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Conference participants are encouraged to thank the sponsors for their support of the SAAS.
SAAS strives to forward the interests of Southern agriculture by bringing agricultural leaders in the educational field and industry together. The association instructs and trains individuals for the purpose of improving or developing their capabilities relating to educational activities in service to the public arena. SAAS also offers young scientists an opportunity to present papers resulting from their research, extension, or other efforts and to exchange knowledge with other leaders.

Thank you for attending and for taking part in this effort!
SAAS REGISTRATION
Mobile Convention Center Foyer
Sunday 8:00 am - 4:00 pm
Monday 8:00 am - 4:00 pm
Tuesday 8:00 am – Noon

SAAS PROGRAMS
Sunday, February 4
3:30 pm – 5:00 pm — SAAS Opening Session and General Business Meeting
Topic: Immigration Policies and Their Impact on Southern Agriculture and Agribusiness
West Ballroom - Mobile Convention Center

5:00 pm – 6:00 pm – Social (cash bar) and kickoff
6:00 pm – till — SAAS Reception with Business Meeting at Halftime
East Ballroom - Mobile Convention Center

“Super Bowl Party”
Come watch the game!
Sponsored by Southern Farm Bureau Life Insurance Co. Jackson, Mississippi and Affiliates

EXECUTIVE COMMITTEE MEETINGS
Sunday, February 4
2:30 pm - 3:00 pm–SAAS Board Meeting
West Ballroom - Mobile Convention Center

Tuesday, February 6
7:30 am - 9:30 am -SAAS Board Breakfast Meeting
Dauphin Suite – Riverview Plaza Hotel

OPENING SESSION
Sunday February 4, 2007
3:30 to 5:00 PM – Opening Program
West Ballroom – Mobile Convention Center

Introduction
Vance Watson, President of SAAS
Mississippi State University

Program
Topic: Agricultural Labor and U.S. Immigration Policy
The Southern Agricultural Economics Association (SAEA) will be hosting the Opening Session of the 2007 SAAS Annual Meeting. The theme for the Opening Session will be Agricultural Labor and U.S. Immigration Policy. Nationally recognized scholars will address the dynamics of agricultural labor markets, employment trends of agricultural workers, and proposed changes to U.S. immigration policy. The presentations will offer insights into how revised federal policies on immigration likely will affect workers and farmers across the southern United States, particularly those individuals and companies in the horticultural and tree crop industries.

Program agenda and session presenters:
Robert D. Emerson, Professor, Food and Resource Economics, University of Florida, Gainesville, FL. Agricultural Labor Markets: Immigration Implications - remerson@ufl.edu - (352) 392-1845 ext 316
David Griffith. Professor, Anthropology, East Carolina University, Greenville, NC. Working On and Working Off the Contract: H-2 labor and US Rural Communities - griffithd@ecu.edu - (252) 328-1748
Ethan G. Lewis. Assistant professor, Economics, Dartmouth College, Hanover, NH. The Consequences of Immigration for American Workers and Industry - Ethan.G.Lewis@dartmouth.edu - (603) 646-2943

5:00 pm - Social (cash bar) and kickoff
East Ballroom – Mobile Convention Center

6:00 pm - Super Bowl Party and Reception Halftime - General Business Meeting
East-West Ballroom – Mobile Convention Center
ACADEMIC DEPARTMENT HEADS

2007 SAAS Meeting

Riverview Plaza Hotel
Mobile Ballroom I

Monday, February 5, 2007

Agenda:

7:00 am – 9:00 am

Refreshments--coffee & juice.

Topic: “Balancing On and Off Campus Faculty Appointments from Different Administrative Perspectives.”

Speakers:

Dr. Doug Bailey
Department of Horticulture – Head
University of Georgia

Dr. Thomas Klindt
Interim Dean - College of Agricultural Sciences and Natural Resources & Tennessee Agricultural Experiment Station
University of Tennessee

Dr. Joe Street
Director – Delta Research and Extension Center
Mississippi State University

Business Meeting to follow topic discussion.

ADMINISTRATIVE HEADS

Southern Association of Agricultural Scientists Administrative Heads of Agriculture Section (AHA)

Monday, February 5

7:30 am – 9:00 am – Administrative Heads of Agriculture Section (AHA)
Breakfast will be served.
Room 106A – Mobile Convention Center
Monday, February 5

9:00 a.m. Research Session I, Convention Center, Meeting Room 105A

Welcome and Overview

Marcus A. Ashlock, Kansas State University, D. Dwayne Cartmell & James G. Leising, Oklahoma State University

“Perceptions of Florida Extension Leaders Regarding the Need for a Comprehensive Agricultural & Natural Resources Awareness Website”
Roslynn G. Brain & Nicholas E. Fuhrman, University of Florida

10:30 a.m. Break

10:45 Research Session II, Convention Center, Meeting Room 105A

“Perceptions of Influence on College Choice by Students Enrolled in a College of Agricultural Sciences and Natural Resources”
Cathy D. Herren, University of Missouri, D. Dwayne Cartmell & J. Tanner Robertson, Oklahoma State University

“The Newest White Meat: Selected Consumers Attitudes and Taste Perceptions of All-Natural Pork”
Katie Chodil, Courtney Myers, Tracy Irani, & Ricky Telg, University of Florida

Noon Lunch on your own

1:30 p.m. Professional Development Session I
Alabama Agri-Tourism presented by Tom Chesnutt, Extension Tourism Specialist, Alabama Cooperative Extension System

2:30 p.m. Break

Tuesday, February 6

8:30 a.m. Research Session IV, Convention Center, Meeting Room 105A

“OPML as a News Reporting and Organizational Tool”
Blair Fannin, Texas A&M University

“Putting a Good Foot Forward Online: Working with Industry Professionals to Analyze Website Usability”
Emily Rhoades, Ohio State University & Katie Chodil, University of Florida

9:45 a.m. Break
(Sponsored by ACE Southern Region)

10:00 a.m. Research Session IV

“Editor Preferences for the Use of Scientific Information in Livestock Publications”
Traci L. Naile & D. Dwayne Cartmell, Oklahoma State University

“ACE Members Spheres of Influence”
Edith A. Chenault & Tracy A. Rutherford, Texas A&M University

11:30 Lunch on your own

1:00 p.m. Crisis Communication – Round Table Discussion

2:00 p.m. General Discussion and Business Meeting
Southern Agricultural Economics Association
39th Annual Meetings Program
February 4-6, 2007
Mobile, Alabama

SAEA OFFICERS:
President ................................... DAMONA DOYE
President Elect .................. HAROLD L. GOODWIN
Director ....................... CHARLES R. HALL
Director .......................... STANLEY M. FLETCHER
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Past-President ................ KIMBERLY L. JENSEN
Editor ............................ HENRY KINNUCAN

Meeting rooms are located in
Riverside Plaza Hotel and
Convention Center (CC), Mobile

Saturday 6 p.m. - 8 p.m.
Quiz Bowl
Mobile Ballroom III

Sunday 8 a.m. - 5 p.m.
Quiz Bowl
Convention Center - Meeting Room 201A
Quiz Bowl and Recruiting Fair
Convention Center - Meeting Room 201B

Sunday 9:30 a.m. - 2 p.m.
SAEA Executive Committee Meeting
Convention Center Admin Conference Rm SMG

Sunday Noon - 5 p.m.
Registration
Preconvene Area

Sunday 2 p.m. - 5 p.m.
Department Heads' Meeting
Convention Center VIP Lounge

Sunday 2 p.m. - 5 p.m.
SS-AAEA Meeting
Convention Center Admin Conference Room
MBCVB

Sunday 3:30 p.m. - 5 p.m.
SAAS General Session
Sponsored by SAEA
West Ballroom

Agricultural Labor Markets: Immigration Implications
Robert D. Emerson, University of Florida

AGRICULTURAL ECONOMICS

Working On and Working Off the Contract: H-2 Labor and US Rural Communities
David Griffith, East Carolina University

The Consequences of Immigration for American Workers and Industry
Ethan G. Lewis, Dartmouth College

