

Southern Agricultural Economics Association
37th Annual Meetings Program
February 5 – 9, 2005

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All meeting rooms are located in the Peabody Hotel (PB) or State House Convention Center (CC)

Saturday 8 p.m. – 10 p.m.
Quiz Bowl Orientation
Hoffman (PB)

Sunday 8 a.m. – 5 p.m.
Quiz Bowl
Hoffman & Manning

Sunday 9 a.m. – 2 p.m.
SAEA Executive Board Meeting
Peck (PB)

Sunday Noon – 5 p.m.
Registration
Rotunda (CC)

Sunday 2 p.m. – 5 p.m.
Department Heads' Meeting
Petit Jean (PB)

Sunday 4 p.m. – 6 p.m.
SAAS General Session
Conway (PB)

Sunday 6:30 p.m. – 8 p.m.
SAAS Reception
Statehouse Ballroom (CC)

Sunday 2:00 p.m. – Tuesday 5 p.m.
Selected Posters
Gallery (CC)

Poster Presentations will be
Tuesday 10:15 – 12:00 noon

Presenters:

A Case Study Analysis of Precision Farming Practices

Steven W. Martin, Delta Research and Extension Center, Mississippi State University
Swagata Banerjee, Delta Research and Extension Center, Mississippi State University
James Hanks, USDA-ARS, Jamie Whitten Agricultural Research Center, Mississippi

Maturity Group Effects on Optimal Soybean Seeding Rates and Reseeding Thresholds

Michael Popp, University of Arkansas, Fayetteville
Patrick Manning, University of Arkansas, Fayetteville

Jeffrey Edwards, Oklahoma State University
Larry Purcell, University of Arkansas, Fayetteville

Profitability of Soybean Seed Treatments

Paul Scott Poag, University of Arkansas, Fayetteville
Michael Popp, University of Arkansas, Fayetteville

A Role for Geospatial Information Systems in Identifying Potential Tennessee Water Quality Trading Markets

David C. Roberts, University of Tennessee, Knoxville
Christopher D. Clark, University of Tennessee, Knoxville

Assessing the Linkages between the U.S. and Export Chicken Prices: A Time Series Approach

Harjanto Djunaidi, Middle Tennessee State University

Working Lands Programs: Potential Tools for Conserving Agricultural Wetlands

John Westra, Louisiana State University
Rex Caffey, Louisiana State University
Jay V. Huner, University of Louisiana, Lafayette

Cotton Producers: Past, Present, and Future

A. Blake Brown, North Carolina State University
George Frisvold, University of Arizona
Kenneth Paxton, Louisiana State University
Jeanne Reeves, Cotton, Incorporated

The Impact of Agriculture on the Arkansas Economy

Jennie Popp, University of Arkansas, Fayetteville
Gina Vickery, University of Arkansas, Fayetteville
H.L. Goodwin, University of Arkansas, Fayetteville
Wayne Miller, University of Arkansas Extension

Marketing Channels and Contracts used by Argentine Soybean Producers

Martias G. Nardi, Clemson University
Todd D. Davis, Clemson University
Hugo A. Centrangolo, Universidad de San Andres, Argentina

Profitability of Different Biological Types of Beef Cattle Developed under a Rotational Management Intensive Grazing System

: Rimal Arbindra, Southwest Missouri State University
Tommy Perkins, Southwest Missouri State University

Consumer Level of Liking and Willingness to Pay for Garden Chrysanthemum Cultivars in Mississippi

Benedict C. Posadas, Coastal Research & Extension Center, Mississippi State University
Christine H. Coker, Coastal Research & Extension Center, Mississippi State University
Glenn Fain, USDA-ARS
Patricia R. Knight, Coastal Research & Extension Center, Mississippi State University
Randal Y. Coker, Coastal Research & Extension Center, Mississippi State University

Television Food Advertising and the USDA Food Guide Pyramid: Keeping Kids Healthy?

Anne Jones, University of Florida
Lisa House, University of Florida
Al Wysocki, University of Florida

Is Conservation Tillage an Economically Warranted Production Strategy under the New Peanut Program: A Perspective of Southern Peanut Production

Nathan B. Smith, University of Georgia
Vijay Subramaniam, University of Georgia
Stanley M. Fletcher, University of Georgia

Monday 8 a.m. – 5 p.m.
Registration

Rotunda (CC)

Monday 8 a.m. – 5 p.m.

Quiz Bowl

Hoffman & Manning

Monday 8 a.m. – 5 p.m.

Departmental Recruitment Displays

Rotunda (CC)

Monday 8:30 a.m. – 8:45 a.m.

36th Annual SAEA Meetings

Opening Remarks and Welcome

Richard Kilmer, SAEA President

Conway (PB)

Monday 8:45 a.m. – 9:45 a.m.

Presidential Address

Kimberly Jensen

Conway (PB)

Monday 10:15 a.m. – 12 noon

Invited Papers 1

Conway (PB)

Title: **Contracting in the South: A Twenty-Year Retrospective of Change**

Organizer: Mary C. Ahearn, Economic Research Service, USDA

The Legal Environment Facing Economic Agents in Production: A Twenty Year Retrospective of Legal Trends

Janie Simms Hipp, University of Arkansas

Harriet “Hattie” Francis, University of Missouri

Location of Production and Consolidation in the Processing Industry: The Case of Poultry

H.L. Goodwin, University of Arkansas

Organizational Change, Concentration, and Contracting in the South: Empirical Evidence

Mary C. Ahearn, Economic Research Service, USDA

David Banker, Economic Research Service, USDA

Penni Korb, Economic Research Service, USDA

Contract Terms in an Era of Traceability: Lessons from Agriculture and Other Industries

Mike Sykuta, University of Missouri

Monday 10:15 a.m. – 12 noon

Invited Papers 2

Toltec (CC)

Title: **Biotechnology and International Competitiveness: Implications for Southern U.S. Agriculture**

