

Southern Agricultural Economics Association
36th Annual Meetings Program
February 14 – 18, 2004

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All Meeting Rooms are Located in the Double Tree Hotel

Saturday 8 p.m. – 10 p.m.
Quiz Bowl Orientation
Woodward

Sunday 8 a.m. – 5 p.m.
Quiz Bowl
Woodward

Sunday 9a.m. – 2 p.m.
SAEA Executive Board Meeting
Second Floor Conference Room

Sunday Noon – 5 p.m.
Registration
International Foyer

Sunday 4 – 6 p.m.
SAAS General Session
Windsor

Sunday 6:30 – 8 p.m.
SAAS Reception
International Ballroom/Foyer

Sunday 2:00 p.m. – Tuesday 5 p.m.
Selected Posters
The Balcony
Poster Presentations will be
Tuesday 10:15 – 12:00 noon

Consumer Assessment of the Importance of the Labeling of Irradiated Beef

Senhui He, University of Georgia
Stanley Fletcher, University of Georgia
Arbindra Rimal, University of Georgia

Nutrient consideration, perception of nutritional contents, and Consumption: the Case of In-shell Peanuts Consumption.

Stanley Fletcher, University of Georgia
Senhui He, University of Georgia
Arbindra Rimal, University of Georgia

Giving Your Online Agribusiness Course A Voice

Joey E. Mehlhorn, University of Tennessee at Martin

Tim Burcham, University of Tennessee at Martin

Using Precision Agriculture Technologies to Define Management Zones Within a Multi Crop Production System

Kenneth W. Paxton, Louisiana State University
Huizhen Niu, Louisiana State University
Roger Leonard, Louisiana State University
Ralph Bagwell, Louisiana State University

Willingness To Pay To Preserve Water Quality In The Lower Illinois River

Jennie Popp, University of Arkansas
Felix Rondon, University of Arkansas

A Decision Tool for Improved Beef Cattle Production, Management, and Marketing System Analysis

Tammy L. McKinley, University of Tennessee
Emmit L. Rawls, University of Tennessee
John C. McKissick, University of Georgia

FactSim: A Futures and Options Market Simulator for Teaching and Extension

John J. VanSickle, University of Florida
Amir Drusbosky, University of Florida
Brian Gray, University of Florida

Developing and Delivering Streaming Audio/Video Lectures for an Online Graduate Degree Program in Agriculture

Timothy N. Burcham, University of Tennessee at Martin
Joey E. Mehlhorn, University of Tennessee at Martin
Thomas Greer, University of Tennessee at Martin
Barbara Darroch, University of Tennessee at Martin

Standardized Recordkeeping—The Case of Cotton

Jeanne Reeves, Cotton Incorporated
Albert J. Allen, Mississippi State University

Comparison of Profitability for Ultra Narrow Row Cotton (UNRC) Versus Wide Row Cotton,

Blake Brown, North Carolina State University
Jeanne Reeves, Cotton Incorporated

Consumer Acceptability of Irradiated Produce, Shell fish and Meat Products

Kent Wolfe, University of Georgia
Chung L. Huang, University of Georgia
John McKissick, University of Georgia

Budgeting Monthly Cattle Feeding Performance: A Spreadsheet Approach

Michel Popp, University of Arkansas
Stephanie Brister, University of Arkansas

A Case Study Assessment of the Firms Assisted by the Oklahoma Food and Agricultural Products Research and Technology Center

Ann Zimmerschied-Ulmer, Oklahoma State University
Mike Woods, Oklahoma State University
Chuck Willoughby, Oklahoma State University
Rodney Holcomb, Oklahoma State University
Daniel Tilley, Oklahoma State University

Monday 8:00 – 5 p.m.
Registration
International Foyer

Monday 8 a.m. – 5 p.m.
Quiz Bowl
Woodward

Monday 8 a.m. – 5 p.m.
Departmental Recruitment Displays
The Balcony

Monday 8:30 a.m. – 8:45 a.m.
36th Annual SAEA Meetings
Opening Remarks and Welcome
Les Myers, SAEA President
Manchester

Monday 8:45 a.m. – 9:45 a.m.
Presidential Address
Richard Kilmer
Manchester

Monday 10:15 a.m. – 12 noon
Invited Papers 1
Manchester

Title: New Regulations Require New Solutions: Federal Provisions Governing Concentrated Animal Feeding Operations

Organizers: Terence Centner, University of Georgia
Jim Pease, Virginia Tech University
Ben Gramig, University of Kentucky

Sponsored by SERA-IEG 30, the Southern Natural Resource Economics Committee

Moderator: Michael Thomas, Florida Agricultural and Mechanical University

Presenters:

Alternative Performance Standards for Concentrated Animal Feeding Operations: A Brief Overview
Jim Pease and Darrell Bosch, Virginia Tech University

Regulatory Responses to Potential Pollutants from Animal Feeding Operations
Jeffrey D. Mullen and Terence J. Centner, University of Georgia.

Utilizing Contingent Claims to Improve CAFO Management
Ben M. Gramig, Jerry R. Skees, and J. Roy Black, University of Kentucky

Discussants: Ron Fleming, University of Kentucky

Monday 10:15 a.m. – 12 noon
Invited Papers 2
Gilcrease

Title: Buyback Programs for Overcapitalized Fisheries: Approaches, Experience, and Impacts for Southeast Fisheries

Organizer: Sherry Larkin, University of Florida

Moderator: Chuck Adams, University of Florida and Florida Sea Grant College Program

Presenters:

Alternative Valuation Methods and Buyback Programs: Pros and Cons of Programs Proposed for Southeast Fisheries
Sherry Larkin, University of Florida;
Walt Keithly, Louisiana State University

Simulation Models to Analyze Buyback Programs: Lessons from the Texas Bay Shrimp Fishery
Wade Griffin, Texas A&M University

John Ward, National Marine Fisheries Service

Capacity Reduction and Buyback Programs: Estimating Vessel Capacity for Fleet-Reductions