Sunday 5:00 p.m. - till.
SAAS Reception/Super Bowl Party
East and West Ballrooms

Sunday 2 p.m. - Tuesday 5 p.m.
Selected Posters
Convention Center - Prefunction/Upper Concourse
Poster Presentations will be Tuesday 10:15 - 12:00 noon

Presenters:
1. The Evolution of Technology in the Classroom: From Chalk Dust to iPods
   Joey E. Mehlhorn, Timothy N. Burcham, Philip Smartt, University of Tennessee at Martin

2. Using Ultrasound Technology to Improve Livestock Marketing
   Arbindra Rimal, Tommy Perkins, Missouri State University

3. Economic Impact of Commercial Equestrian Trail Rides on the Economic of South-Central Missouri
   Kate E. Welker, Arbindra Rimal, Gary Webb, Missouri State University

4. Economic Evaluation of Sugarcane Combine Harvester Costs and Optimal Harvest
   F. G. Barker, M. E. Salassi, Louisiana State University

5. Economic Impacts from Meeting a Renewable Portfolio Standard in the TVA Region
   Burt English, Jamey Menard, Kim Jensen, Kateryna Goychuk, University of Tennessee

   Odili Onianwa, LaTersa Hampton, Gerald Wheelock, Alabama A&M University

   Mallory Vestal, Clement E. Ward, Damona Doye, David Lalman, Oklahoma State University
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>An Assessment of State Wine Marketing Programs</td>
<td>Michael H. Lau, Roger D. Hanagriff, Sam Houston State University; Tim H. Murphy, Texas A&amp;M University</td>
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<td>Analysis of China's Soybean Import Market Structure</td>
<td>Baohui Song, University of Kentucky; Mary A. Marchant, Virginia Tech; Shuang Xu, University of Kentucky</td>
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<td>Ranking Risk Factors in the Pork Supply Chain Based on Risk Simulation Model</td>
<td>Xuanli Liu, Mack Nelson, Fort Valley State University; Paul McNamara, University of Illinois</td>
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<td>Assessing the Impact of BMP Cropping Systems on Returns and Risk</td>
<td>Donald J. Boquet, Huizhen Niu, Louisiana State University</td>
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<td>Predicting Fertilizer Costs</td>
<td>Gregory Ibendahl, Mississippi State University</td>
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<td>An Analysis of a National Public Policy Survey: What Are Georgia Producers Agricultural, Food, and Public Policy Preferences?</td>
<td>Nathan Smith, John Paul Martin, University of Georgia</td>
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<td>Louisiana Agricultural Wetlands: Potential Benefits and Costs as Waterbird Habitat</td>
<td>John V. Westra, Rex H. Caffey, Louisiana State University; Jay V. Huner, University of Louisiana</td>
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<td>Illustrating the Financial Incentives of Alternate Water Price Structures in the Lower Rio Grande Valley</td>
<td>Melissa Jupe, Steven Klose, Mac Young, Texas A&amp;M University</td>
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<td>QuickBooks Financial Software - Applications in Agriculture</td>
<td>DeDe Jones, Dustin Gaskins, Jay Yates, Texas A&amp;M University</td>
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<td>Using Qualitative Techniques to Direct Agricultural Policy Initiatives in Post-Conflict Liberia</td>
<td>Alicia English, Michael D. Wilcox, Jr., MacArthur M. Pay-Bayee, University of Tennessee</td>
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<td>Food Safety Knowledge, Attitudes and Behaviors of Low Income Rural and Urban Household Food Preparers: Findings from a Three-State Survey</td>
<td>E. Ekanem, F. Tegegne, Tennessee State University; M. Mafuyai-Ekanem, North Carolina A&amp;T State University; S. Muhammad, S. Singh, Tennessee State University</td>
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<td>Using ArcView GIS to Illustrate the Poultry Litter Problem</td>
<td>R.I. Carreira, J. Smartt, H.L. Goodwin, University of Arkansas</td>
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<td>The Growing Organic Market and Extension Faculty Perceptions</td>
<td>Ronald L. Rainey, Hunter Hauk, University of Arkansas</td>
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<td>Correlation of National Soybeans Cash Market Price to State and Local Market Averages - A Case Study in Arkansas</td>
<td>C.R. Stark, Jr., University of Arkansas</td>
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<td>Certified Stocks, Cotton Futures Prices, and Market Power</td>
<td>Moonsoo Park, John R.C. Robinson and John L. Park, Texas A&amp;M University</td>
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<td>Evaluating Agricultural Banking Efficiency Using the Fourier Functional Form</td>
<td>Yingzhuo Yu, Cesar Escalante, University of Georgia</td>
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<td>Economic Issues in Agricultural Finance and Banking</td>
<td>Moderator: John Westra, Louisiana State University</td>
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8:50 Farm Credit Employees’ Perceptions of Loan Business Relative to Different Types of Borrowers
Brian Briggeman, Philip Kenkel, Oklahoma State University

9:10 Financial Impacts of Regional Differences in Dairies
Brian Herbst, James Richardson, Joe Outlaw, David P. Anderson, Texas A&M University

9:30 Optimal Machinery Replacement under Accelerated Depreciation
Gregory Ibendahl, Mississippi State University
Jonathan Norvell, University of Illinois

9:50 Technology Adoption by Louisiana Dairy Farmers
Elisabeth Grisham, Jeff Gillespie, Louisiana State University

Monday 8:30 a.m. - 10:10 a.m.
Selected Papers 2
Mobile Ballroom III

Title: Importance and Implications of Farm Programs
Moderator: Greg Halich, University of Kentucky

8:30 Choice Models in Policy Analysis
Hector O. Zapata, Pramd Sambidi, Elizabeth A. Dufour, Louisiana State University

8:50 Economic Analysis of Water Conservation Policies in the Texas Panhandle
Robert Taylor, Lal K. Almas, W. Arden Colette, West Texas A&M University

9:10 Evaluating a Proposed Modification to Federal Crop Insurance
Shuqiong Ling, University of Georgia, Xiaohui Deng, California State University, Barry J. Barnett, University of Georgia

9:30 Post-Buyout Burley Tobacco Production and Trends in the Traditional Burley Regions of Tennessee, North Carolina and Virginia
LaKeya Jones, Kelly Tiller, Univ of Tennessee

9:50 The Effects of Changing Government Subsidy Programs: An Analysis of Revenue at the Farm Level
Sarah Thomas, Keith Coble, Mississippi State University

Title: Efficiency and Environmental Concerns in Fisheries and Wetlands Management
Moderator: Rita Carreira, University of Arkansas

8:30 Economic and Physical Measures of Efficiency: The Case of the Gulf of Mexico Grouper Fishery
Hamady Diop, Walter Keithly, Jr., Richard Kazmierczak, Jr., Louisiana State University

8:50 Optimal Investment in Prevention and Control of a Potential Invader: The Case of Zebra Mussels in Florida Waterways
Damian Adams, Donna J. Lee, Frederick Rossi, University of Florida

9:10 Public Health and the Economic Impacts Generated by Persistent, Bioaccumulative, and Toxic (PBT) Contaminants in U.S. Fisheries
Tina Wilson, Richard Kazmierczak, Jr., Louisiana State University

9:30 The Economic Potential of Composting Breeder and Pullet Litter with Egg Shell Waste
Nathan Kemper, H.L. Goodwin, Jr., Sandra Hamm, University of Arkansas

9:50 The Role of Institutional Preferences in Wetland Conservation Decisions
Svitlana Levchuk, Richard Kazmierczak, Jr., Louisiana State University

Title: Livestock Production Economics
Moderator: Greg Halich, University of Kentucky

10:30 Dairy Resource Management: A Focus on Pasture-Based Systems
Richard Nehring, USDA-ERS, Jeff Gillespie, Louisiana State University, Erik O’Donoghue, Carmen Sandretto, USDA-ERS

