long Run Water
Conservation
- Joel R. Hamilton, University of Idaho
- David B. Willis, Texas Tech University

Forecasting Agricultural Water Demand with Variances
and Covariances of Returns
- Swagata “Ban” Banerjee, University of Georgia
- Michael E. Wetzstein, University of Georgia

Tuesday 3:15 p.m. – 5 p.m.
Selected Papers 27
Blakeley Ballroom I (AM)

Title: Modeling the Supply Function
Moderator: Marion Simon, Kentucky State University

"Irrational" Planting behavior as Rational Expectation of
Government Support
- Dmitry V. Vedenov, University of Georgia

The U.S. Peanut Supply Elasticity
- Cesar L. Revoredo, University of Georgia
- Stanley M. Fletcher, University of Georgia
Mary A. Marchant, University of Kentucky
Baohui Song, University of Kentucky

Price Correlation as an Indicator of U.S. Policy Impacts on Foreign Markets: A Case Study of Corn for Argentina, the Republic of South Africa, and the Philippines
John Rutter, University of Tennessee
David B. Eastwood, University of Tennessee
Daniel G. De La Torre Ugarte, University of Tennessee
Daryll E. Ray, University of Tennessee

Farm Mechanization and Changes in Farm Labor Market Policy
Orachos Napasintuwong, University of Florida
Robert D. Emerson, University of Florida

Tuesday 3:15 p.m. – 5 p.m.
Selected Papers 28
Blakeley Ballroom II (AM)

Title: Land Value
Moderator: Kevin Dhuyvetter, Kansas State University

Alternative Measures of Location for Rural Land Market Analysis
Patricia Soto, Louisiana State University
Lonnie Vandevene, Louisiana State University
Huizhen Niu, Louisiana State University
Steve Henning, Louisiana State University

Estimating the Economic Value Associated with Citrus Tree Lost to Citrus Canker
Thomas H. Spreen, University of Florida
Ronald P. Muraro, University of Florida
Marisa L. Zansler, University of Florida

Determinants of Kansas Agricultural Land Values
Leah J. Tsoodle, Kansas State University
Bill Golden, Kansas State University

The Effect of Economic Growth and Environmental Amenities on Land-Use Change in the United States
Scott Templeton, Clemson University
Ritu Sharma, Clemson University

Tuesday 3:15 p.m. – 5 p.m.
Selected Papers 29
Alabama Ballroom II (AM)

Title: Extension and Producer Training
Moderator: James Bukenya, Alabama A&M University

The Provision of Risk Management Educational Training by Extension Educators
Oscar Vergara, Mississippi State University
Steven W. Martin, Mississippi State University
Keith Coble, Mississippi State University
Thomas O. Knight, Texas Tech University
George F. Patrick, Purdue University

Title: Freer Trade and Southern Agriculture: Adjustment Issues in Sugar Cane and Beets
Organizers:
C. Parr Rosson, III, Texas A&M University
Flynn J. Adcock, Texas A&M University
Moderator: Jaime Malaga, Texas Tech University

Participants:
P. Lynn Kennedy, Louisiana State University
John Robinson, Texas A&M University
Parr Rosson, III, Texas A&M University
David Orden, Virginia Tech University

Tuesday 5 p.m. – 6 p.m.
JAAE Editorial Council Meeting
Jubilee Suite (AM)

Tuesday 7 p.m. – 9 p.m.
SAEA Reception
Roussos Restaurant
166 S. Royal St.

Wednesday 8 a.m. – 10 a.m.
Registration

Upper Concourse (CC)

Wednesday 8:00 a.m. – 9:45 a.m.
Selected Papers 31
Mobile Ballroom I (AM)

Title: Manure Handling and Utilization

Moderator: Duncan Chembezi, Alabama A&M University

Manure Handling Costs and the Competitiveness of Pork Production
Dale J. Leuck, USDA – Economic Research Service
Kelly Zering, North Carolina State University

An Economic Analysis of Soil Carbon Sequestration for Corn Production with Manure Applications
Scott B. Boyles, Kansas State University
Jeffery R. Williams, Kansas State University
Charles W. Rice, Kansas State University
Richard G. Nelson, Kansas State University

Economic and Environmental Evaluation of Dairy Manure Utilization for Year Round Forage Production
Zana C. Somda, University of Georgia
John R. Allison, University of Georgia
G. Larry Newton, University of Georgia
Michael E. Wetzstein, University of Georgia
Lane O. Ely, University of Georgia

A Nonlinear Programming Approach to Model In-House and Field Net Benefits of Alum Treated Poultry Litter
Rita Carreira, Oklahoma State University
Johnathan Yoder, Washington State University
Art Stoecker, Oklahoma State University

Wednesday 8:00 a.m. – 9:45 a.m.
Selected Papers 32
Mobile Ballroom II (AM)

Title: Financial Analysis and Performance

Moderator: Greg Ibendahl, University of Kentucky

Risk Evaluation Periods and Strategic Farm Capital Adjustment Decisions
Cesar L. Escalante, University of Georgia
Peter J. Barry, University of Illinois

The Usefulness of Managerial Information in a Financial Ratio-Based Forecast of Farm Financial Success
Erik Dean, Kansas State University
Kevin Dhuyvetter, Kansas State University

Using Economic Value Added (EVA) to Examine Farm Businesses
Gregory Ibendahl, University of Kentucky
Ron Fleming, University of Kentucky