Jim Kirkley, College of William & Mary's Virginia Institute of Marine Science

John Waldon, National Marine Fisheries Service

Discussant:

Eric Thunberg, National Marine Fisheries Service (NMFS)

Monday 12 noon – 1 p.m.
SERA-IEG 16 Business Meeting
Keystone

Monday 1 p.m. – 2:45 p.m.
Selected Papers 1
Manchester

Title: **Financial, Marketing and Pricing Issues in the Beef-Cattle Industry**

Moderator: Gregg Ibendahl, University of Kentucky

Is the Thinly-traded Butter Futures Contract Priced Efficiently

Fabian Tondel, University of Kentucky

Leigh J. Maynard, University of Kentucky

Ultrasound Technology for Cost Reduction in Beef Cattle

Arbindra Rimal, Southwest Missouri State University

Tommy Perkins, Southwest Missouri State University

Management of the Cow-Calf Enterprise and the Price Grid: Impact on Financial Risk

T. E. Anton, University of Florida

Peter Barry, University of Illinois at Urbana-Champaign

Monday 1 p.m. – 2:45 p.m.
Selected Papers 2
Dover

Title: **Pricing, Capitalization, and Income Risk Reduction Among Alternative Farmland Control Arrangements**

Moderator: Archie Flanders, University of Georgia

Comparing Land Values and Capitalization of Cash Rents for Cropland and Pasture in Georgia

Archie Flanders, University of Georgia

Fred White, University of Georgia

Cesar Escalante, University of Georgia

Marginal Effects of Land Characteristics and Purchase Factors on Rural Land Value

Rebecca S. McLaren, Louisiana State University

Steven A. Henning, Louisiana State University

Lonnie R. Vandever, Louisiana State University

An Evaluation of Alternative Cash, Share, and Flexible Leasing Arrangements for South Carolina Grain Farms

Todd Davis, Clemson University

Monday 1 p.m. – 2:45 p.m.
Selected Papers 3
Philbrook

Title: **Impact of Business/Ownership Structure and Farm Policy Changes on the Feasibility and Viability of Farm and Farm Related Enterprises**

Moderator: Forrest Stegelin, University of Georgia

Feasibility of an Oklahoma Fresh Greens and Cowpeas Packing Cooperative

Germain N. Pichop, Oklahoma State University

Rodney Holcomb, Oklahoma State University
Brian A. Kahn, Oklahoma State University
Daniel S. Tilley, Oklahoma State University

The Impact of the 2002 Farm Security and Rural Investment Act on the Economic Viability of Peanut Buying Points in Georgia

Stanley Fletcher, University of Georgia
Lewis Webb, University of Georgia
Audrey Luke-Morgan, University of Georgia
Nathan Smith, University of Georgia

Factors Affecting the Profitability of Golf Courses in Georgia

Pierre Boumtje, Southern Arkansas University
Wojciech Florkowski, University of Georgia
Gil Landry, University of Georgia
Cesar Escalante, University of Georgia

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

Title: Agriculture and the Expanding Biobased Economy of the 21st Century: Training of Traditional and Non-Traditional Students

Organizer: Surendra P. Singh, Tennessee State University

Moderator: Enefiok Ekanem, Tennessee State University

Participants:

Daniel F. Manternach, New Uses Council
James Doolittle, South Dakota State University
S. Muhammad, Tennessee State University
F. Tegegne, Tennessee State University
Robert Harris, Tennessee Valley Authority
Peter Nelson, AgroTech Communications, Inc.

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

Title: Emerging Water Supply Issues in the Southern Region

Organizer: John R. C. Robinson, Texas A&M Research and Extension Center at Weslaco

Moderator: Kelly J. Bryant, University of Arkansas-Monticello

Participants:

Andrew G. Keeler, University of Georgia
John R. C. Robinson, Texas A&M Research and Extension Center at Weslaco
M. Edward Rister, Texas A&M University

Discussant: Mark J. Cochran, University of Arkansas

Monday 3:15 p.m. – 5 p.m.
Selected Papers 4
Dover

Title: Farm Financial Structure Decisions and the Delivery of Farm/Rural Credit Services

Moderator: Cesar Escalante, University of Georgia

Governance and Performance of Microfinance Organizations: Evidence from Central and Eastern Europe and the Newly Independent States

Valentina Hartarska, Auburn University

Explanation of Regional Variations in Demand for Farm Credit in Missouri

Tara Ashlock, Southwest Missouri State University

Arbindra Rimal, Southwest Missouri State University

Farm Financial Structure Decisions Under Different Intertemporal Risk Behavioral Constructs

Cesar Escalante, University of Georgia

Carl Nelson, University of Illinois at Urbana-Champaign

Monday 3:15 p.m. – 5 p.m.

Selected Papers 5

Manchester

Title: Economic Analysis of Precision Farming Services/Practices, Food Labeling Requirements and Asset Investment Decisions Among Grain Farms

Moderator: John Westra, Louisiana State University

The Coase Theorem Or The Coasian Lens?

James Barnes, Oklahoma State University

Harvey S. James, University of Missouri-Columbia

Nicholas G. Kalaitzandonakes, University of Missouri-Columbia

An Economic Analysis Of Unit-Train Facility Investment

Philip Kenkel, Oklahoma State University

Shida Hennebery, Oklahoma State University

Haernani Agustini, Oklahoma State University

Is it Feasible to Develop an Agribusiness Selling Precision Farming Services to Farmers?

David Debertin, University of Kentucky

Thomas Logsdon, University of Kentucky

Will Variable Rate Application Technology Pay in Tennessee?

Rebecca Cochran, University of Tennessee

James Larson, University of Tennessee

Roland Roberts, University of Tennessee

Burton English, University of Tennessee

Monday 3:15 p.m. – 5 p.m.

