



NEWSLETTER

December, 2002

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PRESIDENT'S CORNER

Preparations for the Mobile meetings are practically complete. Many thanks to the Executive Committee and many other SAEA members for their contributions. Special thanks to Ken Paxton for his many hours of work in coordinating and scheduling the many sessions and activities. Please see the complete program elsewhere in this Newsletter.

I encourage you to preregister for the meetings by January 14, 2003. The registration/dues form appears in this Newsletter and is also available on our website. (Please note that the SAAS registration fee of \$40 is included in the registration fees on this form.) Send the completed form to Secretary/Treasurer Ken Paxton and Lonnie Vandever.

SAEA headquarters will be located in the Adams Mark Mobile and all SAEA sessions will be in the Adams Mark and the connected Mobile Convention Center. The SAAS group rate is \$95 for single or double.

Adam's Mark Hotel

64 South Water Street
Mobile, AL 36602

251-438-4000 fax: 251-415-3060

\$95.00/night (single or double room)

Adam's Mark Reservations should be made by phone. Use number above or call 1-800-444-2326. (Group Code: SOU0131 or ask for Southern Association of Agricultural Scientists.)

Other available hotels are the :

Radisson Admiral Semmes Hotel

251 Government Street
Mobile, AL 36602

251-432-8000 fax: 251-405-5942

\$90.00/night single room or \$95.00/night double room

Click here for Online Reservations - Radisson Hotel.

Or, you can call the hotel directly. Use number above or call 1-800-333-3333. (Group Code: "SAAS.")

Holiday Inn Express

255 Church St.
Mobile, AL 36602

1-251-4336923

Reservations: 800-458-5933

\$54/night

Meeting Highlights

On Monday morning, we will kick things off with President-Elect Les Myers' Presidential Address which will be followed by invited paper sessions on Monday and Tuesday mornings. These include, "Teaching, Learning, and Problem Solving Through Economic Experiments" (organized by Darren Hudson and Jayson Lusk of Mississippi State University), "Tomato Wars: A Look at the Trade, Structural Changes, and Competitiveness in the North American Produce Industry" (organized by Tim Woods of University of Kentucky), "Rural Infrastructure in the South: Trends and Challenges" (organized by Brad Mills of Virginia Tech and Deborah Tootle of Louisiana State University), and "Water Quality and Quantity Issues in Southern Agricultural Systems: TMDLs, BMPs, and Policy Prescriptions" (organized by Diane Hite of Auburn University, Terry Hanson of Mississippi State University, and Krishna Paudel of Louisiana State University).

As to the heart of the meetings, participants will have 37 selected paper sessions and six organized symposia to choose from. Many thanks to Ken Stokes of Texas A&M for coordinating the selection of papers this year and to Les Meyers of Virginia Tech for coordinating the selection of symposia. Fifteen selected posters will be displayed in our exhibition, as well as those from our award recipients. Thanks to Dan Rainey of Arkansas for coordinating the poster selection process.

Our Business Meeting and Awards Program will take place on Monday evening at 5:15 p.m. Please plan to participate in this opportunity to recognize our peers for their outstanding contributions. Again this year, we will feature our new Lifetime Achievement Award winners in a symposium, to be held on Tuesday afternoon at 1p.m. Thanks to Bill Park of the University of Tennessee for his leadership on all the various awards committees.

Tuesday evening, we will walk over to Roussos Seafood Restaurant at 166 S. Royal St. where our traditional reception will take place. Roussos is a famous Mobile tradition and we will be enjoying an "all you can eat" seafood buffet and drinks. Once again, we will be entertained by one of our members, Diane Hite of Auburn University and her bluegrass band. Thanks to Ken Paxton of LSU for his efforts in working out the many details required in these arrangements.

Travel grants are again available to fund student participation in the meetings. The Ag Econ Quiz Bowl will kick off on Sunday morning under the guidance of the senior advisor for undergraduate student activities, Joey Mehlhorn of Middle Tennessee State University. The Student Recruitment Fair will be held on Monday afternoon from 4 to 5 p.m. Departments are encouraged to set up their displays and take advantage of this opportunity to visit with prospective graduate students. The Fair also gives undergraduate and graduate students from different institutions a chance to visit.

Well, I suppose that about does it for now. Have a wonderful Holiday Season! I look forward to seeing you in Mobile.