10:50 Long-Term Profitability of Animal Manure Using Optimal Application Rates
Seong Cheol Park, Art Stoecker, Oklahoma State University
11:10 Precision Feeding in Dairy Ration Cost Minimization Under Producer’s Risk Management
Juma Salim, Carl Dillon, University of Kentucky

11:30 The Impacts of Off-Farm Income on Efficiency for Livestock Farms: A Farm-Level Analysis Using the New Household Typology
Jorge Fernandez-Cornejo, Richard Nehring, USDA-ERS

Monday 8:30 - 10:10
Organized Symposium 1
Oakleigh Suite

Title: The Impacts of U.S. Unilateral Policy Reform on Southern Agriculture
Organizer: Flynn Adcock, Texas A&M University, Parr Rosson, Texas A&M University
Moderator: Larry Sanders, Oklahoma State University
Presenters:
1. Macroeconomic Policy Changes and their Impacts on U.S. Agricultural Trade
   Mike Reed, University of Kentucky
2. From Cuba to Iraq: Trade Sanctions Reform and Agricultural Markets
   Parr Rosson and Flynn Adcock, Texas A&M University
3. The Impacts of Trade Sanctions on Southern Agriculture: The Case of Rice
   Eric Wailes, University of Arkansas
4. Immigration Reform and the Competitiveness of Southern Agriculture
   John VanSickle, University of Florida

10:10 a.m. - 10:30 a.m.
Break: Refreshments served in Riverside Plaza hotel next to Mobile Ballroom III

Monday 10:30 a.m. - 11:50 a.m.
Selected Papers 6
Mobile Ballroom III

Title: Economics of Livestock Enterprises
Moderator: Joey Mehlhorn, University of Tennessee at Martin

10:30 Economic Analysis of a Traveling Gun Sprinkler System for Feedyard Dust Suppression
Stephen Amosson, Fran Bretz, Leon New, Texas A&M University, Lal K. Almas, West Texas A&M University

10:50 The Economics of Rotational Grazing in the Gulf Coast Region: Costs, Returns, and Labor Considerations
Jeffrey Gillespie, Wayne Wyatt, Louisiana State University, Brad Venuto, USDA-ARS, David Blouin, Louisiana State University
AGRICULTURAL ECONOMICS

11:10 The Effect of Drought Risk on Five Cow-Calf Production Systems in the Nebraska Sandhills: Using a Stochastic Firm Level Simulation Model
M.C. Stockton, R.K. Wilson, Univ of Nebraska

11:30 The Value of Pregnancy Testing Beef Cows
Billy Cook, Jon Biemacher, Dan Childs, Samuel Roberts Noble Foundation

Monday 10:30 a.m. - 11:50 a.m.
Selected Papers 7
Blakeley II

Title: Livestock Trade Issues
Moderator: Jaime Malaga, Texas Tech University

10:30 A Demand and Supply Analysis of the World Shrimp Market and an Analysis of Increasing Output on the Gulf of Mexico Dockside Price
Pawan Poudel, Walter Keithly, Jr., Louisiana State University

10:50 An Assessment of Import Restrictions on the Meat and Livestock Markets: An Application to Case of the Discovery of BSE on Canadian Cattle
Tullaya Boonsaeng, University of Georgia, Michael Wohlgenant, North Carolina State Univ

11:10 Avian Influenza’s Impact on World Trade of Poultry Meat
Fawzi A. Taha, USDA-ERS

Lawton Nalley, Kansas State University

Monday 10:30 a.m. - 11:50 a.m.
Selected Papers 8
Dauphin Suite

Title: Market Niches and Perceptions
Moderator: Safdar Muhammad, Tennessee State University

10:30 Does Consumer Knowledge Affect Meat Consumption in the U.S.?
Christopher Davis, USDA-ERS, Steven Yen, University of Tennessee, Biing-Hwan Lin, USDA-ERS

AGRICULTURAL ECONOMICS

10:50 Factors Affecting Demand for Branded Breed
Steve Martinez, USDA-ERS, Roger Hanagriiff, Michael Lau, Sam Houston State University

11:10 Manufacturer Perceptions of U.S. Peanuts: Results of a Recent Survey
Lisa House, Julie Johnson, Ron Ward, University of Florida, Marshall Lamb, USDA-ARS

11:30 Positioning Cotton in the Market for Quality: An Application of Market Segmentation for West Texas
Sangnyeol Jung, Conrad Lyford, Texas Tech University

Monday 10:30 a.m. - 11:50 a.m.
Organized Symposium 2
Oakleigh Suite

Title: Essentials for Teaching Agricultural Policy
Organizer: Keith H. Coble, Mississippi State University
Moderator: Steve Turner, Mississippi State University

Presenters:
1. Dr. Joe Outlaw, Texas A&M University
2. Barry J. Barnett, University of Georgia, Athens
3. Keith H. Coble, Mississippi State University

***********
11:50 a.m. - 1:15 a.m.
39th Annual SAE A Meetings Luncheon

Welcome
Damon Doye, SAEA President
Presidential Address
Harold L. Goodwin
CC - East Ballroom

***********
Monday 1:15 p.m. - 3:00 p.m.
Invited Papers 1
Mobile Ballroom III

Title: Going the Distance in Agricultural Economics
Organizer: Allen M. Featherstone, Kansas State Univ

1. Using Distance Education in Agricultural Economics Kimberly L. Jensen and Burton C. English, University of Tennessee
2. Using Distance Education in Extension Programming Rodney D. Jones, Kevin Dhuyvetter, and Terry Kastens, Kansas State University
3. Using Distance Education in Undergraduate Programs  Lisa A. House and Allen F. Wysocki, University of Florida

4. Using Distance Education in Graduate Programs  Allen M. Featherstone and Lynnette Brummett, Kansas State University

Monday 1:15 p.m. - 3:00 p.m.
Invited Papers 2
DeTonti Suite

Title: The Impacts of Avian Influenza on Poultry Production and Consumption
Organizer: Robert H. Beach, Food and Agricultural Policy Research Program, RTI International
Moderator: Robert Beach, RTI International

1. Agricultural Household Response to Avian Influenza Prevention and Control Policies  Robert Beach, Christine Poulos, and Subhrendu Pattanayak, RTI International

2. The Economic Impacts of Avian Influenza on World Poultry Trade and the US Poultry Industry: A Spatial Equilibrium Analysis  Harjanto Djunaidi, Middle Tennessee State University

3. Economic Impacts of Control Strategies for Highly Pathogenic Avian Influenza  Phil Paarlberg and John Lee, Purdue University and Ann Seitzinger, Animal and Plant Health Inspection Service, USDA

4. Impacts of Avian Influenza on the U.S. Grain Sector  Scott Brown, FAPRI, University of Missouri.

3:00 - 3:20 Break: Refreshments served in Riverside Plaza Hotel next to Mobile Ballroom III

Monday 3:20 p.m. - 5:00 p.m.
Selected Papers 9
Blakeley II

Title: Comparable Approaches to Estimation
Moderator: Sung Chul No, Southern University and A&M College

3:20 Comparison of Index, Nonparametric and Parametric Productivity Measures: Nebraska Agriculture Sector  Saleem Shaik, Mississippi State University

AGRICULTURAL ECONOMICS

3:40 Conditional Versus Incomplete Demand Systems of Equations  Carlos Carpio, Clemson University

4:00 Constructing Environmental Risk Indexes Using Logistic Regression: A Monte Carlo and Empirical Comparison of Procedures  Michele Marra, North Carolina State University, Carlos Carpio, Clemson University, Olga Sydorovych, North Carolina State University

4:20 Paper Canceled

4:40 The Strategies Behind Their Actions: An Experiment to Infer Differences in Marketing Styles Using a Sequential and Irreversible Marketing Game  Baltazar Prado, Tong Zhang, Oklahoma State University

Monday 3:20 p.m. - 5:00 p.m.
Selected Papers 10
Dauphin Suite

Title: Rural Development Issues and Opportunities
Moderator: Jean-Marc Gandonou, University of Kentucky

3:20 Community Development and Local Social Capital  Jeff Jordan, University of Georgia, Abdul Munasib, Oklahoma State University