Selected Papers 6

Coventry

Title: Environmental and Economic Implications of Management Practice Alternatives

Moderator: Jeff Johnson, Texas Tech University

Dynamic Comparison of Systems for Irrigation and Effluent Application

Rita Careira, Oklahoma State University

A.L. Stoecker, Oklahoma State University

J.A. Hattey, Oklahoma State University

M. Kizer, Oklahoma State University

An Analysis Cost Effective Management Practices to Manage Water Pollution Problem: A Case of Tobesofkee Creek, Georgia

Nirmala Devkota, University of Georgia

Jeff Mullen, University of Georgia

Jimmy Bramblett, University of Georgia

Murali Adhikari, University of Georgia

Laxmi Paudel, University of Georgia

Farming Systems Used in U.S. Cotton Production, 1997 and 2000: Implications for Resource Use and the Environment
Lee Christensen, USDA-ERS

Monday 3:15 p.m. – 5 p.m.
Selected Papers 7
Philbrook

Title: **Risk and Damage Issues in Environmental Management**

Moderator: Martin Redford, University of Arkansas

Environmental Risk Assessment under Uncertainty and Safety-First Constraints

Walaiporn Intarapapong, Mississippi State University

Diane Hite, Auburn University

Risk Analysis and Sustainability of Alternative Cotton Production Systems

Maqsood Hussain, University of Agriculture, Faisalabad, Pakistan

Evaluating the Economic Costs of a Potential Zebra Mussel Infestation: A Survey of Consumptive Surface Water Users in Florida

Frederick Rossi, University of Florida

Damian Adams, University of Florida

Donna Lee, University of Florida

Monday 3:15 p.m. – 5 p.m.
Organized Symposium 3
Remington

Title: **Student Participation in Undergraduate Discipline-Related Organizations: How Can We Get Students (and Faculty) Involved?**

Organizers:

Randall D. Little, Mississippi State University

M. Darren Hudson, Mississippi State University

Lisa House, University of Florida

Moderator: Randall D. Little, Mississippi State University

Participants:

Lisa House, University of Florida

David Willis, Texas Tech University

Dan McLemore, University of Tennessee

David Fraser, Cotton Board

Monday 3:15 p.m. – 5 p.m.
Organized Symposium 4
Gilcrease

Title: **Applied Research to Improve the Valuation of Water Quality Services for National Public Policy Analysis**

Organizer: Brett R. Gelso, US/EPA

Moderator: John R. Powers, US/EPA

Participants:

John R. Powers, US/EPA

Brett R. Gelso, US/EPA

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

The Balcony

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

Manchester

Tuesday 8 a.m. – 5 p.m.
Registration

International Foyer

Tuesday 8 a.m. – 9:45 a.m.
Selected Papers 8
Dover

Title: **Evaluation of Policy Effectiveness**

Moderator: David Willis, Texas Tech University

Evaluation of Water Conservation Policy Alternatives for the Southern High Plains of Texas

Jeffrey W. Johnson, Texas Tech University
Phillip N. Johnson, Texas Tech University
David B. Willis, Texas Tech University
Eduardo Segarra, Texas Tech University

Towards a Comprehensive Regional Water Policy Model for the Texas High Plains

Biswaranjan Das, Texas Tech University
David B. Willis, Texas Tech University
Jeffrey W. Johnson, Texas Tech University

A Policy Evaluation of Transport Subsidies for Poultry Litter in West Virginia

Allan Collins, West Virginia University
Tom Basden, West Virginia University

Tuesday 8 a.m. – 9:45 a.m.
Selected Papers 9
Coventry

Title: **Estimation and Measurement Issues**

Moderator: Gandhi Bhattarai, Auburn University

Willingness to Pay for Public Goods: A Two-stage Hedonic Housing Model of Demand for Neighborhood Safety, School and Environmental quality

Gandhi Bhattarai, Auburn University
Ram Pandit, Auburn University
Diane Hite, Auburn University

Hedonic Estimation of Southeastern Oklahoma Forestland Prices

Stephen A. King, San Diego State University
Dean F. Schreiner, Oklahoma State University

Alternative Methods of Forecasting Agricultural Water Demand: A Case Study on the Flint River Basin in Georgia

Swagata Banerjee, University of Georgia
Lewell Gunter, University of Georgia
Jimmy Bramblett, University of Georgia
Michael E. Wetzstein, University of Georgia

Tuesday 8 a.m. – 9:45 a.m.
Selected Papers 10
Philbrook

Title: **Local Economic Development**

Moderator: James Bukenya, Alabama A&M University

Economic Impact Evaluation of Global Marketing Support Services - An Exports Assistance Program on the Economy of Arkansas.

Sreedhar Upendram, Kansas State University
Preston La Ferney, University of Arkansas
Wayne Miller, University of Arkansas
Jennie Popp, University of Arkansas
Daniel Rainey, University of Arkansas

The Influence of Quality of Life Amenities on Rural Development in Alabama

Nzaku Kilungu, Alabama A&M University
James Bukenya, Alabama A&M University

Public Perceptions Regarding Growth of the Dairy Industry in Illinois

C. Matthew Rendleman, Southern Illinois University
William C. Peterson, Southern Illinois University
Livy M. Coe, Southern Illinois University
Phil Eberle, Southern Illinois University
Kenneth G. Griswold, Southern Illinois University

The Impact of the Ogallala Aquifer on the Development of the Texas Panhandle and the Evaluation of Strategies for Addressing the Effect of Aquifer Decline on the Agricultural Production and the Rural Community

Lal K. Almas, West Texas A&M University
W. Arden Colette, West Texas A&M University
Zhen Wu, West Texas A&M University

Tuesday 8 a.m. – 9:45 a.m.

Selected Papers 11

Remington

Title: Community and Rural Development

Moderator: Duncan Chembezi, Alabama A&M University

An Assessment of the Impact of the Rural Empowerment Zone and Enterprise Community Program on Texas' Rio Grande Valley

Joselito K Estrada, University of Texas at Brownsville
Albert J. Allen, Mississippi State University

Perspective of Participation and Benefit Sharing: A Perceptual Study of Community Forestry User Groups in Dhading District of Nepal

Ram Pandit, Auburn University
Gandhi Bhattarai, Auburn University

Selling Their Best For Little: The Riddle of Ecuador's Failed Attempt to Assist Communal Farmers

Maria Jose Castillo, University of Florida
Richard Beilock, University of Florida

Motivations for Social Capital

Jeffrey L. Jordan, University of Georgia

Tuesday 8 a.m. – 9:45 a.m.