Impact of Farm Size and Type on Competitive Advantage
Jeffery D. Morgan, Kansas State University
Michael R. Langemeier, Kansas State University

Wednesday 8:00 a.m. – 9:45 a.m.
Selected Papers 33
Mobile Ballroom III (AM)

Title: Consumer Behaviors

Moderator: Steve Klose, Texas A&M University

The Value of Health in Food Safety Surveillance
Vincent Amanor-Boadu, Kansas State University
Michael Boland, Kansas State University

Public and Private Food Assistance Choices of Food Needy Families
Gandhi Raj Bhattacharai, Auburn University
Patricia A. Duffy, Auburn University

Food Security and its Effect on Consumers' Food Bill
Forrest E. Stegelin, University of Georgia

Consumer Taste Panel Evaluations of the Acceptability and Willingness to Pay for Alternative Blends of Ground Meats
Alvin Schupp, Louisiana State University
Igor Makienko, Louisiana State University
Witoon Prinyawiwatkul, Louisiana State University
Carol O'Neil, Louisiana State University

Wednesday 8:00 a.m. – 9:45 a.m.
Selected Papers 34
Blakeley Ballroom I (AM)

Title: Community and Business Development

Moderator: Chris Clark, University of Tennessee

A Cross-County Empirical Analysis of Quality of Life and Rural Development in West Virginia
James O. Bukenya, Alabama A&M University
Tesfa G. Gebremedhin, West Virginia University
Peter V. Schaeffer, West Virginia University
The Role of Technology Centers in Rural Development: A Case Study of the Wallace Community
Jaleel Kenyatta Nash, Alabama A&M University
James O. Bukenya, Alabama A&M University
Joseph Befecadu, Alabama A&M University

Analysis of Site-Specific Determinants of Location Decisions for the U.S. Poultry Industry
Pramod R. Sambidi, Louisiana State University
R. Wes Harrison, Louisiana State University

Factors Affecting Managerial Decision to Hire Welfare Recipients
Enefiok Ekanem, Tennessee State University
Fisseha Tegegne, Tennessee State University
Safdar Muhammad, Tennessee State University
Surendra Singh, Tennessee State University

Determinants of Household Participation in rural Development Projects
Daniel Ngugi, University of Georgia
Denford Mukundu, Africa University
James Epperson, University of Georgia
Yvonne Acheampong, University of Georgia

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Wednesday 8:00 a.m. – 9:45 a.m.
Selected Papers 35
Blakeley Ballroom II (AM)

Title: Machinery Economics
Moderator: Curtis Lacy, University of Georgia

Per Unit Costs to Own and Operate Farm Machinery
Aaron Beaton, Kansas State University
Kevin Dhuyvetter, Kansas State University
Terry Kastens, Kansas State University

Economies of Size of a Coordinated Biorefinery Feedstock Harvest System
Sara Thorsell, Oklahoma State University
Francis M. Epplin, Oklahoma State University

Economic Feasibility of Precision Irrigation in Northern Texas High Plains
Lal K. Almas, West Texas A&M University
Steve H. Amosson, Texas A&M University
Thomas Marek, Texas A&M University
W. Arden Colette, West Texas A&M University

Analysis of Breakeven Yield Gains and Input Cost Savings for a Cotton Yield Monitoring Information System
James Larson, University of Tennessee
Roland K. Roberts, University of Tennessee
Burton C. English, University of Tennessee
Rebecca L. Cochran, University of Tennessee

Wednesday 8:00 a.m. – 9:45 a.m.
Selected Papers 36
Alabama Ballroom II (AM)

Title: Estimating Production Functions
Moderator: Cesar Revoredo, University of Georgia

Efficiency Analysis of Cropping Systems Incorporating Risk
Saleem Shaik, Mississippi State University
Glenn A. Helmers, University of Nebraska

Yield Estimation Under Limited Irrigation
Bill Golden, Kansas State University
Leah J. Tsoodle, Kansas State University

Assessing the Louisiana Shrimp Fishing Fleet Technical Efficiency Using A Bayesian Stochastic Cost Frontier Model
Jorge L. Icabakelta, Louisiana Department of Wildlife and Fisheries
David R. Lavergne, Louisiana Department of Wildlife and Fisheries

Linear Response Stochastic Plateau Functions
Gelson Tembo, Michigan State University
Wade Brorsen, Oklahoma State University
Francis M. Epplin, Oklahoma State University

Wednesday 8:00 a.m. – 9:45 a.m.
Selected Papers 37
Alabama Ballroom III (AM)

Title: Demand for Services and Factors Impacting Survival
Moderator: Ernest Bazlen, University of Tennessee

Can Local Feed Mills Survive Declining Margins and Integrator Mega Mills
Marty J. McVey, Agri-Industries
C. Phillip Baumel, Iowa State University

Refrigerated Trucking in the Information Age
Richard Beilock, University of Florida
James Del Ciello, USDA

The Economic Factors Influencing Producers' Demand for Farm Managers
Oscar Vergara, Mississippi State University
Keith Coble, Mississippi State University
Thomas O. Knight, Texas Tech University
George F. Patrick, Purdue University
Alan E. Baquet, University of Nebraska

Impact of Strategic Changes on the Performance of Trucking Firms in the Agricultural Commodity Transportation Market
Albert J. Allen, Mississippi State University
Gerald Mumma, Center for Disease Control and Prevention
Safdar Muhammad, Tennessee State University
A.A. Farhad Chowdhury, Mississippi Valley State University