Organizer: Eric Wailes, University of Arkansas

Moderator: Mechel S. Paggi, California State University, Fresno

Concepts, Issues, and Analysis of Biotechnology on International Competitiveness

Eric J. Wailes, University of Arkansas

Assessment of Biotechnology Policy and Trade in Key Markets for U.S. Agriculture

Mary Marchant, University of Kentucky

Baohui Song, University of Kentucky

Consequences of Biotechnology Policy for Competitiveness and Trade of Southern U.S. Agriculture

Greg Traxler, Auburn University
Curtis Jolly, Auburn University

Discussant:

Stanley S. Fletcher, University of Georgia

Monday 12 noon – 1 p.m.
SERA-IEG 16 Business Meeting
Quapaw (CC)

Monday 1 p.m. – 2:45 p.m.
Selected Papers 1
Neosho (PB)

Title: **Import Demand Analysis**

Moderator: Safdar Mohammad, Tennessee State University

The Mexican Market for U.S. Sorghum: Is there still room for growth?

Syamalakumar Pandrangi, Texas Tech University
Jaime Malaga, Texas Tech University

Demand Analysis for the U.S. Fresh Tomato Market

Jione Jung, University of Florida
John J. VanSickle, University of Florida
James Seale, Jr., University of Florida

Allocation of Global Import Demand for Coffee among the Three Largest World Economies: Implications for Developing Countries

Shiferaw T. Feleke, University of Florida
Lurleen M. Walters, University of Florida

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

Title: **Management Practices in Animal Production to Improve Environmental Quality**

Moderator: David Anderson, Texas A&M University

Count Data Analysis of 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

Awareness of EQIP and Subsequent Adoption of BMPs by Cattle Producers

Joyce Obubuafo, Louisiana State University
Jeffrey Gillespie, Louisiana State University
Seon-Ae Kim, Louisiana State University
Krishna Paudel, Louisiana State University

Influence of Cost Share and EQIP Incentive Payments on Adoptions of Best Management Practices by Louisiana Dairy Farmers

Wayne M. Gauthier, Louisiana State University
Krishna Paudel, Louisiana State University
John Westra, Louisiana State University
Larry Hall, Louisiana State University

System Level Economic Analysis of Swine Diet Modifications

Art L. Stoecker, Oklahoma State University
Yi-Hung Lin, Oklahoma State University

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

White Oak (PB)

Title: **Issues in Risk, Profitability, and Self-Sustainability among Lending Institutions and Farmer Cooperatives**

Moderator: Valentina Hartarska, Auburn University

Risk Management Strategies for a Producer-Owned Peanut Shelling Cooperative

Nathan B. Smith, University of Georgia
Robert J. Byrne, University of Georgia
Stanley M. Fletcher, University of Georgia
Barry J. Barnett, University of Georgia

Credit Scoring Analysis for the Microfinance Institutions in U.S.

Jiang Hou, University of Kentucky
Jerry R. Skees, University of Kentucky
Wei Wang, University of Kentucky

Profitability and Risk of U.S. Agricultural Banks

Feng Zhang, University of Georgia
James E. Epperson, University of Georgia

Monday 1 p.m. – 2:45 p.m.

Selected Papers 4

Caraway III (CC)

Title: **Impacts of Policy on Land Use, Farm Structure, and Profitability**

Moderator: Michael R. Dicks, Oklahoma State University

Options for the 2007 Farm Bill under New WTO Commitments: What are the implications for U.S. farm structure?

Roman Keeney, Purdue University

Changes in the Spatial Allocation of Crop Land in the Fort Cobb Watershed as a Result of Environmental Restrictions

Michael R. Dicks, Oklahoma State University
David Adams, Oklahoma State University

Financial Impact of Updating Program Base Acres and Yields on Texas Crop Producers

J. Marc Raulston, Texas A&M University
Joe L. Outlaw, Texas A&M University
James W. Richardson, Texas A&M University

Diversity and Commonality of U.S. Farm Households: A Typology of U.S. Farm Households

Brian C. Briggeman, Purdue University
Allan W. Gray, Purdue University
Christine A. Wilson, Purdue University

Monday 1 p.m. – 2:45 p.m.

Organized Symposia 1

Tolec (CC)

Title: **Issues in Precision Agriculture and Risk Management**

Organizer: Sayed Saghaian, University of Kentucky

Moderator: Roland Roberts, University of Tennessee

Site Specific Nitrogen Management

J. Lowenberg-DeBoer, Purdue University
D.Lambert, Purdue University
T. Griffin, Purdue University
G.Malzer, University of Minnesota

Management Zones & Application Error

Carl Dillon, University of Kentucky
S.Saghaian, University of Kentucky
J.Salim, University of Kentucky

Variable Rate Technology in Cotton

James Larson, University of Tennessee
Roland Roberts, University of Tennessee
Burton English, University of Tennessee
T. Sharp, Jackson State Community College

Monday 1 p.m. – 2:45 p.m.

Organized Symposia 2

Miller (CC)

Title: **Bridging the Gap between 1890 and 1862 Institutions' Agricultural Economics Programs**

Organizers:

Committee on the Opportunities and Status of Blacks in Agricultural Economics (COSBAE)

Christopher Davis, Economic Research Service, USDA
Keithly Jones, Economic Research Service, USDA
Doris Newton, Economic Research Service, USDA

Moderator: Christopher Davis, Economic Research Service, USDA

Perspectives on the Adjustments from an Educational and Academic Career

Deacue Fields III, Auburn University
Kenrett Jefferson-Moore, North Carolina A&T University

Keys to a Successful Transition from an 1890 to an 1862 Institution

Dave Weatherspoon, Michigan State University
Andrew Mohammed, Southern University

Factors Influencing the Decision Not to Complete a Terminal Degree in Agricultural Economics

Daniel Whitley, Foreign Agriculture Service, USDA

Issues and Hurdles Associated with Motivating Students to Move on to Graduate Schools at 1862 and Other Private Institutions

Dovi Alipoe, Alcorn State University
Al Parks, Prairie View A&M University

Monday 3:15 p.m. – 5 p.m.