Selected Papers 12

Gilcrease

Title: Model and Functional Form Specification

Moderator: Octavio Ramirez, New Mexico State University

Two Methods of Estimating Semiparametric Component in the Environmental Kuznet's Curve (EKC)

Krishna Paudel, Louisiana State University
Hector Zapata, Louisiana State University

Examining Efficiency of Government Grading in a Hedonic Price Model for Louisiana Rough Rice

Sung No, Southern University and A&M College
Michael E. Salassi, Louisiana State University
Wayne Gauthier, Louisiana State University

Analysis of Selected Vegetables and Fruits in U.S. Market: An Application of Demand Systems

Sikavas NiLampang, University of Florida
John J. Van Sickle, University of Florida
Edward A. Evans, University of Florida

Tuesday 8 a.m. – 9:45 a.m..

Selected Papers 13

Manchester

Title: **Forecasting and Risk Measurement Techniques**

Moderator: Bailey Norwood, Oklahoma State University

Using the Random Parameters Logit Model to Combine Revealed and Stated Preference Data

Brett Gelso, USEPA
Jeffrey M. Peterson, Kansas State University

Forecasting Limited Dependent Variables: Better Statistics For Better Steaks

Bailey Norwood, Oklahoma State University
Jason Lusk, Purdue University
Wade Brorsen, Oklahoma State University

Comparing Revenue Risk Reduction of a Rainfall Index Insurance Contract Using Quantile-VaR and Dispersion Risk Measure

Ibrahima Bamba, University of Kentucky

Tuesday 8 a.m. – 9:45 a.m..

Selected Papers 14

Westminister

Title: **Teaching and Extension**

Moderator: John Robinson, Texas Tech University

Human Resources and Undergraduate Agricultural Economics Curricula

Michael Oldfather, Kansas State University
Bryan Schurle, Kansas State University

How Extension Programming Can Provide Useful Input for Land Tenure and Production Decisions: Projected Cost Structures and Decision Support Aids for Texas Coastal Bend Rice Landlords and Producers

Lawrence Falconer, Texas Cooperative Extension Texas A&M University
Richard Jahn, Texas Cooperative Extension Texas A&M University
David Anderson, Texas Cooperative Extension Texas A&M University

Determinants of Agricultural Extension Resources in the Southeast

Jet Yee, USDA-ERS

Tuesday 8 a.m. – 9:45 a.m..

Selected Papers 15

Geneva

Title: **Analysis on Livestock Trade**

Moderator: Dragan Miljkovic, Southwest Missouri State University

Trade Liberalization and Changing Composition and Quality of Imports in Japanese Beef Import Markets

Dragan Miljkovic, Southwest Missouri State University

Measuring the Degree of Market Power Among Beef Exporters to Japan

Michael Reed, University of Kentucky
Sayed Saghaian, University of Kentucky

U.S. Demand for Imported Lamb by Country: A Two-Stage Differential Production Approach

Andrew Muhammad, Southern University
Keithly G. Jones, USDA-ERS

Derived Feed Demand for Egypt's Poultry and Egg Sector to 2010- Policies and Implications

Fawzi Taha, USDA-ERS

Tuesday 8 a.m. – 9:45 a.m.

Organized Symposium 5

Woodward

Title: **Focus on ARMS (Agricultural Resource Management Survey)**

Organizers:

Tim Payne, USDA/ERS
Jorge Fernandez-Cornejo, USDA/ERS

Moderators:

Tim Payne, USDA-ERS
Jorge Fernandez-Cornejo, USDA-ERS

Participants:

Tim Payne, USDA-ERS
Jorge Fernandez-Cornejo, USDA-ERS

Tuesday 8 a.m. – 9:45 a.m.

Organized Symposium 6

Russell

Title: **Mandatory Country-of-origin Labeling: Impacts and Issues for Extension and Applied Research**

Organizers:

John Robinson, Texas A&M University
Parr Rosson, Texas A&M University

Moderator: Lynn Kennedy, Louisiana State University

Participants:

Derrell Peel, Oklahoma State University
Parr Rosson, Texas A&M University
Flynn Adcock, Texas A&M University
John Robinson, Texas A&M University
T.C. Betancourt, Texas A&M University
Stanley Fletcher, University of Georgia

Discussant: Darren Hudson, Mississippi State University

Tuesday 10:15 a.m. – 12 noon

Invited Papers 3

Geneva

Title: **Partial Equilibrium Policy Analysis Models: Methodological Issues, Constraints, and Opportunities**

Organizers:

Octavio Ramirez, New Mexico State University
Samarendu Mohanty, Texas Tech University

Moderator: Don Ethridge, Texas Tech University

Presenters:

Methodological Issues on the Estimation of Supply Response

Octavio Ramirez, Texas Tech University

Samarendu Mohanty, Texas Tech University

Conceptual Issues for Developing Policy Relevant Commodity Models

James Rude, University of Manitoba

Karl D. Meilke, University of Guelph

Challenges in Modeling the Effects of Trade Agreements on the Agricultural Sector

Patrick Westhoff, University of Missouri-Columbia

Jay Fabiosa, Iowa State University

Discussant: Craig Jagger, House Agriculture Committee

Tuesday 10:15 a.m. – 12 noon

Invited Papers 4

Woodland

Title: **Private Decisions and Public Goods: Tradeoffs in the Conservation Programs of the New Farm Bill**

Organizer: Gregory Ibendahl, University of Kentucky

Moderator: Todd Davis, Clemson University

Presenters:

An Econometric Analysis of the Environmental Benefits Provided by the Conservation Program

Ron Fleming, University of Kentucky

Economic Comparison of Commodity and Conservation Program Benefits: an Example from the Mississippi Delta

John Anderson, Mississippi State University

A Risk-Adjusted Comparison of Conservation Reserve Program Payments versus Production Payments for a Corn-Soybean Farmer

Gregory Ibendahl, University of Kentucky

Discussant: Todd Davis, Clemson University

Tuesday 1 p.m. – 2:45 p.m.