3:40 Determinants of Youth Poverty: A Zip Code Analysis  Kaustav Misra, David Debertin, University of Kentucky

4:00 Is Attracting Retirees a Sustainable Rural Economic Development Policy?  Biswaranjan Das, Daniel Rainey, University of Arkansas

Title: Economic Issues in Value-Added Agribusiness
Moderator: Wes Harrison, Louisiana State University

3:20 Crawfish Processors’ Preferences for Peeling Machine: A Conjoint Analysis
Darius Lewis, Jeff Gillespie, Louisiana State University

3:40 Feasibility of Machinery Cooperatives in the Southern Plains Region
Garret Long, Philip Kenkel, Oklahoma State University

4:00 Soyfood Consumption Pattern: Effects of Product Attributes and Household Characteristics
Arbindra Rimal, Missouri State University
Wanki Moon, Siva Balasubramanian, Southern Illinois University

4:20 The Impacts of Contracts and Market Structure on Agricultural Markets: An Experimental Analysis
Darren Hudson, John Anderson, Ardian Harri, Mississippi State University, Steve Turner, Mississippi State University

Monday 3:20 p.m. - 5:00 p.m.
Selected Papers 11
Oakleigh Suite

AGRICULTURAL ECONOMICS

Title: U.S. Economy, International Trade and Farm Labor Policy
Moderator: Ashfaqul Babool, University of Kentucky

3:20 BSE and the U.S. Economy: Input-Output Model Perspective
Osei-Agyeman Yeboah, North Carolina A&T State University, Ellene Kedebe, Tuskegee University, Victor Ofori-Boadu, North Carolina A&T State University, Albert J. Allen, Mississippi State University

3:40 Farm Worker Legal Status and the Rate of Exit from Farm Work
Nobuyuki Iwai, Robert Emerson, Lurleen Walters, University of Florida

4:00 Implications of Proposed Immigration Reform for the U.S. Farm Labor Market
Lurleen Walters, Robert Emerson, Nobuyuki Iwai, University of Florida

4:20 The Impact of Competition Policy on Productivity Growth and International Trade: A Perspective from Agri-food Processing
Ashfaqul Babool, Michael Reed, University of Kentucky, Mia Mikic, United Nations Economic and Social Commission for Asia and the Pacific, Sayed Saghaian, University of Kentucky

4:40 WTO Impacts on U.S. Rice Farmers
Roman Keeney, Purdue University

Monday 3:20 p.m. - 5:00 p.m.
Selected Papers 13
De Tonti Suite

Title: Issues in Land Use, Recreational and Wildlife Management
Moderator: John Westra, Louisiana State University

3:20 Determinants of Demand for Participation in Wildlife Hunting: A County Level Analysis
Neelam Poudyal, Seong-Hoon Cho, University of Tennessee, Michael Bowker, USDA-Forest Service

4:00 Investigating the Potential of Fee-Based Recreational Management Associations in the Lower Mississippi River Delta
James Henderson, Michael A. Dunn, Louisiana State University

4:20 The Role of Stakeholders’ Perceptions in Addressing Water Quality Disputes in an Embattled Watershed
Jennie Popp, German Rodriguez, University of Arkansas

Monday 3:20 p.m. - 5:00 p.m.
Organized Symposium 3
Mobile Ballroom III
AGRICULTURAL ECONOMICS

Title: **The Impacts of Globalization on Southern Agriculture**
Organizer: Darren Hudson, Mississippi State University
Moderator and Discussant: Stanley Fletcher, University of Georgia

Presenters:
1. **Of Border Closings and BSE: North American Livestock Market Integration and Cattle and Meat Trade**
   Parr Rosson, Texas A&M, Darren Hudson, Mississippi State, and Flynn Adcock, Texas A&M

2. **Multilateralism and Regionalism: Trade Agreement Effects on Southern Agricultural Products**
   Lynn Kennedy, Louisiana State

3. **Foreign Direct Investment in Food Products and Its Impact on Foreign and Domestic Markets**
   Michael Reed, University of Kentucky

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**Monday 5:15 p.m. - 7 p.m.**
**SAEA Business Meeting and Awards Program**
Convention Center - East Ballroom

**Tuesday 8 a.m. – 5 p.m.**
**Registration**
Preconvene Area

**Tuesday 8:00 a.m. – 10:00 a.m.**
**Keynote Speaker Breakfast**
Mike Martin
President, New Mexico State University
“Building a Political Constituency for Agricultural Economics”
Convention Center – East Ballroom

10:00 a.m. – 10:15 a.m.
Break

**Tuesday 10:15 a.m. – 12 noon**
**Poster Session**
Convention Center – Prefunction/Upper Concourse

**Tuesday 10:15 a.m. – 12 noon**
**Invited Papers 3**
Dauphin Suite

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**Tuesday 10:15 a.m. - 12 noon**
**Organized Symposium 4**
**Lifetime Achievement Award Symposium**
Church Suite

Organizer: Kimberly L. Jensen, University of Tennessee
Moderator: Kimberly L. Jensen, University of Tennessee
Presenters: To be announced

**Tuesday 12 noon - 1:20 p.m.**
Lunch Break

**Tuesday 1:20 p.m. - 3:00 p.m.**
**Selected Papers 14**
Mobile I

Title: **Economic Feasibility and Enterprise Choice**
Moderator: Dayton Lambert, University of Tennessee

1:20 **Economic Feasibility of Kenaf Production in Three Tennessee Counties**
Enternest Bazen, Roland K. Roberts, Burton C. English, University of Tennessee

1:40 **Economic Feasibility of Small Scale Vegetable Production and Retailing in Rural Communities**
Jon Biermacher, Steve Upson, David Miller, Dusty Pittman, Samuel Roberts Noble Foundation

2:00 **The Impact of Goal Structure on Enterprise Choice in U.S. Agriculture**
Ashok Mishra, USDA-ERS, Jeff Gillespie, Louisiana State University

2:20 **Comparison of Three Water Allocation Strategies for Wheat Production in the Texas Panhandle**
W. Arden Collete, Lal K. Almas, Brian Klein, West Texas A&M University

**Tuesday 1:20 p.m. - 3:00 p.m.**
**Selected Papers 15**
Mobile II

Title: **Consumers’ Choice and Firms’ Response**
Moderator: Albert E. Myles, Mississippi State University

1:20 **A New Taxonomy of Thin Markets**
John Anderson, Darren Hudson, Ardhian Harri, Steve Turner, Mississippi State University
1:40 Consumer Preferences and Attitudes Toward Public Markets in Birmingham, Alabama
Michael Mukiki, James Bukenya, Alabama A&M University, J. Molnar, Auburn University, A. Siaway, Tuskegee University, L. Rigdon, Auburn University

2:00 Supermarket Price Competition in the Dallas-Forth Worth Fluid Milk Market
Benaissa Chidmi, Texas Tech University

2:20 Targeting Consumers by Store: The Basis of Increased Sales with Less Advertising
David Ubilava, Ken Foster, Purdue University

2:40 The Dual Nature of Choice: When Consumers Prefer Less to More
Jayson Lusk, Bailey Norwood, Oklahoma State University

Tuesday 1:20 p.m. - 3:00 p.m.
Selected Papers 17
Blakeley II
Title: Futures Markets and Agribusiness Risks
Moderator: Jason Hartell, University of Kentucky

1:20 A Real Option Value Explanation for the Scarcity of Water Exchange
Jason Hartell, University of Kentucky

1:40 Accruals and Risk for Agribusiness Firms
Carlos Omar Trejo-Pech, Richard N. Weldon, University of Florida

2:00 Information Value of Weather-Based Yield Forecasts in Selecting Optimal Crop Insurance Coverage
Denis Nadolnyak, Auburn University, Dmitry Vedenov, University of Georgia, James Novak, Auburn University, Clyde Fraisse, University of Florida, Gerrit Hoogenboom, Joel Paz, University of Georgia