Steve Turner
President

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

SAEA OFFICERS:

<i>President</i>	<i>STEVE TURNER</i>
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<i>Past-President</i>	<i>BILL PARK</i>
<i>Editor</i>	<i>JOHN PENSON, JR.</i>

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

Group 1 – Agribusiness, Marketing, and Agricultural Prices

Wheat Grading in Turkey

B. Wade Brorsen, Oklahoma State University
Dasheng Ji, Oklahoma State University

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

Economic Feasibility of Using GIS and Remote Sensing Technologies to Make Management Decisions

Kenneth W. Paxton, Louisiana State University
Huizhen 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

Group 3 – International, Resource, and Environmental Economics

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

Abdulkali 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

Monday 8:00 – 5 p.m.

Registration

Upper Concourse (CC)

Monday 8 a.m. – 5 p.m.

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.

Presidential Address

Les Myers

West (CC)

Monday 10:15 a.m. – 12 noon

Invited Papers 1

West (CC)

Title: Rural Infrastructure in the South: Trends and Challenges

Organizers: Bradford Mills, Virginia Tech University
Deborah Tootle, Louisiana State University

Presenters:

Fiscal Policy in the Rural South

Mark Henry, David Barkley and Haizhen Li, Clemson 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 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 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 Associate d 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

Monday 1 p.m. – 2:45 p.m.

Selected Papers 2

Mobile Ballroom II (AM)

Title: **Recreation Demand**

Moderator: Mike Thomas, Florida A&M

Application of Two-Stage Zero-Inflated Count Data Model to Demand for Black Bass Fishing in the Southeastern United States

Abdulkali 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.

Abdulkali 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

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

Walaipong 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

Least-Cost Watershed Management Solutions: Using GIS Data in the Economic Modeling of Phosphorus Loading in a Watershed

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

The Impact of BSE on Japanese Retail Beef Market

Yun-Ju (Kelly) Chen, Kansas State University
Hikaru Hanawa Peterson, Kansas State University

Monday 1 p.m. – 2:45 p.m.
Organized Symposia 1

Meeting Room 106A (CC)

Title: **Media Content Studies of New Food-Related Technologies: Implications for Economic and Communications Research**

Organizer: Eric Wailes, University of Arkansas

Moderator: Eric Wailes, University of Arkansas

Participants:

Jeff Miller, University of Arkansas
Mamane Annou, University of Arkansas
Cindy Akers, Texas Tech University

Jacqui Lockaby, Texas Tech University
Toby Ten Eyck, Michigan State University

Discussant:

Daniel Amundson, Center for Media and Public Affairs, Washington, DC

Monday 1 p.m. – 2:45 p.m.

Organized Symposia 2

Meeting Room 106B (CC)

Title: **Risk Management Education: Challenges for Extension and Applied Research**

Organizers:

Oscar Vergara, Mississippi State University
Keith Coble, Mississippi State University

Participants:

Steve Martin, Mississippi State University
Barry Barnett, University of Georgia
Ken Stokes, Texas A&M University

Discussant:

John Anderson, Mississippi State University

Monday 3:15 p.m. – 5 p.m.

Selected Papers 6

Mobile Ballroom I (AM)

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

Jayne 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 Lytle 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
Randy 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

Monday 3:15 p.m. – 5 p.m.
Organized Symposium 3
Meeting Room 106 A (CC)

Title: **Bio-based Products: Importance in the U.S. and Global Economy and Need for Collecting and Disseminating Bio-based Product Information**

Organizer: Surenda P. Singh, Tennessee State University

Moderator: Enefiok Ekanem, Tennessee State University

Participants:

Chuck McMullen, South Dakota State University
Kim Kristoff, Biobased Manufacturers Association
Robert Harris, Public Power Institute, TVA
Peter Nelson, AgroTech Communications, Inc.

Monday 3:15 p.m. – 5 p.m.
Organized Symposium 4
Meeting Room 106 B (CC)

Title: **Undergraduate Curricula in Agricultural Economics: Why Do We Do What We Do?**

Organizers:

Randall Little, Mississippi State University
Darren Hudson, Mississippi State University

Moderator: Randall Little, Mississippi State University

Participants:

Gail Cramer, Louisiana State University
Lynn Reinschmiedt, Mississippi State University
Joe Broder, University of Georgia
Marc Johnson, Kansas State University

Monday 4 p.m. – 5 p.m.
Student Recruitment Fair

Prefunction Area (CC)

Monday 5:15 – 7 p.m.
SAEA Business Meeting and Awards Program

West (CC)

Tuesday 8 a.m. – 5 p.m.
Registration

Upper Concourse (CC)

Tuesday 8 a.m. – 9:45 a.m.

Selected Papers 11

Mobile Ballroom I (AM)

Title: **Measuring Success**

Moderator: Phil Kenkel, Oklahoma 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

Tuesday 8 a.m. – 9:45 a.m.