Selected Papers 16

Dover

Title: **Future Trends in Cotton and Textile Trade**

Moderator: Patrick Westhoff, University of Missouri

Cost Competition for U.S. Textiles: Will Yarn Follow the Needle?

Conrad Lyford, Texas Tech University

Mark Welsch, Texas Tech University.

An Analysis of Export Demand Elasticity: The Case of U.S. Cotton

Laxmi Paudel, University of Georgia

Jack E. Houston, University of Georgia

Murali Adhikari, University of Georgia

Cotton Supply Response in Brazil: Traditional vs Expansion Region

Ligia Vado, Texas Tech University

David Willis, Texas Tech University

Samarendu Mohanty, Texas A&M University

The MFA Quota Elimination and the Mexican Cotton Industry: Measuring Potential Impacts on U.S. Cotton Exports

Enrique Lopez, Texas Tech University
Jaime Malaga, Texas Tech University

Tuesday 1:00 p.m. – 2:45 p.m.

Selected Papers 17

Coventry

Title: **Export Demand Analysis of U.S. Agricultural Products**

Moderator: Lynn Kennedy, Louisiana State University

The Analysis of International Price and Exchange Rate Elasticity for U.S. Soybean: The Case of Japan

Laxmi Paudel, University of Georgia
Henry W. Kinnucan, Auburn University
Murali Adhikari, University of Georgia

An Analysis of Latin American Peanut Industry: Potential Impact on U.S. Peanut Industry

Dae-Seob Lee, Louisiana State University
Lynn Kennedy, Louisiana State University
Stanley Fletcher, University of Georgia.

A Marketing Analysis of U.S. Chicken Exports to China

Lewell Gunter, University of Georgia
Li Zhang, University of Georgia

Tuesday 1:00 p.m. – 2:45 p.m.

Selected Papers 18

Philbrook

Title: **International Agricultural Productivity Analysis**

Moderator: Samerendu Mohanty, Texas Tech University

Examining Cross-Country Agricultural Productivity Differences

Ebenezer Ogunyinka, Kansas State University
Michael R. Langemeier, Kansas State University

Technical Efficiency under Multi-Cropping Systems: Evidence from ECOWAS

Ebenezer Ogunyinka, Kansas State University
Oluwarotimi O.Odeh, Kansas State University

Potential of China's Agricultural FDI Inflows: A Gravity Model Approach

Mary Marchant, University of Kentucky
Xuehua Peng, University of Kentucky

COOL, Eco-labels, and Consumers' Willingness to Pay in the Fresh Producer Industry

James A. Stems, University of Florida
John J. Van Sickle, University of Florida
Lisa House, University of Florida

Tuesday 1 p.m. – 2:45 p.m.

Selected Papers 19

Remington

Title: **Impacts of Regional and Multilateral Trade Agreements**

Moderator: Jaime Malaga, Texas Tech University

Potential Economic Effects of CAFTA on Agricultural Trade between Central America, Southern U.S. Region and Its Implications of Rural Development

Porfirio Fuentes, Mississippi State University
Albert Allen, Mississippi State University
Warren Couvillion, Mississippi State University

Regional Integration and Intra-African Trade

John Kagochi, Auburn University
Valentina Hartarska, Auburn University

Evaluating Trade Developments in Dairy Products

Keithly Jones, USDA-ERS
Donald Blayney, USDA-ERS

Dynamic Export Demand Analysis for Honduran Coffee Exports

Jose Andino, Louisiana State University
Lynn Kennedy, Louisiana State University

Tuesday 1 p.m. – 2:45 p.m.

Selected Papers 20

Gilcrease

Title: **Food Demand**

Moderator: Sen Hui, University of Georgia

Consumption of Reduced-Fat Peanut Butter in Addition to the Consumption of Regular Peanut Butter

Senhui He, University of Georgia
Stanley Fletcher, University of Georgia
Arbindra Rimal, Southwest Missouri State University

Demand for Pick-your-own and Pre-picked Strawberries in Direct Market Operations in North Carolina

Carlos E. Carpio, North Carolina State University
Michael K. Wohlgenant, North Carolina State University
Charles E. Safley, North Carolina State University

Price Formation and Food Safety Concerns in the U.S. Meat Industry: A Semi-flexible Normalized Quadratic Inverse Demand System Approach

Oluwarotimi O. Odeh, Kansas State University
Thomas L. Marsch, Kansas State University

At-Home and Away-From-Home Consumption of Seafood in the United States

Xumin Zhang, University of Florida
Lisa House, University of Florida
S. Sureshwaran, USDA/CSREES
Terry Hanson, Mississippi State University

Tuesday 1 p.m. – 2:45 p.m.

Selected Papers 21

Manchester

Title: **Food Safety Session 1**

Moderator: Wes Harrison, Louisiana State University

U.S. Consumer Attitudes Toward Food Biotechnology

Carolina Medina, University of Florida
Lisa House, University of Florida
David Schmidt, International Food Information Council
Jayson Lusk, Purdue University
Cheryl Toner, International Food Information Council

Determinants of Consumer Attitudes and Purchase Intentions With Regard to GM Foods

James O. Bukenya, Alabama A&M University
Natasha R. Wright, Alabama A&M University

An Evaluation of Consumer Acceptance of Genetically Modified Food: Willingness-to-Pay (WTP) Vs. Willingness-to-Accept (WTA)

Arbindra Rimal, Southwest Missouri State University
Wanki Moon, Southern Illinois University
Siva Balasubramanian, Southern Illinois University