2:20 Producer-Level Hedging Effectiveness of Fluid Milk Futures Contracts
Jonathan Schneider, Dwight Sanders, Ira Altman, Southern Illinois University

2:40 The Efficiency of the U.S. Cotton Futures Market: A Test for Normal Backwardation and Identification of Economic Indicators
Marissa Chavez, Victoria Salin, John Robinson, Texas A&M University

Tuesday 1:20 p.m. - 3:00 p.m.
Selected Papers 18
Church Suite
Title: Evaluations in Renewable Energy
Moderator: Ernest Bazen, University of Tennessee

1:20 Days Available for Harvesting Lignocellulosic Biomass
Seonghuyk Hwang, Francis M. Epplin, Oklahoma State University
1:40 The Impact of Biofuel Production on Crop Production in the Southern Plains
Phil Kenkel, Holly Regan, Oklahoma State University

2:00 Yield and Production Costs for Three Potential Dedicated Energy Crops in Mississippi and Oklahoma Environments
David Busby, Saleem Shaik, Mississippi State University, Angelina Martins, Francis Epplin, Oklahoma State Univ, Randall Little, Mississippi State Univ, Charles Talaferro, Oklahoma State Univ, Brian Baldwin, Mississippi State Univ, Seonghuyk Hwang, Oklahoma State Univ

Tuesday 1:20 p.m. - 3:00 p.m. Selected Papers 19
DeTonti Suite

Title: Precision Agriculture/Water Use
Moderator: Carl Dillon, University of Kentucky

1:20 Bioeconomic Modeling to Assess Economic and Water Quality Impacts of Land Use Change
Gandhi Raj Bhattarai, Diane Hite, Puneet Srivastava, Upton Hatch, Auburn University

1:40 Factors Influencing Adoption of Remotely Sensed Imagery for Site-Specific Management in Cotton Production
James Larson, Roland K. Roberts, Burton C. English, University of Tennessee, Sherry L. Larkin, University of Florida, Michele C. Marra, North Carolina State University, Steven W. Martin, Mississippi State University, Kenneth W. Paxton, Louisiana State University, Jeanne M. Reeves, Cotton Incorporated

2:00 New Precision Agriculture Technology Adoption for Dealers under Imperfect Market
Haili Jia, University of Kentucky

2:20 Precision Timing and Spatial Allocation of Economic Fertilizer Application
Jean-Marc Gandonou, Carl Dillon, University of Kentucky

2:40 Reducing Irrigation Water Demand with Cotton Production in West Texas
Lal Almas, W. Arden Colette, West Texas A&M University, Patrick Warminski, Panhandle Groundwater Conservation District

25
Title: Impacts of Higher Energy Costs on Agriculture and Renewable Energy  
Moderator: Mike Salassi, Louisiana State University

3:20 Can the U.S. Ethanol Industry Compete in the Alternative Fuels’ Market  
Zibin Zhang, Dimitry Vedenov, Michael Wetzstein, University of Georgia

3:40 Contracting for Biomass: Supply Chain Strategies for Renewable Energy  
Ira Altman, Southern Illinois University, Chris Boessen, University of Missouri, Dwight Sanders, Southern Illinois University

4:00 Economic Impacts of Ethanol Production in Georgia  
Archie Flanders, Audrey Luke-Morgan, University of Georgia, George Shumaker, Georgia Southern University, John McKissick, University of Georgia

4:20 Influence of the Natural Gas Price on the Ammonia Price  
Wen-yuan Huang, Economic Research Service

4:40 Potential of Poultry Litter as a Feedstock for Cellulose-based Ethanol Production  
Andy Whittington, Mississippi State University

Title: Options, Volatility and Cointegration in Prices  
Moderator: Joselito K. Estrada, Texas A&M University at Galveston

3:20 Accuracy of Implied Volatility Estimates Using “Nearest-to-the-money” Option Premiums  
Minhuan Nian, Charles E. Curtis, Jr., Olga Isengildina-Massa, Clemson University

3:40 Examination of Marketing Efficiency in the US Regional Rice Markets Using Panel Cointegration  
Sund Chul No, Southern University and A&M, Michael Salassi, Louisiana State University

Title: Issues in Resource Management  
Moderator: Krishna Paudel, Louisiana State University

3:20 Calibrating Online Survey Sample for Economic Impact Analysis  
Nirmala Devkota, Krishna Paudel, J. Matthew Fannin, Lary M. Hall, Rex H. Caffey, Louisiana State University

3:40 Consumer Willingness-to-Pay for Green Energy: Results from Focus Groups Short Summary  
Patricia Duffy, Diane Hite, David Bransby, Christa Slaton, Auburn University

4:00 Co-processed Poultry Litter and Dewatered Municipal Biosolids: Feasibility as an Alternative Management Approach for Surplus  
H.L. Goodwin, Jr, Andrew Armstrong, University of Arkansas
3:40 **New Estimation Strategies for Demand Threshold Models in the Southern United States**
Junpyo Hong, J. Matthew Fannin, Louisiana State University

4:10 **Property Tax Lids and the Effect on Kansas Jobs**
Job D. Springer, Samuel Roberts Noble Foundation, Aaron K. Lusby, Louisiana Tech University, John Leatherman, Allen Featherstone, Kansas State University

**Tuesday 3:20 p.m. - 5:00 p.m.**
**Selected Papers 24**
Church Suite

**Title:** Willingness-to-Pay/Accept and Food Labeling
**Moderator:** Albert J. Allen, Mississippi State University

3:20 **Comparing Willingness-to-Pay Estimates from Experimental Auctions with Mailed Surveys Incorporating Cheap Talk**
Eve Froelich, Jared Carlberg, University of Manitoba

3:40 **Effect of Reading Labels on Food Safety Attitudes and Selected Behavior of Low-Income Primary Household Food Preparers**
Enefiok Ekanem, Fisseha Tegegne, Tennessee State University, Mary Mafuyai-Ekanem, North Carolina A&T State University, Safdar Muhammad, Surendra Singh, Tennessee State University

4:00 **Some Problems with Estimating WTP from Contingent Valuation Surveys**
Naoya Kaneko, University of Georgia, Wen S. Chern, Ohio State University

4:20 **The Demand for Oysters in the United States: The Importance of Origin and Mandatory Warning Labels**
Cheikhna Dedah, Walter Keithly, Jr., Hamady Diop, Louisiana State University

4:40 **UK Consumers’ Willingness-to-Accept (WTA) Discount for GM Food**
Wanki Moon, Southern Illinois University, Arbindra Rimal, Missouri State University, Siva Balasubramanian, Southern Illinois University

**Tuesday 3:20 p.m. - 5:00 p.m.**
**Selected Papers 25**
DeTonti Suite

**Title:** Times of Change and Innovation
**Moderator:** Carl Dillon, University of Kentucky

3:20 **An Inter-Sector Impact of Hurricane Katrina on the Agribusiness Industry in Mississippi**
Albert Myles, Albert J. Allen, Saleem Shaik, Mississippi State University

3:40 **Cost Sensitivity Analysis on the Optimal Location of Technology Providers in Kentucky**
Jordan Shockley, Sayed Saghaian, Carl Dillon, University of Kentucky

4:00 **Dynamics of Land-Use Change in North Alabama: Implications of New Residential Development**
James Bukenya, Alabama A&M University

4:20 **Long Term Financial Impacts of Drought Management Systems**
Greg Kaase, Steven Klose, Mac Young, Texas A&M University

4:40 **Reinforcing Agriculture Course Content: Lectures on Demand**
Joey Mehlhorn, Craig Darroch, Timothy Burcham, Barbara Darroch, University of Tennessee

**Tuesday 3:20 p.m. - 5:00 p.m.**
**Selected Papers 26**
Oakleigh Suite

**Title:** International Trade in Crops
**Moderator:** Osei Yeboah, North Carolina A&T University

3:20 **An Assessment of the Global Soybean Industry: An Application of Stochastic Equilibrium Displacement Model**
Rafael Costa, Yan Xia, C. Parr Rosson, Texas A&M University