Selected Papers 5

Neosho (PB)

Title: **Agricultural Commodity Marketing and Price Analysis**

Moderator: Harjanto Djunaidi, Middle Tennessee State University

Testing for Seasonal Cointegration and Error Correction: The U.S. Pecan Price-Inventory Relationship

Mohammed Ibrahim, University of Georgia
Wojciech J. Florkowski, University of Georgia

An Assessment of the Efficiency of Agribusiness Trucking Companies: A Data Envelopment Analysis Approach

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

Volatility Transmission in U.S. Hog Markets

Keithly Jones, Economic Research Service, USDA

What Are the Factors Driving Sow Breeding Operations to Become Larger?

Christopher G. Davis, USDA
Jeffrey M. Gillespie, Louisiana State University
Doris J. Newton, USDA

Monday 3:15 p.m. – 5 p.m.

Selected Papers 6

Harris (PB)

Title: **Optimization of Production and Input Use**

Moderator: Carl Dillon, University of Kentucky

Comparing Production Optimization Strategies for Texas Panhandle Producers in Response to Declining Water Availability Due to Decline in the Ogallala Aquifer

W. Arden Colette, West Texas A&M University
Lal K. Almas, West Texas A&M University
Soeng Park, West Texas A&M University

Nitrogen Fertilization of Growing Wheat Based upon Site-Specific Optical Sensing

Jon Biermacher, Oklahoma State University
Francis M. Eppin, Oklahoma State University
John B. Solie, Oklahoma State University
William R. Raun, Oklahoma State University
B. Wade Brorsen, Oklahoma State University
Marvin L. Stone, Oklahoma State University

Comparison of Decision Rules for Subsurface Drip Irrigation Practices Using a Nonlinear Mathematical Programming Model

Sayed Saghaian, University of Kentucky
Carl Dillon, University of Kentucky
Juma Salim, University of Kentucky
Morali Kanakasabai, Chicago Climate Exchange, Inc.

The Variable Rate Decision for Multiple Inputs in Fields with Multiple Management Zone

Roland K. Roberts, University of Tennessee
Burton C. English, University of Tennessee
James A. Larson, University of Tennessee

Monday 3:15 p.m. – 5 p.m.

Selected Papers 7

White Oak (PB)

Title: **Income and Employment Interdependencies**

Moderator: Mike Woods, Oklahoma State University

Assessing Demographic Changes and Income Inequalities: A Case Study of West Virginia

Yohannes G. Hailu, West Virginia University
Tesfa G. Gebremedhin, West Virginia University
Radall W. Jackson, West Virginia University

An Economic Analysis of Off-Farm Employment of Farm Families in West Virginia

Gebremeskel Gebremariam, West Virginia University
Tesfa G. Gebremedhin, West Virginia University

Examining Interdependence Between Location, Employment, and Commuting Patterns in Alabama

Samuel Muguku, Alabama A&M University
James O. Bukenya, Alabama A&M University

Monday 3:15 p.m. – 5 p.m.

Selected Papers 8

Caraway III (CC)

Title: **Econometrics of the Environment, the Climate, and Agriculture**

Moderator: Olga Sydorovych, North Carolina State University

Environmentally Adjusted Elasticity Measures

Saleem Shaik, Mississippi State University

Climate Contribution to Corn and Soybean Yields

Oscar Vergara, AIR Worldwide Corporation

Gerhard Zuba, AIR Worldwide Corporation

Tim Doggett, AIR Worldwide Corporation

Ming Lee, AIR Worldwide Corporation

Use of Seemingly Unrelated Parametric and Semiparametric Panel Models in the Environmental Kuznets Curve Estimation

Hector Zapata, Louisiana State University

Krishna P. Paudel, Louisiana State University

Monday 3:15 p.m. – 5 p.m.

Selected Papers 9

Conway

Title: **Consumer Valuation of Food Attributes**

Moderator: James Sterns, University of Florida

Perceived Risks of Agro-biotechnology and Organic Food Purchases in the United States

Arbindra Rimal, Southwest Missouri State University

Wanki Moon, Southern Illinois University

Consumer Trait Responses to Genetically Modified Foods

Molly D. Brant, Kansas State University

Daniel S. Tilley, Oklahoma State University

John C. Mowen, Oklahoma State University

Credence Attributes, Consumer Valuation, and Endowment Effects in Auctions: The Case of Sweet Potatoes

Lawton Lanier Nalley, Kansas State University

Darren Hudson, Mississippi State University

Greg Parkhurst, Mississippi State University

Relating Beef By-Product Value to Live Cattle Prices

James D. Sartwelle, III, Texas A&M University

David P. Anderson, Texas A&M University

Joe L. Outlaw, Texas A&M University

James W. Richardson, Texas A&M University

Monday 3:15 p.m. – 5 p.m.

Organized Symposium 3

Miller (CC)

Title: **Potential Impacts of the Dominican Republic–Central American Free Trade Agreement and the U.S.–Australia Free Trade Agreement on Southern Agriculture**

Organizers:

Flynn Adcock, Texas A&M University

Parr Rosson, Texas A&M University

Moderator: Stanley Fletcher, University of Georgia

The Dominican Republic-Central American Free Trade Agreement

Mechel S. Paggi, California State University, Fresno

An Overview of the U.S.-Australia Free Trade Agreement

Parr Rosson, Texas A&M University

Potential Impacts of DR-CAFTA and the Australian FTA: The Case of Texas

John Robinson, Texas A&M University
Flynn Adcock, Texas A&M University

Potential Impacts of DR-CAFTA and AFTA: The Case of Rice

Eric Wailes, University of Arkansas

Discussant: Won Koo, North Dakota State University

Monday 3:15 p.m. – 5 p.m.