Tuesday 1 p.m. – 2:45 p.m.
Selected Papers 22
Westminister

Title: **Food Safety Session 2**

Moderator: Conrad Lyford, Texas Tech University

An Analysis of Producers' Opinions on Mandatory Labeling of GM Products

E'licia Chaverest, Alabama A&M University

Gerald Wheelock, Alabama A&M University

Duncan M. Chembezi, Alabama A&M University

The Effects of Risk Perceptions on Consumer Preferences for Biotech Labeling

Jae Hwa Han, Louisiana State University

R. Wes Harrison, Louisiana State University

Factors Affecting Consumer Negative Perceptions about Beef Irradiation

Senhui He, University of Georgia

Stanley Fletcher, University of Georgia

Arbindra Rimal, Southwest Missouri State University

Consumer Willingness to Pay for Irradiated Poultry Products

Kent Wolfe, University of Georgia

Chung L. Huang, University of Georgia

John McKissick, University of Georgia

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

Title: **Biotechnology Impacts on Rice Production and Consumption**

Organizers:

Roger Hinson, Louisiana State University

Dixie W. Reaves, Virginia Tech University

Moderator: Dixie Reaves, Virginia Tech University

Participants:

Roger Hinson, Louisiana State University

Mike Salassi, Louisiana State University

R. Wes Harrison, Louisiana State University

Dixie Reaves, Virginia Tech University

Tuesday 1 p.m. – 2:45 p.m.
Organized Symposia 8
Russell

Title: **Exploring Opportunities of Non-Traditional Alternative Enterprises for Small Farmers**

Organizers:

Safdar Muhammad, Tennessee State University

Fisseha Tegegne, Tennessee State University

Moderator: Albert J. Allen, Mississippi State University

Participants:

Sandra Soliaman, Tuskegee University

Omoanghe S. Isikhuemhen, North Carolina A&T State University

Safdar Muhammad, Tennessee State University

Fisseha Tegegne, Tennessee State University

Enefiok Ekanem, Tennessee State University
Surendra Singh, Tennessee State University
Tom Tate, USDA/CSREES
Antonio McLaren, USDA/CSREES

Tuesday 3:15 p.m. – 5 p.m.
Selected Papers 23
Dover

Title: **Food Safety Session 3**

Moderator: Stanley Fletcher, University of Georgia

A Valuation of Public Demand for the Participation of Non-government Agencies in Monitoring and Enforcing Food Safety Regulations

Senhui He, University of Georgia
Stanley Fletcher, University of Georgia
Arbindra Rimal, Southwest Missouri State University

Agricultural Terrorism: Potential Economic Effects on the Poultry Industry in Mississippi

Albert J. Allen, Mississippi State University
Albert E. Myles, Mississippi State University
Porfirio Fuentes, Mississippi State University
Safdar Muhammad, Tennessee State University

Sales Responses to Recalls for *Listeria monocytogenes*: Evidence from Branded, Ready-to-Eat Meats

Michael Thomsen, University of Arkansas
Rimma Shiptsova, Utah State University

Tuesday 3:15 p.m. – 5 p.m.
Selected Papers 24
Coventry

Title: **The Application of a Diverse Set of Economic Tools to Policy Analysis**

Moderator: Daniel De la Torre Ugarte, University of Tennessee

Tobacco Quota Buyout Legislation: Economic Impacts on the Southeast

Kelley J. Tiller, University of Tennessee
Burton C. English, University of Tennessee
R. Jamey Menard, University of Tennessee

Assessing Policy Options to Prevent and Control Fruit Flies: An Application to Mexican Fruit Flies

Wen-Yuan Huang, USDA-ERS

The WTO DOHA Development Round and OECD Agricultural Policy

Roman Keeney, Purdue University
Thomas W. Heretel, Purdue University

Investigating the Weather-Crop Yield Models and Policy Implications for Romanian Agriculture

Jianqiang Hao, University of Kentucky
Jerry R. Skees, University of Kentucky

Tuesday 3:15 p.m. – 5 p.m.
Selected Papers 25
Phillbrook

Title: **Price, Forecasting, and Location Analyses**

Moderator: Eric J. Wailes, University of Arkansas

Does the Reduction in Peanut Prices Benefit Peanut Butter Consumers?

Cesar L. Revoredo, University of Georgia
Denis Nadolnyak, University of Georgia
Stanley M. Fletcher, University of Georgia

Price-Inventory Relationship in the Pecan Industry: A Study of Long- and Short- Run Effects with Seasonal Consideration

M. Ibrahim, University of Georgia

Wojciech Florkowski, University of Georgia

Forecasting Market Share Using A Flexible Logistic Model

Kwamena Quagranie, University of Arkansas at Pine Bluff

A Location Analysis of Landscape Plant Retail Outlet Markets in Georgia

Chandler M. McClellan, University of Georgia

Steve Turner, Mississippi State University

Lewell Gunter, University of Georgia

Forrest Stegelin, University of Georgia

Tuesday 3:15 p.m. – 5 p.m.

Selected Papers 26

Remington

Title: **Modeling Consumer and Producer Behavior**

Moderator: Albert J. Allen, Mississippi State University

A Probit Model Analysis of Factors Affecting Consumption of Fresh Sweet Corn in Major U. S. Markets

Kimberly L. Morgan, University of Florida

Robert L. Degner, University of Florida

Thomas J. Stevens III, University of Florida

An Analysis of Farm-Retail Spread for Jamaican Fresh Fruits

Abdullahi Abdulkadri, University of the West Indies

Igbekele Ajibefun, Federal University of Technology

Direct Market Consumer Characteristics: A Case Study of Oklahoma Farmers' Markets

Shida R. Henneberry, Oklahoma State University

Haernani N. Agustini, Oklahoma State University

A Transaction Cost Economics View of Agriculture Product Exchanges for Biopower: Theoretical and Methodological Concerns

Ira Altman, University of Missouri-Columbia

Tom Johnson, University of Missouri-Columbia

Tuesday 3:15 p.m. – 5 p.m.

Selected Papers 27

Gilcrease

Title: **Estimating Price, Demand, and Identity Preservation Impacts**

Moderator: Safdar Muhammad, Tennessee State University

On Predicting the Price of Corn

Harwood D. Shaffer, University of Tennessee

The Price of Quality Cotton in the U.S.