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

4:00 **Market Integration in the North American Onion Markets: An Empirical Analysis Using Panel Data**
Dwi Susanto, C. Parr Rosson, Flynn J. Adcock, Texas A&M University
**AGRICULTURAL ECONOMICS**

4:20 Tanzanian Cotton Sector and Doha Round: A CGE Model Approach  
Lorea Barron, Vicente Pinilla, University of Zaragoza

4:40 Testing the Market Integration in the Regional Melon and Cantaloupe Markets between the U.S. and Mexico  
Yan Xia, Dwi Susanto, C. Parr Rosson, Texas A&M University

Tuesday 3:20 p.m. - 5:00 p.m.  
**Organized Symposium 7**  
Dauphin Suite

**Title:** What Do Southern Agricultural Producers Want in the 2007 Farm Bill?  
Organizer: James L. Novak, Auburn University, Bradley D. Lubben, U. of Nebraska-Lincoln  
Moderator: Nick Piggott, North Carolina State University

Presenters:
1. Southern Representation in the 2007 Farm Bill Survey and Project Overview  
   James Novak, Auburn University
2. Southern Commodity and Trade Results of the 2007 Farm Bill Producer Survey  
   Nathan Smith, University of Georgia
3. Southern Conservation Issues Raised for the 2007 Farm Bill  
   Michele Marra, North Carolina State University
4. Southern Rural Development, Research and Extension Issues for the 2007 Farm Bill  
   Rodney Clouser, University of Florida

5:00 JAAE Editorial Council Meeting  
Dauphin Suite

7:00 SAEA Reception  
Gulf Coast Exploreum Science Center  
65 Government Street, Mobile  
Exhibit space “Minds on Hall” (across from Riverview Plaza Hotel)
8:00 a.m.
Graduate Student Breakfast
Meeting Room 105 A & B, CC

9:00 a.m.
Joint Agricultural Education and Agricultural
Church Suite, RP

Communications Vespers Service
Conducted by Clemson University Agricultural
Education

10:00 a.m.
Opening Session
Meeting Room 201D, CC

Presiding: Tom Dobbins, Clemson University
Remarks: Jim Dyer, Southern Region Vice-
President, AAAE
Antoine Alston, SAAS Division Vice-
President (Outstanding Paper Selection)
Donnie King, Research Meetings
Chanda Elbert, Poster Chair

10:30 a.m.
Integrated Public School Curriculum

Session A:
Meeting Room 201C, CC

Discussant – Carrie Fritz

Elementary Teachers’ Attitudes and Stages of
Concern About an Agricultural Literacy Curriculum;
Jim Dyer, Kim Bellah, University of Florida

Effects of Creative Problem Solving Instruction Upon
6th Grade Students’ Performance on a Standardized
Creativity Measure; Matt Baker, Zana Mathis, Kim
Dooley, James Smith, Julie Harlin, Alon Kyashn, Texas Tech

Integrating Science in the Agriculture Curriculum:
Agriculture Teacher Perceptions of the Opportunities,
Barriers, and Impact on Student Enrollment; Brian
Myers, Shannon G. Washborn, University of Florida

Session B:
Concerns of Secondary Agriculture Programs
Meeting Room 201D, CC

Discussant – Gary Biers

12:00 p.m.
Lunch (On Your Own)

1:15 p.m.
AAAE Regional Committee Meetings

Professional Development Committee*
Oakleigh Suite, RP

Chair: John Ricketts, University of Georgia
Members: Carrie Fritz, University of Tennessee
Jay Morgan, Murray State
Nicole Stedman, Texas A&M

Program Improvement Committee*
Meeting Room 201C, CC

Co-Chairs: Chanda Elbert, Texas A&M
Dennis Duncan, University of Georgia
Members: Jason Peake, University of Georgia
Kathleen Kelsey, Oklahoma State University
AGRICULTURAL EDUCATION

Research Committee*
Meeting Room 201D, CC

Chair: Mark Kistler, University of Florida
Members: Todd Brashears, Texas Tech
          Grady Roberts, Texas A&M
          Barry Boyd, Texas A&M
          Tracy Kitchel, University of Kentucky
          Scott Burnis, Texas Tech

Member Services Committee*
Church Suite, RP

Chair: Tracy Rutherford, Texas A&M
Members: Chad Davis, Texas Tech
          Adam Kantrovich, Morehead State
          Jerry Gibson, Virginia Tech
          Kim Dooley, Texas A&M

2:30 p.m.
SAAS Board of Directors Meeting
West Ballroom, CC
(Tom Dobbins/Antoine Alston/Randol Waters)

2:30 p.m.
Break

2:30 p.m.
Research Posters – Innovative Ideas Posters
Prefunction/Upper Concourse, CC
Sessions Running Concurrently
Chair: Chanda Elbert, Texas A&M University

3:30 p.m. - 5:00 p.m.
SAAS General Session
Immigration Policy
East Ballroom, CC

5:00 p.m.
SAAS Reception/Super Bowl Party
East/West Ballroom, CC
Business Meeting at Halftime

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Monday, February 5

7:30 a.m.
Registration
Clemson University Ag Education
Concourse Lobby Area, CC

Session D:
Career Development and the FFA
Meeting Room 201C, CC
Discussant – Brian Parr

AGRICULTURAL EDUCATION

Student Perceptions of Preparation for and the Benefit of FFA Career Development Events on Future Employment in the Field of Agriculture; Rusty Miller, NC A&T; Ryan Anderson, Murray State; Marshal Swafford, Lindsay High School; Andy Seibel, Virginia Tech

The Relationship Between Student Demographic Variables and Performance in a National FFA Career Development Event; John Rayfield, NCSU; Steve Fraze, Todd Brashears, Chad Davis, David Lawver, Texas Tech

Student Perceptions of Preparation for the Benefit of FFA Career Development Events and Classroom Preparation at the State Level; Rusy Miller, NC A&T; Ryan Anderson, Murray State; Marshal Swafford, Lindsay High School; Andy Seibel, Virginia Tech

Session E:
Collegiate Programs in Agriculture
Meeting Room 201D, CC
Discussant – TBA

Defining Doctoral Study in Agricultural Education – 2010: The Perspective of Active Scholars in the United States; Glen Shinn, Gary E. Briers, Texas A&M; Matt Baker, Texas Tech

An Assessment of Academic Advising in Dale Bumpers College of Agricultural, Food and Life Sciences; Margo Hale, Donna Graham, Donald Johnson, University of Arkansas

Demonstrating Professionalism as a University Faculty Member in Agricultural Education: A Delphi Study; Kirk Swortzel, Jacquelyn Deeds, Jason Rogers, Mississippi State

Session F:
Secondary Programs
Meeting Room 204 B, CC
Discussant – George Wardlow

The Effects of the Tobacco Buyout Program on the Agricultural Education Curriculum, Students’ Involvement in SAE/FFA Projects and Communities in Three Counties of a Southern State: A Delphi Study; Tera Bunch, Carrie Fritz, University of Tennessee

Effects of an Introductory Agricultural Education Course on the Agricultural Literacy and Perceptions of Agriculture of Urban Students; Elizabeth Wilson, Jodi Riedel, Jim Flowers, Gary Moore, NC State University
AGRICULTURAL EDUCATION

Does a Math-Enhanced Curriculum and Instructional Approach Diminish Students’ Attainment of Technical Competence? A Year Long Study in Agricultural Power and Technology; Brent Young, North Dakota State University, Craig Edwards, James Leising, Oklahoma State

10:00 a.m.
Break
(Refreshment Break)

10:30 a.m.
Concurrent Research Session III

Session G:
Cooperative Extension & 4-H
Meeting Room 201 C, CC
Discussant – Rick Rudd

Factors Influencing Job Satisfaction of Extension Agents in a Southern State Extension Service; Kirk Swortzel, Mississippi State University

Fundraising: 4-H Foundation Executive Directors’ Perceptions; Brad Davis, Texas Coop Extension; Barry Boyd, T. Andy Vestal, Texas A&M; Cindy Akers, Norman Hopper, Chad Davis, Steve Fraze, Texas Tech