Organized Symposium 4

Toltec (CC)

Title: **Policy Implication of Federal Budget Deficits for Agriculture and Rural Communities**

Organizers:

James Novak, Auburn University,
Larry Sanders, Oklahoma State University

Moderator: John Anderson, Mississippi State University

Historic Perspective and Current Situation With Regard to Agricultural Programs and Deficits

Larry Sanders, Oklahoma State University

Implications for Agricultural Commodity Programs Funding

James L. Novak, Auburn University

Implications For Rural Community Programs Funding

Michael Woods, Oklahoma State University

Monday 4 p.m. – 5 p.m.

Student Recruitment Fair

Rotunda (CC)

Monday 5:15 p.m. – 7 p.m.

SAEA Business Meeting and Awards Program

Conway (PB)

Tuesday 8 a.m. – 5 p.m.

Registration

Rotunda (CC)

Tuesday 8:45 a.m. – 9:45 a.m.

Keynote Speaker

Larry Connor, University of Florida

How to Manage a Teaching Program with Survival in Mind

Conway

Tuesday 10:15 a.m. – 12 noon

Invited Papers 3

Conway (PB)

Title: **Taking Research Methods to the Farm**

Organizers:

Steven L. Klose, Texas A&M University
Joe L. Outlaw, Texas A&M University

Moderator: Gregg Ibendahl, Mississippi State University

Financial and Risk Management (FARM) Assistance: A Decision Support System for Agricultural Producers

Steven L. Klose, Texas A&M University

Base and Yield Analyzer (BYA)

James W. Richardson, Texas A&M University

Integrated Farm Financial Statements (IFFS): A Farm Business Planning Tool

Damona Doye, Oklahoma State University

Discussant: Nathan B. Smith, University of Georgia

Tuesday 10:15 a.m. – 12 noon

Invited Papers 4

Harris (PB)

Title: **Sustainable Coastal Development Through Community Support: Myth or Reality?**

Organizers:

Krishna P. Paudel, Louisiana State University

Jack C. Isaacs, Louisiana Department of Wildlife and Fisheries

Steve Henning, Louisiana State University

Moderator: Upton Hatch, Auburn University

Presenters:

Financing Beach Maintenance from a Community Economics Perspective

Warren Kriesel, University of Georgia

Andy Keeler, University of Georgia

Eco-Tourism as a Means of Conserving Wetlands

Carlisle Pemberton, University of West Indies

Kathleen Mader-Charles, University Of West Indies

Opening a Public Recreation Area to Revitalize Coastal Communities and Preserve Natural Resources In Louisiana: The Case of Elmer's Island

Krishna P. Paudel, Louisiana State University

Rex Caffey, Louisiana State University

Nirmala Devkota, Louisiana State University

Larry Hall, Louisiana State University

Discussant: John Bergstrom, University of Georgia

Tuesday 10:15 a.m. – 12 noon

Lifetime Achievement Award Symposium

Hoffman (PB)

Tuesday 1 p.m. – 2:45 p.m.

Selected Papers 10

Conway (PB)

Title: **Modeling Agricultural Risk and Commodity Markets**

Moderator: Krishna Paudel, Louisiana State University

Trends, Cycles, and Price Relationships in the International Fiber Market

Mohamadou L. Fadiga, Texas Tech University

Sukant K. Misra, Texas Tech University

Econometric and Time Series Model Selections: A Choice between Two Possible Approaches to Assess Linkages between the U.S. and Export Chicken Markets

Harjanto Djunaidi, Middle Tennessee State University

Tuesday 1 p.m. – 2:45 p.m.

Selected Papers 11

Harris (PB)

Title: **Issues in Agricultural Economics Education**

Moderator: Joey Mehlhorn, University of Tennessee at Martin

The SS-AAEA Quizbowl: Success In and Out of the Classroom in the South

Jennie Popp, University of Arkansas

Research Productivity and Selected Characteristics of Agricultural Economics Faculty in the Southern Region: A Quarter of a Century Later

Molly D. Brant, Kansas State University

Leah J. Tsoodle, Kansas State University

Bill Golden, Kansas State University

Allen M. Featherstone, Kansas State University

Determinants of Agricultural Economic Faculty Salaries: A Quarter of a Century Later

Bill Golden, Kansas State University

Leah J. Tsoodle, Kansas State University

Oluwarotimi O. Odeh, Kansas State University

Allen M. Featherstone, Kansas State University

Competencies of Entry-Level College Graduate Employees in Agribusiness

Stephen E. Miller, Clemson University

Wilder N. Ferreira, Clemson University

Lawrence D. Fredendall, Clemson University

Linda B. Nelson, Clemson University

Tuesday 1 p.m. – 2:45 p.m.

Selected Papers 12

Toltec (CC)

Title: **Evaluation of Alternative Tillage Practices**

Moderator: Jeffrey Gillespie, Louisiana State University

The Variable Rate Decision for Multiple Inputs in Fields with Multiple Management Zones

Roland K. Roberts, University of Tennessee

Burton C. English, University of Tennessee

James A. Larson, University of Tennessee

Whole Farm Economic Evaluation of No-Till Rice Production in Arkansas

K. Bradley Watkins, University of Arkansas

Jason L. Hill, University of Arkansas

Merle M. Anders, University of Arkansas

Tony E. Windham, University of Arkansas

Economies of Size for Conventional Tillage and No-Till Wheat Production

Francis M. Eplin, Oklahoma State University

Curtis J. Stock, USDA, NASS, Arizona

Darrel D. Kletke, Oklahoma State University

Thomas F. Peeper, Oklahoma State University

Impact of the Adoption of Less Tillage Practices on Overall Efficiency

Michael Langemeier, Kansas State University

Tuesday 1 p.m. – 2:45 p.m.