Conrad Lyford, Texas Tech University

Sangnyeol Jung, Texas Tech University

Don Ethridge, Texas Tech University

European Union Cotton Demand: An Application of Demand Systems and Panel Data

José Antonio Lopez, Texas Tech University

Jaime Malaga, Texas Tech University

Identity Preservation for Genetic Modification Characteristics in Wheat Marketing

Marcia Tilley, Oklahoma State University

Yancey E. Wright, Oklahoma State University

Tuesday 3:15 p.m. – 5 p.m.

Selected Papers 28

Manchester

Title: **Check-off Programs, Strategic Alliances, and Specialization**

Moderator: Shida Henneberry, Oklahoma State University

Will the Voluntary Checkoff Program be the Answer? An Analysis of Optimal Advertising and Free-Rider Problem in the U.S. Beef Industry

Chanjin Chung, Oklahoma State University

Shida R. Henneberry, Oklahoma State University

Case Study of Strategic Alliances for the U.S. Beef Industry

Angel A. Bu, Louisiana State University

Jeffrey M. Gillespie, Louisiana State University

Beef Producer Choice in Cattle Marketing

Jeffrey M. Gillespie, Louisiana State University

Aydin Basarir, Gaziosmampana University

Alvin Schupp, Louisiana State University

What Role Does Specialization Play in Farm Size in the U.S. Hog Industry?

Christopher Davis, USDA-ERS

Jeffrey M. Gillespie, Louisiana State University

Tuesday 3:15 p.m. – 5 p.m.

Selected Papers 29

Westminister

Title: **Carbon Sequestration and Energy Crop Production**

Moderator: T. E. Anton, University of Florida

An Economic and Risk Analysis of the Effects of No Tillage and Manure Applications on Soil Carbon Sequestration in Corn Production

Dustin Pendell, Kansas State University

Scott B. Boyles, Kansas State University

Jeffrey R. Williams, Kansas State University

Charles W. Rice, Kansas State University

Richard G. Nelson, Kansas State University

Economic Feasibility of an Energy Crop on a South Alabama Cotton-Peanut Farm

E. Todd Frank, Auburn University

Patricia Duffy, Auburn University

C. Robert Taylor, Auburn University

David Bransby, Auburn University

Max Runge, Auburn University

Rodrigo Rodriguez-Kabana, Auburn University

Lignocellulosic Biomass Harvest and Delivery Cost

Lawrence Mapemba, Oklahoma State University

Francis Epplin, Oklahoma State University

Tuesday 3:15 p.m. – 5 p.m.

Organized Symposium 9

Woodward

Title: **Leveraging Extension Resources through Inter-Agency Cooperation**

Organizers:

C.W. "Bill" Herndon, Mississippi State University

John D. Anderson, Mississippi State University

Moderator: C.W. "Bill" Herndon, Mississippi State University

Participants:

John D. Anderson, Mississippi State University

Bill Herndon, Mississippi State University
Tim Woods, University of Kentucky
Derrell Peel, Oklahoma State University
Ross Love, Oklahoma State University Extension Service

Tuesday 3:15 p.m. – 5 p.m.
Organized Symposium10
Russell

Title: Issues Surrounding the Acceptability of Agricultural Biotechnology: Results from Focus Group Meetings and Mail Questionnaire Surveys

Organizer: Enefiok Ekanem, Tennessee State University

Moderator: Steve Halbrook, Farm Foundation

Participants:

E. Ekanem, Tennessee State University
S. Muhammad, Tennessee State University
F. Tegegne, Tennessee State University
S. Singh, Tennessee State University
Eric Wailes, University of Arkansas, Fayetteville
Jefferson Miller, University of Arkansas, Fayetteville
Diana Danforth, University of Arkansas, Fayetteville
Dennis Balogu, University of Arkansas, Pine Bluff
Tracy Dunbar, University of Arkansas, Pine Bluff
Usman Adamu, University of Arkansas, Pine Bluff
Shannon Hendix, University of Arkansas, Pine Bluff
Mary Mafuyai-Ekanem, North Carolina A&T State University
Sheilda Sutton, North Carolina A&T State University
Marsha McGraw, North Carolina A&T State University
Carolyn C. McCain, North Carolina A&T State University
Cheryl Toner, International Food Information Council
Wen S. Chern, The Ohio State University

Tuesday 5 p.m. – 6 p.m.
JAAE Editorial Council Meeting
Second Floor Conference Room

Tuesday 7 p.m. – 9 p.m.
SAEA Reception
Petroleum Club of Tulsa
601 South Boulder

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

International Foyer

Wednesday 8:00a.m. – 9:45 a.m.
Selected Papers 30
Dover

Title: Alternative and Optimal Agricultural Insurance

Moderator: Roderick Rejesus, Texas Tech University

Testing the Viability of Area Yield Insurance for Cotton and Soybeans in the Southeast

Xiaohui Deng, University of Georgia
Barry Barnett, University of Georgia
Dmitry Vedenov, University of Georgia

THI Application to Insuring Against Heat Stress in Dairy Cows

Xiaohui Deng, University of Georgia
Barry Barnett, University of Georgia
Dmitry Vedenov, University of Georgia
Joe West, University of Georgia

Optimal Crop Insurance Options for Alabama Cotton-Peanut Producers: A Target-MOTAD Analysis

Marina Irimia-Vladu, Auburn University
James L. Novak, Auburn University
Patricia Duffy, Auburn University

An Optimal Portfolio of Insurance Products and Alternative Management Practices in Farm Level

Jianqiang Hao, University of Kentucky
Murali Kanakasabai, University of Kentucky
Carl R. Dillon, University of Kentucky
Jerry R. Skees, University of Kentucky

Wednesday 8:00a.m. – 9:45 a.m.