Perceptions of Important Competencies for Early-Career and Established 4-H Agents; Amy Harder, Kim Dooley, Texas A&M

Session H:
Early Professional Experiences
Meeting Room 201 D, CC
Discussant – Jim Dyer

Professional Roles and Responsibilities of Induction Teachers: An Assessment of Teaching Competencies in First Year Teachers; Scott Burris, Jamie Keller, Texas Tech

Beginning Agricultural Education Teachers Perceived Level of Preparation and Mentorship Identification; Robin Peiter, University of Kentucky; Jay A. Morgan, Murray State

Developing Skills for the Future: Graduates; Perceptions of Career Skill Preparedness and Importance After a Four-Year Undergraduate Program; Tracy Rutherford, Nicole Stedman, Summer Felton, Gray Wingenbach, Julie Harbin, Texas A&M

AGRICULTURAL EDUCATION

Session I:
Leadership
Meeting Room 204 B, CC
Discussant – TBA

College of Agriculture Academic Program Leaders (Deans) Perception of Leadership Skills Importance and Self-Perceived Proficiency; David Jones, Rick Rudd, Virginia Poly SU

Are College of Agriculture Academia Program Leaders (Deans) Leadership Styles Transactional, Transformational or Laissey-Faire; David Jones, North Carolina State University; Ricky Rudd, Virginia Poly SU

The Leadership Skills Sought By Employers of College of Agriculture Graduates; Shane Robinson, University of Kentucky; Bryan L. Garton, Rob Terry, Jr., University of Arkansas

12:00 p.m.
Conference Luncheon
Meeting Room 106 A, CC

Presiding:  Tom Dobbins, Southern Region AAAE
            President
Moment of Silence
Memorial Recognitions
Graduate Student Recognitions
Speaker:  Distinguished Mystery Lecturer

1:30 p.m.
AAAE-SRC Business Meeting
Meeting Room 106B, CC
Presiding:  Jim Dyer, University of Florida, Southern Region AAAE Vice-President
Remarks:  TBA

2:45 p.m.
Break
(Refreshment Break)

3:15 p.m.
TBA

4:45 p.m.
Professional Development Seminar
Meeting Room 204B, CC
AGRICULTURAL EDUCATION

5:30 p.m.
Awards Dinner
West Ballroom, CC

Presiding: Jim Dyer, University of Florida, Southern Region AAAE Vice-President
Tom Dobbins, Clemson University, SAAS Agricultural Education Division President and Conference Chair

S-AAAE Conference Adjourns after Dinner

Tuesday, February 6

7:30 a.m.
SAAS Board of Directors Meeting
Dauphin Suite, RP
(Tom Dobbins/Antoine Alston/Randol Waters)

AMERICAN SOCIETY OF AGRONOMY

Sunday, 4 February 2007

Registration
Mobile Convention Center, Concourse Lobby Area
12:00–5:00 PM

Posters—Crops
Mobile Convention Center, Prefunction/Upper Concourse
Authors Present 3:00 PM–6:00 PM

1 DNA Content of Florida Paspalum Accessions. B.L. Burson*, USDA-ARS

2 Effect of irrigation and intense shade on alley-cropped tall fescue herbage productivity. David Burner* and David P. Belesky, USDA-ARS

3 Composted Cattle Manure Affects Corn Yield and Soil Properties. Kent Gallaher1, Bethany Dru Stevens*1 and Raymond Gallaher2, (1)Agricultural and Environmental Sciences, Abilene Christian University, (2)Agronomy Department, Institute of Food and Agricultural Sciences, University of Florida

4 Agronomic Performance of Dallisgrass Tissue Culture Regenerants. B.C. Venuto*1, W.D. Pitman2, R.W. Jessup1, B.L. Burson1, K. Renganayaki3 and S.S. Croughan2, (1)USDA-ARS, (2)LSU Ag Center, (3)Department of Soil & Crop Sciences, Texas A&M University

5 Arkansas Wheat Research Verification Program. Matt Cordell*, Jack Reaper, III and Jason Kelley, University of Arkansas

6 Peanut Response to Late-Season Glyphosate Applications. Timothy Grey* and Eric P. Prostko, Univ of Georgia

7 Bioprospecting of American mayapple. Valtcho D. Zhejlazkov*, Mississippi State, Rita Moraes, National Center for Natural Products Research, School of Pharmacy, The University of Mississippi, Victor L. Maddox, Mississippi State University, GeoResources Institute and Andrew Maxwell Phineas Jones, Mississippi State, North Mississippi Res. & Ext. Center

8 Lemon grass as a new essential oil crop for Mississippi. Valtcho D. Zhejlazkov*, Mississippi State
9 Influence of Desiccants and Timing of Desiccant Applications on Sorghum Grain Development and Yield. Henry J. Mascagni*, Bill Williams and Robert Bell, LSU AgCenter Northeast Research Station

10 Effect of Polymers and Fungicide on Seeding Emergence at Two Planting Depths in Three Soil Types. Udai. R. Bishnoi* and Gaganpreet Kaur, Alabama A & M University

11 Evaluation of critical shattering time of soybean varieties under early production system. Lingxiao Zhang*, Stephen Kyei-Boahen1 and Bernie White2, (1)Mississippi State University, (2)Mississippi State University

Posters—Soils
Mobile Convention Center, Prefunction/Upper Concourse
Authors Present 3:00 PM–6:00 PM

12 Denitrifier Ecology in Fragipan Soils of Kentucky. Tingting Wu* and Mark Coyne, Department of Plant and Soil Sciences, University of Kentucky

13 Evaluation of Nitrogen Transformations in Constructed Wetlands. Hyun Woo Kim*, Department of Environmental Sciences

Graduate Student Poster Competition—Crops
Mobile Convention Center, Prefunction/Upper Concourse
Authors Present 3:00 PM–6:00 PM

14 Cover Crops for Weed Management in Organic Production Systems. Gurudev Mayalagu*, Rao Mentreddy1, Jan Garrett2, Arnold Caylor2 and Joseph Kloepfer2, (1)Alabama A&M University, (2)Auburn University


16 Impact of Tillage, Raised Seedbeds, and Fungicides for Soybean Production in Mississippi. J. B. Blessitt*, D.H. Poston, T.W. Eubank and R.T. Coleman, Mississippi State University-Delta Research and Extension Center

17 Foliar applications of glycine betaine improves soybean yield under rain-fed conditions in the Midsouth. David Brand*, Sailaja Koti1 and K.Raja Reddy1, (1)Mississippi State University, (2)Mississippi State University

18 Effects Of Nitrogen Deficiency On Plant Growth, Leaf Photosynthesis, Hyper Spectral Reflectance Properties In Castor (Ricinus Communis). Satya Sai Kumar Matcha*, Mississippi State University and K. Raja Reddy, Mississippi State Univ

19 Screening cowpea cultivars to multiple abiotic stresses. Shardendu Kumar Singh1, Vijaya G. Kakani2, Giridara Kumar Surabhi1 and K.Raja Reddy2, (1)Mississippi State Univ., (2)Univ. of Florida-Agronomy Dept, (3)Mississippi State University

Graduate Student Poster Competition—Soils
Mobile Convention Center, Prefunction/Upper Concourse
Authors Present 3:00 PM–6:00 PM

20 Fertilizer Value of Densified Broiler Litter. L.E. Sturgeon*, C.W. Wood1, J.P. Fulton2 and Brenda H. Wood1, (1)Auburn University, (2)Auburn Univ.