Selected Papers 13

White Oak (PB)

Title: **Water Potpourri**

Moderator: Kelly Bryant, University of Arkansas at Monticello

The Use and Opportunity of Cooperative Organizational Forms as an Innovative Regulatory Tool Under the Clean Water Act

Kurt Stephenson, Virginia Tech

Leonard Shabman, Resources for the Future

The Gulf of Mexico Grouper Fisheries: Heterogeneous Fleet and Expectations in Fishermen's Decisions

Hamady Diop, Louisiana State University

Walter R. Keithly, Jr., Louisiana State University

Richard F. Kazmierczak, Jr., Louisiana State University

Forecasting Irrigation Water Demand: An Application of Structural Time Series Model

Murali Adhikari, Alabama A&M University

Laxmi Paudel, University of Georgia

Jack E. Houston, University of Georgia

Nirmala Devkoa, Louisiana State University

Tuesday 1 p.m. – 2:45 p.m.

Selected Papers 14

Izard (CC)

Title: **Impacts of Imports, SPS, and Technical Change on Agricultural Commodities**

Moderator: Saleem Shaik, Mississippi State University

Effects of Import of Catfish, Crawfish, and Shrimp on the Domestic Prices

Young-Jae Lee, Louisiana State University

P. Lynn Kennedy, Louisiana State University

Impacts of Technical Change in Crops and Livestock Production on Income Distribution in Developing Countries

Ernesto Valenzuela, Purdue University

Carlos Ludena, Purdue University

Thomas W. Hertel, Purdue University

Roman Keeney, Purdue University

Impact of Sanitary and Phyto-Sanitary Agreements on World Trade of Meat and Poultry

Fawzi A. Taha, USDA-ERS

Tuesday 1 p.m. – 2:45 p.m.

Selected Papers 15

Hoffman (PB)

Title: **Influence of Business Structure and Decisions on Financial Performance of Farm Businesses**

Moderator: Cesar L. Escalante, University of Georgia

The Structure Performance Hypothesis and the Efficient Structure Performance Hypothesis Revisited: The Case of Agribusiness Commodity and Food Products Truck Carriers in the South

Albert J. Allen, Mississippi State University

Saleem Shaik, Mississippi State University

Albert E. Myles, Mississippi State University

Safdar Muhammad, Tennessee State University

The Sustainable Growth Paradigm's Application to U.S. Farm Businesses

Cesar L. Escalante, University of Georgia

Calum G. Turvey, Rutgers University

Risk Management Strategies for Catfish and Trout Farms

Aloyce Kaliba, University of Arkansas at Pine Bluff

Carole R. Engle, University of Arkansas at Pine Bluff

Tuesday 1 p.m. – 2:45 p.m.
Selected Papers 16
Pope (CC)

Title: **Economic Impact of Recreation, Agriculture, and E-Commerce**

Moderator: Garen Evans, Mississippi State University

Impact of Hunting and Fishing on Mississippi Counties

Andrew Whittington, Mississippi State University
Gregory Parkhurst, Mississippi State University
Darren Hudson, Mississippi State University
Virginia Buller, Mississippi State University

Economic Impacts of Agricultural Sector and Agricultural Exports on the Kansas Economy

Sreedhar Upendram, Kansas State University

How Much is E-Commerce Worth to Rural Businesses?

Susan Watson, Louisiana Tech University
O. John Nwoha, Louisiana Tech University
Gary Kennedy, Louisiana Tech University
Kenneth Rea, Louisiana Tech University

Tuesday 1 p.m. – 2:45 p.m.
Selected Papers 17
Miller (CC)

Title: **Kuznets Curves and Social Capital**

Moderator: Jeffery Jordan, University of Georgia - Griffin Campus

Environmental Kuznets Curve Under a New Framework: Role of Social Capital

Hassan Marzoughi, Louisiana State University
Krishna P. Paudel, Louisiana State University
Mark J. Schafer, Louisiana State University

Carbon Dioxide (CO₂) Emissions in Latin America: Looking for the Existence of Environmental Kuznets Curves

Krishna P. Paudel, Louisiana State University
Hector Zapata, Louisiana State University
Alejandro Diaz, Louisiana State University
Keshav Bhattarai, Central Missouri State University

Farmers' Choice of Using Sustainable Agricultural Practices: A Social Capital Approach

Jeff Jordan, University of Georgia - Griffin Campus

Tuesday 1 p.m. – 2:45 p.m.
Organized Symposia 5
Carraway II (CC)

Title: **The Doha Development Agenda and Southern Agriculture**

Organizers:

Parr Rosson, Texas A&M University
Flynn Adcock, Texas A&M University

Moderator: Darren Hudson, Mississippi State University

Overview and Current Status of the Doha Work Program and Negotiations

Parr Rosson, Texas A&M University

The Importance of Measuring and Analyzing Distributional Impacts of Multi-lateral Trade Agreements

Larry Sanders, Oklahoma State University

The Doha Round: Perspectives from Developing Countries

Mike Reed, University of Kentucky

Discussant: Jaime Malaga, Texas Tech University

Tuesday 1 p.m. – 2:45 p.m.

Organized Symposia 6

Carraway (III)

A Relationship Between Food Safety Issues And Structure In The Production Sector: A Strawberry Example

Organizer: Roger Hinson, Louisiana State University

Moderator: Dixie Watts Reaves, Virginia Polytechnic Institute and State University

Food Safety and Fresh Strawberry Markets

Richard Weldon, University of Florida

Al Wysocki, University of Florida

An Alternative Perspective on Demand for Reduced Pesticides Retail Strawberry Products Market

Roger Hinson, Louisiana State University

Cooperatives' Potential Contributions to Food Safety and Market Enhancement

Dixie Watts Reaves, Virginia Polytechnic Institute and State University

Tuesday 3:15 p.m. – 5 p.m.