Selected Papers 12

Mobile Ballroom II (AM)

Title: **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: Cezar 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

Understanding Consumers' Perceptions Toward Meat Labeling

Arbindra Rimal, Southwest Missouri State University
Stanley M. Fletcher, University of Georgia

Analysis of Food Labels for Agricultural Biotechnology

Everald A. McInnon, Louisiana State University
R. Wes Harrison, Louisiana State University

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

Socioeconomic Impact Study of Bypass, 1970-2000

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

Aditi Angirasa, Southwest Texas State University
Claudia Ocana, Southwest Texas State University

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. Knapek, 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

An Analysis of Ethanol production in Texas Using Three Ethanol Facility Sizes and their Relative Optimal Subsidy Levels

R. Chope Gill, II, Texas A&M University
James Richardson, Texas A&M University
Joe Outlaw, Texas A&M University
David P. Anderson, Texas A&M University

An Economic Analysis of Landfill Costs to Demonstrate the Economies of Size and to Determine the Feasibility of a Community Owned Landfill in Rural Oklahoma

Fred C. Eilrich, Oklahoma State University
Gerald A. Doeksen, Oklahoma State University
Herb Van Fleet, H.E. Van Fleet & Associates

The Feasibility of Ethanol Production in Texas

Brian K. Herbst, Texas A&M University
Joe L. Outlaw, Texas A&M University
David P. Anderson, Texas A&M University
Steven L. Klose, Texas A&M University
James W. Richardson, Texas A&M University

Tuesday 3:15 p.m. – 5 p.m.
Selected Papers 26

Mobile Ballroom III (AM)

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

Endogenizing Government Behavior: Empirical Study of the U.S. Dairy Price Support Program

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 Vandever, 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
Alan E. Baquet, University of Nebraska

Effective Extension Programming for Rural Development

Mike D. Woods, Oklahoma State University
Gerald Doeksen, Oklahoma State University

Small Farmer Participation in the Making of Agricultural Policy Decisions in Trinidad and Tobago

Patricia LaBorde-Grant, Texas A&M University
David P. Anderson, Texas A&M University

An Interactive Illustration of Farm Program Provisions

Steven L. Klose, Texas A&M University
Keith Schumann, Texas A&M University
George M. Knapek, Texas A&M University
James W. Richardson, Texas A&M University
Joe. L. Outlaw, Texas A&M University
David P. Anderson, Texas A&M University

Tuesday 3:15 p.m. – 5 p.m.

Selected Papers 30

Alabama Ballroom III (AM)

Title: **Behavior of Ag Business Firms**

Moderator: Forrest Stegelin, University of Georgia

Analyzing Linkages Between Nursery Farm Growth Rates, Structural Variables, and Firm Characteristics

Roberto Navajas, Louisiana State University
Roger A. Hinson, Louisiana State University
Raul A. Pinel, Louisiana State University

An Analysis of the Relationship Between Supply-Chain Management Practices and new Product Development

Time: A Case of the North American Confectionery Manufacturers

Aslihan D. Spaulding, University of Kentucky
Timothy A. Woods, University of Kentucky

Investment Decisions in New Generation Cooperatives: A Case Study of Value-Added Products (VAP) Cooperative in Alva, Oklahoma

Hubertus Puaha, Oklahoma State University
Daniel S. Tilley, Oklahoma State University

Shrimp Purchasing Behavior and Preferences of Seafood Dealers

Ferdinand F. Wirth, University of Florida
Kathy J. Davis, University of Florida

Tuesday 3:15 p.m. – 5 p.m.

Organized Symposia 9

Meeting Room 106A (CC)

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 8:00a.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 8:00a.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 8:00a.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 Bhattarai, 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 8:00a.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

Wednesday 8:00a.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 8:00a.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. Icabalceta, 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 8:00a.m. – 9:45 a.m.

Selected Papers 37

Alabama Ballroom III (AM)

Title: **Demand for Services and Factors Impacting Survival**

Moderator: Ernest Bazen, 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

PLEASE MAKE YOUR PLANS TO ATTEND

**SAEA ANNUAL MEETING
MOBILE, ALABAMA
February 1-5, 2003**

**Early Reservation Deadline
January 14, 2003**

**SAEA Newsletter
Going Electronic**

Effective with this issue the SAEA Newsletter will be distributed electronically via email. The December issue will be mailed and distributed electronically. Subsequent issues will be distributed only in the electronic format. The newsletter will continue to be posted at our website: www.saea.org. If you are unable to receive the newsletter electronically, please let us know and arrangements will be made to mail a copy to you.

Southern Agricultural Economics Association
Department of Agricultural Economics and Agribusiness
Louisiana State University
Baton Rouge, LA 70803