Selected Papers 31

Coventry

Title: **Cattle Economics**

Moderator: Lawrence Falconer, Texas A&M University

Key Factors Contributing to Cow/Calf Costs, Profits, and Production

Ruslyn Parker, Oklahoma State University
Damona Doye, Oklahoma State University
Clement E. Ward, Oklahoma State University
Derrell Peel, Oklahoma State University
James M. McGrann, Texas A&M University
Larry Falconer, Texas Agricultural Extension

Impact of a Managed Herd Health Program on Cow-Calf Profit Risk

T. E. Anton, University of Florida

The Effect of Economic Factors on the Adoption of Best Management Practices in Beef Cattle Production

Seon-Ae Kim, Louisiana State University
Jeffrey M. Gillespie, Louisiana State University
Krishna P. Paudel, Louisiana State University

Management Practices and Lease Arrangements used by Oklahoma Wheat, Wheat Pasture, and Wheat Pasture Livestock Producers

Ishrat Hossain, Oklahoma State University
Francis M. Epplin, Oklahoma State University
Eugene G. Krenzer, Oklahoma State University
Gerald W. Horn, Oklahoma State University

Wednesday 8:00a.m. – 9:45 a.m.

Selected Papers 32

Philbrook

Title: **Productivity, Efficiency, and Economies of Scale**

Moderator: Jeffrey Gillespie, Louisiana State University

A Comparative Assessment of the Effect of Land Tenancy on Total Factor Productivity and Total Resource Productivity

Anil Sulgam, Louisiana State University
Pramod Sambidi, Louisiana State University
Krishna Paudel, Louisiana State University
Yiqian Wang, Louisiana State University

Tillage Systems, Cropping Practices, Farm Characteristics and Efficiency

Sidhar Sankranti, Kansas State University
Michael R. Langemeier, Kansas State University

Cost Efficiency of Catfish Farms in Chicot County, Arkansas: The Impact of Extension Services

Aloyce Kaliba, University of Arkansas at Pine Bluff
Carole R. Engle, University of Arkansas at Pine Bluff

Nonparametric Estimation of Multiproduct and Product-Specific Economies of Scale

Brian K. Coffey, Kansas State University
Allen Featherstone, Kansas State University

Wednesday 8:00a.m. – 9:45 a.m.

Selected Papers 33

Remington

Title: **The Sweet and the Not-So-Sweet: Issues in Honey and Manure Economics**

Moderator: Lal Almas, West Texas A&M University

Factors Influencing the Adoption of *Varroa* Mite Resistant Honeybees

John V. Westra, Louisiana State University
Daniel J. Sarver, Louisiana State University

Estimating the Economic Impact of *Varroa* Mite Resistant Russian Honeybees

Daniel J. Sarver, Louisiana State University
John V. Westra, Louisiana State University

Blame It on the Weather: Cost and Design of Manure Management under Extreme Weather Conditions on North Carolina Swine Farms

Jan Chvosta, North Carolina State University
Kelly Zerring, North Carolina State University
Bailey Norwood, Oklahoma State University

Is the Pollution Risk from Manure and Commercial Fertilizer Nutrients Growing on Corn/Livestock and Specialized Livestock Farms?

Richard F. Nehring, USDA-ERS
Lee A. Christensen, USDA-ERS
Erik J. O'Donoghue, USDA-ERS
Carmen Sandretto, USDA-ERS

Wednesday 8:00a.m. – 9:45 a.m.

Selected Papers 34

Gilcrease

Title: **Cotton and Peanut Precision Agriculture**

Moderator: Jeff Johnson, Texas Tech University

Adoption of Spatial Information Gathering Technologies and Variable Rate Input Application Technologies by Cotton Farmers in the Southeast

Roland Roberts, University of Tennessee
James A. Larson, University of Tennessee
Burton C. English, University of Tennessee
Rebecca L. Cochran, University of Tennessee
W. Robert Goodman, Auburn University
Sherry L. Larkin, University of Florida
Michele C. Marra, North Carolina State University
Steven W. Martin, Mississippi State University
W. Donald Shurley, University of Georgia
Jeanne Reeves, Cotton Inc.

Farmers' Perceptions of Spatial Yield Variability as Influenced by Precision Farming Information Technologies

James A. Larson, University of Tennessee
Roland Roberts, University of Tennessee

Quantifying the Differences in Management Goals and Technology Choice in Peanut Production

Susan Watson, Louisiana Tech University
Darren Hudson, Mississippi State University

Wednesday 8:00a.m. – 9:45 a.m.
Selected Papers 35
Westminster

Title: **Financial and Managerial Issues in Agriculture**

Moderator: Bruce Ahrendsen, University of Arkansas

Comprehensive Financial Analysis of Value Added or Expansion Investment Impacts on Farm Resources

Melvin Brees, University of Missouri-Columbia

Joe Parcell, University of Missouri-Columbia

Determinants of Farm Size in the Southeast: Does the Size Concept Matter?

Mary Clare Ahearn, USDA-ERS

Jet Yee, USDA-ERS

The Role of Women in Farm Management Decisions

Fisseha Tegegne, Tennessee State University

Safdar Muhammad, Tennessee State University

Enefiok Ekanem, Tennessee State University

Surendra Singh, Tennessee State University

Wednesday 8:00a.m. – 9:45 a.m.
Selected Papers 36
Woodward

Title: **Applied Production Analyses**

Moderator: Fritz Roka, University of Arkansas

Economics of Replacing Endophyte-Infected with Endophyte-Free Tall Fescue Pastures

Mary Marchant, University of Kentucky

Courtney Paige Murrell, University of Kentucky

Jun Zhuang, University of Kentucky

Effects of Risk, Disease, and Nitrogen Source on Optimal Nitrogen Fertilization Rates in Winter Wheat Production

Jeremy T. Walters, University of Tennessee

Roland Roberts, University of Tennessee

James A. Larson, University of Tennessee

Burton C. English, University of Tennessee

Donald D. Howard, University of Tennessee

Have the Agricultural Public Investment Improved Rice Productivity Through Land Usage Reallocation?: An Empirical Study on Japanese Paddy-Field Rental Transactions

Yoji Kunimitsu, National Institute for Rural Engineering - Japan

Determining the Break-Even Margin for Mechanical Harvesting of Florida Citrus

Fritz M. Roka, University of Florida