Selected Papers 18

Hoffman (PB)

Title: Production Practices and Product Attributes

Moderator: Roland Roberts, University of Tennessee

Consumer Preferences for Various Watermelon Product Attributes

Callie Bryan, Auburn University

Deacue Fields, Auburn University

The Effect of Recent and Futuristic Changes in Cotton Production Practices in the Mid-South on Direct and Fixed Costs Per Acre

D.W. Parvin, Mississippi State University

Steve Martin, Mississippi State University

Effects of Alternative Lime Application Rates on Cotton Profitability with Varying Cover Crops, Nitrogen, and Tillage Methods

Rebecca L. Cochran, University of Tennessee

James A. Larson, University of Tennessee

Roland K. Roberts, University of Tennessee

Donald D. Tyler, University of Tennessee

Economic Benchmarks of Alternative Pond Management Systems for Freshwater Prawn Production in the United States

Benedict C. Posadas, Mississippi State University

Tuesday 3:15 p.m. – 5 p.m.

Selected Papers 19

Harris

Title: Consumer Preference and Willingness to Pay Studies

Moderator: Kenneth Young, University of Arkansas

An Assessment of Consumer Preferences for Strawberry Products

Michael N. Bruchhaus, Louisiana State University
Roger A. Hinson, Louisiana State University

The Preference for Round Number Prices

Joni Klumpp, Oklahoma State University
B. Wade Brorsen, Oklahoma State University
Kim B. Anderson, Oklahoma State University

Comparison of Stated Choice and In-Store Experimental Methods in Predicting Actual Market Behavior for Freshwater Prawn (*Macrobrachium rosenbergii*) Consumers

R. Karina Gallardo, Mississippi State University
Terrill R. Hanson, Mississippi State University
M. Darren Hudson, Mississippi State University

Frozen Catfish Retail Pack: A Study of Consumers' Willingness to Pay

Kwamena Quagraine, University of Arkansas at Pine Bluff

Tuesday 3:15 p.m. – 5 p.m.

Selected Papers 20

Toltec (CC)

Title: **Beef Cattle Marketing and Management Strategies**

Moderator: James M. Trapp, Oklahoma State University

Examining Fed Cattle Choice-Select Discount

Robert Hogan, Jr., University of Arkansas Cooperative Extension Service
Clement E. Ward, Oklahoma State University

Managing an Industry in Crisis: BSE in Canada

Jared G. Carlberg, University of Manitoba, Canada

Economics of Meat Pricing and Featuring

Keithly Jones, Economic Research Service, USDA

BSE, US Beef Exports and Cattle Feeding Industry: A Regional Economic Impact Analysis

Lal K. Almas, West Texas A&M University
W. Arden Colette, West Texas A&M University
Steve H. Amosson, Texas A&M University

Tuesday 3:15 p.m. – 5 p.m.

Selected Papers 21

White Oak

Title: **Supply, Cost, and Risk Analysis**

Moderator: Sayed Saghaian, University of Kentucky

Dairy Supply Response Under Stochastic Trend and Seasonality: A Structural Time Series Analysis

Murali Adhikari, Alabama A&M University
Laxmi Paudel, University of Georgia
Jack E. Houston, University of Georgia
Nirmala Devkoa, Louisiana State University

Producer Characteristics and Peanut Cost Efficiency in the Southeast: Implications for the Farm-Level Impacts of the 2002 Farm Act

Stanley M. Fletcher, University of Georgia
Denis A. Nadolnyak, University of Georgia
Valentina M. Hartarska, Auburn University

Evaluating an Alternative Crop Index

Xiaohui Deng, University of Georgia

Barry J. Barnett, University of Georgia
Gerrit Hoogenboom, University of Georgia
Yingzhuo Yu, University of Georgia

Tuesday 3:15 p.m. – 5 p.m.
Selected Papers 22
Conway (PB)

Title: **Economic Impact of Health, Community Services, and Infrastructure**

Moderator: Alan Barefield, Mississippi State University

Healthcare and Productivity in East Central Mississippi
Garen K. Evans, Mississippi State University

Direct and Indirect Effects of Public Infrastructures to Regional Economic Growth in Japan: An Application of the Covariance Structure Model by each Geographical Classification Area
Yoji Kunimitsu, National Institute for Rural Engineering, Japan

Estimating the Economic Impact of Disease on a Local Economy: The Case of Diabetes in the Lower Rio Grande Valley of Texas
Joselito K. Estrada, University of Texas
H. Shelton Brown, III, University of Texas
Gautam Hazarika, University of Texas
Elena Bastida, University of Texas

Tuesday 3:15 p.m. – 5 p.m.
Selected Papers 23
Miller (CC)

Title: **Extension Issues**

Moderator: Bob Stark, University of Arkansas at Monticello

Marketing Considerations for Northeast Goat Producers
Doolarie Singh-Knights, West Virginia University
Dennis K. Smith, West Virginia University
Marlon Knights, West Virginia University

Information Sources Preferred by Limited Resource Farmers in Using Agricultural Risk Tools
Ingrid Nya Ngatchou, Alabama A&M University
James O. Bukenya, Alabama A&M University
Duncan M. Chembezi, Alabama A&M University

A Pilot Program to Assist CAFOs in Using Weather Data to Minimize Manure Management Risk
Ray Massey, University of Missouri
Chris Boessen, University of Missouri

Tuesday 3:15 p.m. – 5 p.m.
Selected Papers 24
Pope (CC)

Title: **Precision Agriculture Management**

Moderator: Carl Dillon, University of Kentucky

Measuring the Impacts of Manure Management Regulations and Urbanization on the Competitiveness of Dairy Farms in the Midwest and Northeast
Richard Nehring, ERS/USDA
Charles Barnard, ERS/USDA
Eric O'Donoghue, ERS/USDA
Carmen Sandretto, ERS/USDA

An Economic Evaluation of Precision Deep Tillage Practices through the Analysis of Comparative Enterprise Budgets

Christopher A. Pierce, University of Kentucky
Larry G. Wells, University of Kentucky
Carl R. Dillon, University of Kentucky

Profitability of Phosphorus and Nitrogen Reduction through Precision Livestock Farming: A Case Study on a Dairy Farm

Juma Salim, University of Kentucky
Carl R. Dillon, University of Kentucky
Sayed Saghaian, University of Kentucky
Jack McAllister, University of Kentucky
Donna M. Amaral-Phillips, University of Kentucky

Tuesday 3:15 p.m. – 5 p.m.
Selected Papers 25
Izard (CC)

Title: Trade Policy, Welfare, and Rating Agencies on Textiles and Market Discipline: Implications for Developing Countries

Moderator: Albert J. Allen, Mississippi State University

Panel Data Analysis of Trade Policy Effects on U.S. Textile Industries

William A. Amponsah, North Carolina A&T State University
Victor Ofori-Boadu, North Carolina A&T State University

Rating Agencies and Market Discipline in Microfinance

Valentina Hartarska, Auburn University

The Welfare Effects of the U.S. African Growth and Opportunity Act on Tanzania

Aloyce R. Kaliba, University of Arkansas at Pine Bluff
Josephat Keka, ESRF – TANZANIA
George Kabelwa, ESRF – TANZANIA
Umy Ally, ESRF - TANZANIA

Tuesday 3:15 p.m. – 5 p.m.
Organized Symposium 7
Carraway II (CC)

Title: Foreign Animal Disease Outbreaks and Country of Origin Labeling: Implications for Producers, Consumers, and the Rest of Us

Organizers:

R. Curt Lacy, University of Georgia
John D. Anderson, Mississippi State University

Moderator: John D. Anderson, Mississippi State University

Overview of Foreign Animal Disease Impacts in the U.S. Livestock and Poultry Sector

David P. Anderson, Texas A&M University

Mandatory Livestock Identification and Country of Origin Labeling: Regulations and Implications for Producers

R. Curt Lacy, University of Georgia

Mandatory Livestock Identification and Country of Origin Labeling: Implications for Domestic Consumers and Foreign Trade

Wendy J. Umberger, Colorado State University

Developing an Effective and Equitable Indemnity Policy to Deal with Market Disruptions Caused by Foreign Animal Disease Outbreaks

Keith Coble, Mississippi State University
John D. Anderson, Mississippi State University

Tuesday 3:15 p.m. – 5 p.m.
Organized Symposium 8
Caraway III (CC)

Title: **Peanut Sector Adjustment to a New Policy Regime**

Organizers:

Erik Dohlman, USDA
Linwood Hoffman, USDA
Edwin Young, USDA

Moderator: Linwood Hoffman, USDA

Presenters:

Overview of Policy Change and Aggregate U.S. Adjustments
Erik Dohlman, USDA

Risk Management Strategies and Concerns
Kim B. Anderson, Oklahoma State University

Policy Implementation Issues and Challenges
James Pease, Virginia Polytechnic Institute and State University

Processor Perspectives and Issues
Nathan Smith, University of Georgia

Tuesday 5 p.m. – 6 p.m.
JAAE Editorial Council Meeting
Quapaw (CC)

Tuesday 7 p.m. – 9 p.m.
SAEA Reception
Clinton Library

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

Wednesday 8 a.m. – 9:45 a.m.
Selected Papers 26
Hoffman

Title: **Policy and Consumer Response**

Moderator:

Consumer Food Choices as a Reflection of Concerns about Nutritional Attributes
Sojin Hwang, University of Georgia
Wojciech J. Florkowski, University of Georgia
In-Kyu Lee, Rural Development Administration, Korea

An American BSE Crisis: Has it Affected the Value of Traceability and Country-of-Origin Certifications for U.S. and Canadian Beef?

Ruby A. Ward, Utah State University
DeeVon Bailey, Utah State University
Robert Jensen, Utah State University

Estimating the Effect of FDA-Allowed Health Claims on the Consumption of Soy Based Food
Arbindra Rimal, Southwest Missouri State University
Wanki Moon, Southern Illinois University

Economic Evaluation of HACCP Implementation in Turkey Processing
Simeon Kaitibie, North Dakota State University
William Nganje, North Dakota State University
Alexandre Sorin, North Dakota State University

Wednesday 8 a.m. – 9:45 a.m.

Selected Papers 27

Harris (PB)

Title: **New Policies for Old Section 22 Commodities**

Moderator: Joe Outlaw, Texas A&M University

A Linear Estimation of Producer Preferences, and the Wage, Hours, and Gross Sales Effects of Migrant Labor in Alabama's Horticulture Industry

Moriah Bellenger, Auburn University

Deacue Fields, Auburn University

Ken Tilt, Auburn University

Crop Rotations and Dynamic Analysis of Southeastern Peanut Farms

Archie Flanders, University of Georgia

Stanley M. Fletcher, University of Georgia

C. Robert Taylor, Auburn University

Nathan B. Smith, University of Georgia

Allen McCorvey, University of Georgia

Can the Milk Income Loss Contract (MILC) and Dairy Price Support Program Competing Coexist?

Brian Herbst, Texas A&M University

Joe L. Outlaw, Texas A&M University

David P. Anderson, Texas A&M University

Crop Contracts versus Spot Markets under the Marketing Assistance Loan Program: The Case of Peanuts

Denis A. Nadolnyak, University of Georgia

Cesar L. Revoredo Giha, University of Cambridge, United Kingdom

Stanley M. Fletcher, University of Georgia

Wednesday 8 a.m. – 9:45 a.m.

Selected Papers 28

Pope (CC)

Title: **Merger, Integration, and Strategic Alliance in Agribusiness Industries**

Moderator: Tony V. Johnston, Middle Tennessee State University

Price Effects of Supermarket Mergers

David E. Davis, Economic Research Service, USDA

Jeffrey M. Perloff, University of California

Horizontal Consolidation in the Food Processing Industry: Boon or Bane?

Emilio Tostao, Oklahoma State University

Chanjin Chung, Oklahoma State University

Case Studies of Strategic Alliances in Southeastern Beef Production

Jeffrey Gillespie, Louisiana State University

Angel Bu, Louisiana State University

Robert Boucher, Louisiana State University

Wednesday 8 a.m. – 9:45 a.m.

Selected Papers 29

White Oak (PB)

Title: **Determinants of Market Prices, Demand, and Cost Efficiency**

Moderator: Pierre I. Boumtje, Southern Arkansas University

Economics of Transporting Poultry Litter from Northwest Arkansas to Eastern Arkansas Croplands

Kenneth B. Young, University of Arkansas
Eric Wailes, University of Arkansas
H.L. Goodwin, University of Arkansas
Rita Carreira, University of Arkansas

Does Institutional Loyalty Hypothesis Really Work?: The Case of MTSU Students' and Employees' Preference Toward MTSU-Produced Milk

Harjanto Djunaidi, Middle Tennessee State University
Tony V. Johnston, Middle Tennessee State University

Steel: Price Links between the Primary and Scrap Market

Irene M. Xiarchos, West Virginia University

Internet Adoption Among Organic Farmers in the U.S.

Daniel Ngugi, University of Georgia
Luanne Lohr, University of Georgia
Xiangrong Yin, University of Georgia

Wednesday 8 a.m. – 9:45 a.m.

Selected Papers 30

Caraway III

Title: Farm Efficiency, Investment, and Growth

Moderator: Michael Langemeier, Kansas State University

An Examination of the Relationship Between Overall Efficiency and Farm Experience

Kelly Bradford, Kansas State University
Michael Langemeier, Kansas State University

Cost Efficiency Estimates for a Sample of Crop and Beef Farms

Michael Langemeier, Kansas State University
Rodney Jones, Kansas State University

Factors Impacting Farm Growth

Mario Villatora, Kansas State University
Michael Langemeier, Kansas State University

Investment Analysis of Alternative Dairy Systems under MILC

Phillip R. Eberle, Southern Illinois University
Darren Moody, USDA-AMS
William C. Peterson, Southern Illinois University
C. Matthew Rendleman, Southern Illinois University

Wednesday 8 a.m. – 9:45 a.m.

Selected Papers 31

Conway (PB)

Title: Value of Environmental Amenities

Moderator: Jennie Popp, University of Arkansas

Toward a Generalizable Measure of the Value of a Change in Pesticide Use

Olga Sydorovych, North Carolina State University
Michele C. Marra, North Carolina State University

The Value of Hunting Package Attributes

Virginia Buller, Mississippi State University
Darren Hudson, Mississippi State University

Gregory M. Parkhurst, Mississippi State University
Andy Whittington, Mississippi State University

Estimating the Supply Curve for Nutria Pelts from Coastal Louisiana and the Impacts Associated with Declining Prices

Jack C. Isaacs, Louisiana Department of Wildlife and Fisheries
Cheikhna Dedah, Louisiana State University
Walter R. Keithly, Jr., Louisiana State University
Richard F. Kazmierczak, Jr., Louisiana State University

Estimating the Economic Value of Temporary and Permanent Carbon Sequestration Activities on Agricultural Land

Mark Sperow, West Virginia University

Wednesday 8 a.m. – 9:45 a.m.

Selected Papers 32

Manning (PB)

Title: Income Support and Risk Management

Moderator: John Westra, Louisiana State University

Evaluating the Effectiveness of Price and Yield Risk Management Products in Reducing Revenue Risk for Southeastern Crop Producers

Todd D. Davis, Clemson University

The Influence of the Value of Bt Cotton on Risk and Welfare

Swagata "Ban" Banerjee, Mississippi State University
Steven W. Martin, Mississippi State University
Michael E. Wetzstein, University of Georgia

Government Payments: Economic Impact on Southeastern Peanut Farms

Stanley M. Fletcher, University of Georgia
Archie Flanders, University of Georgia
Nathan B. Smith, University of Georgia
Allen McCorvey, University of Georgia

Specialty Crop Producers' Crop Insurance Decisions

Jione Jung, University of Florida
Richard N. Weldon, University of Florida
John J. VanSickle, University of Florida

Wednesday 8 a.m. – 9:15 a.m.

Organized Symposium 9

Isard (CC)

Title: Production and Marketing Risk Management in Aquaculture

Organizers:

Terry R. Hanson, Mississippi State
John D. Anderson, Mississippi State

Moderator: Terry R. Hanson, Mississippi State

Governmental Assistance to the U.S. Catfish Industry

Terry R. Hanson, Mississippi State University
John Anderson, Mississippi State University

Developing Insurance Products for U.S. Aquaculture Industries

Keith Coble, Mississippi State University
Saleem Shaik, Mississippi State University

Effect of Contract Attributes on Catfish Processors and Producers

Darren Hudson, Mississippi State University

Tian Xia, Mississippi State University

Risk Reduction Through Forward Contracting of Catfish Feed

John Anderson, Mississippi State University

Wednesday 8 a.m. – 9:15 a.m.

Organized Symposium 10

Miller (CC)

Title: Obesity, Food Labeling and Food Policy: Issues/Impacts For Southern Agriculture

Organizers:

Larry D. Sanders, Oklahoma State University

James Novak, Auburn University

Janie Simms Hipp, University Of Arkansas

Moderator: James Novak, Auburn University

Overview Of The Economics Of Obesity In The Rural South

Agus Hudoyo, University Of Kentucky

Eric Scorsone, University Of Kentucky

Current Nutrition/Labeling/Food Safety Legislation & Litigation

Janie Simms Hipp, University Of Arkansas

Public and Private Food Assistance Programs and Their Use for the Nutrition and Development Of Low-Income Children In The South

Patricia A. Duffy, Auburn University

Sareen Gropper, Auburn University

Jean Weese, Auburn University

B. Doug White Auburn University

Evelyn Crayton, Auburn University

Summary of Causation and Policy Implications of Obesity for Southern Agriculture

Larry Sanders, Oklahoma State University

James Novak, Auburn University