21 Decomposition and Nutrient Release of Cover Crops on Different Landscape Positions. Catherine N. Gacengo*, C. Wesley Wood1, Joey N. Shaw1, Kipling Balkcom2, Andrew J. Price2, Randy L. Raper2 and Brenda H. Wood1, (1)Auburn University, (2)USDA-ARS

22 Hydromorphology of some Alabama Coastal Plain Soils. Richard Smith1, J. Shaw1, J. Owen1, J. Dane1, J. Odom1 and Paul Martin2, (1)Auburn University, (2)NRCS

23 Management dependent soil properties of cultivated versus non-cultivated SE Coastal Plain ecosystems. Matthew R. Levi1, Joey N. Shaw2, Wes Wood1, Sharon M. Hermann3 and Emily Carter4, (1)Agronomy and Soils Department, (2)Auburn Univ., (3)Auburn University Biological Sciences Department, (4)USDA, Forest Service
Effects of Conservation Tillage and Poultry Litter Application on Soil Carbon Dioxide Efflux. Tiffany Roberson*, Ermson Nyakatawa¹, Chandra Reddy¹, Randy L. Raper² and D. Wayne Reeves², (1)Alabama A&M University, (2)USDA-ARS

Effects of irrigation and fertilizer application on soil microbial biomass and activity in an intensively managed loblolly pine plantation. Reji Mathew*, Yucheng Feng¹, Michele Owsley¹, Lisa Samuelson², Thomas Stokes² and Mark Coleman³, (1)Agronomy and soils, Department, Auburn University, (2)Department of Forest Sciences, Auburn University, (3)Southern Research Station

Evaluating Ionophore Supplementation in Two Winter Grazing Systems. Mary Maddox*, Cheryl Mackowiak², J. N. Carter¹, R. O. Myer¹ and Donald Graetz³, (1)Univ. of Florida, North Florida Research and Education Center, (2)Univ. of Florida, NFREC, (3)Univ. of Florida,106 Newell

Impact of winter cover crop biomass removal on soil properties and cotton yield. Fernando Ducamp¹, Francisco Arriaga², Kipling Balkcom² and Charles Mitchell², (1)Auburn University, (2)USDA-ARS, (3)Dept. of Agronomy & Soils

Management practices and landscape variability effects on selected soil physical properties. Andre Biscaro*, Francisco Arriaga², Kipling Balkcom², Joey Shaw³ and Jason Bergtold², (1)Auburn University, (2)USDA-ARS, (3)Agronomy and Soils Department

Fertilizer Value of Waste Char from Poultry Litter Gasification. J.H. Roberts*, C.W. Wood¹, David Bransby², and Brenda H. Wood³, (1)Auburn University, (2)Dept of Agronomy & Soils, (3)Auburn University

SAAS Opening Session
Mobile Convention Center, West Ballroom
3:30 PM–5:00 PM
Topic: Immigration Policies and their Impact on Southern Agriculture and Agribusiness

SAAS Super Bowl Party/Reception
Mobile Convention Center, East Ballroom
Sponsored by Southern Farm Bureau Life Insurance Co. Jackson, Mississippi and Affiliates
5:00 pm - 6:00 pm Social Hour
6:00 pm - 9:00 pm Reception

AGRONOMY
Monday, 5 February 2007
Graduate Student Oral Competition—Crops
Mobile Convention Center, Room 203B
7:55 AM–9:45 AM
Presiding: Kipling S. Balkcom, USDA-ARS

7:55 AM Introductory Remarks
8:00 AM Bioavailability of Mercury in Soil, and its Effects on Plant Structure and Reflectance. Safwan M. Shiyab*, Institute for Clean Energy Technology - Mississippi State University
8:15 AM Turf Quality and Root Length Density of Hybrid Bluegrass and Tall Fescue Influenced by Et-Based Irrigation Scheduling. Leonard Githinji*, Jacob Dane and Robert Walker, Auburn University
8:30 AM Evaluation of Polymer-Coated Urea as an Alternative to Preflood Urea for Delayed-Flood Rice. Bobby Golden¹, Nathan Slaton², Russell DeLong² and Richard Norman², (1) University of Arkansas, (2)Univ. of Arkansas
8:45 AM Factors Affecting the Growth and Secondary Metabolism of Medicinal Plants. Andrew Maxwell Phineas Jones*, Mississippi State, North Mississippi Res. & Ext. Center and Valtcho D. Zheljazkov, Mississippi State
9:00 AM Oilseed Crops as Potential Biodiesel Crops for Mississippi. Shankar Ganapathi Shanmugam*, Mississippi State, North Mississippi Res. & Ext. Center and Valtcho D. Zheljazkov, Mississippi State
9:15 AM Searching for photosynthetic and fluorescence variability among cowpea cultivars to water stress. Shardendu Kumar Singh*, Mississippi State Univ. and K.Raja Reddy, Mississippi State University
9:45 AM Break
AGRONOMY

Graduate Student Oral Competition—Soils
Mobile Convention Center, Room 203B
10:10 AM–11:45 AM
Presiding: Francisco J. Arriaga, USDA-ARS

10:10 AM Introductory Remarks
10:15 AM Nitrogen source effects on ammonia volatilization from fertilizers applied to turfgrass. Ellen C. Knight*, Auburn University Department of Agronomy and Soils, C.W. Wood, Auburn University and Elizabeth Guertal, Auburn Univ.-Agron.& Soils Dept.


10:45 AM Evaluation of spatial patterns in yield reduction of a Florida citrus grove. Kirandeep Mann*, Univ. of Florida and Arnold Schumann, Univ. of Florida-CREC

11:00 AM Vegetation and Soil Depth Affect Phenol Oxidase Activity in a Model Riparian Site. Bunjirulukt Jintaridth, Mark S. Coyne and Steve Workman, (1)Departments of Plant and Soil Science, (2)Departments of Biosystems and Agricultural Engineering


11:45 AM Lunch

Crops—Specialty Crops
Mobile Convention Center, Room 203B
12:55 PM–2:15 PM
Presiding: Nathan A. Slaton, Univ. of Arkansas

12:55 PM Introductory Remarks
1:00 PM Chlorophyll Studies in Date Palm (Phoenix dactylifera L.). Humphrey A. Esechie* and Abdullah Al-Falahi, Sultan Qaboos University


1:30 PM Sunflowers as an Oil Seed Crop for Biodiesel Production in Mississippi. Valtcho D. Zheljazkov*, Mississippi State, Brian Baldwin, Dep. of Plant & Soil Sciences, M. W. Ebelhar, Delta Research & Extension Center, Normie Buehring, North Mississippi Research and Ext Center and Christine Coker, Coastal Research and Extension Center, Biloxi, MS 39532

1:45 PM Herbs as Potential High-value Crops for Mississippi. Valtcho D. Zheljazkov*, Mississippi State, Christine Coker, Coastal Research and Extension Center, Biloxi, MS 39532, William Evans, Mississippi State Univ and M. W. Ebelhar, Delta Research & Extension Center

2:00 PM Can crops be used to remediate excess phosphorus?. Shivendra Sahi*, Daniel Starnes, Pradyut Paul, Priya Padmanabhan, Nilesh Sharma and Kenneth Sajwan, (1)Western Kentucky U. Biology Dept., (2)Western Kentucky University, (3)Savanah State University

2:15 PM Break

Soils—Environmental
Mobile Convention Center, Room 203B
2:40 PM–3:45 PM
Presiding: C. Wesley Wood, Auburn University

2:40 PM Introductory Remarks
2:45 PM Effect of phosphate amendments on leaching of Pb in selected shooting range soils. Abiye O. Fayiga*, Uttam Saha and Lena Ma, University of Florida

3:00 PM Nitrogen and Carbon Mineralization from Poultry Litter Bricks. Brenda H. Wood*, C.W. Wood and L.E. Sturgeon, Auburn University
Nitrogen and phosphorus runoff losses from variable and constant intensity rainfall simulations on Loamy Sand under conventional and strip tillage systems. Dorcas Franklin*, Clinton Truman², David Bosch³, Thomas Potter⁴ and Timothy Strickland⁵, (1)USDA-ARS, (2)Southeast Watershed Res. Lab., (3)USDA-ARS-SEWRL, (4)USDA ARS

Persistence of an Insecticide Used in Dip Treatment of Japanese beetle Grubs in Nursery Soils. Sam O. Dennis* and Jason Oliver, Tennessee State University

Southern Branch-ASA Business Meeting
Mobile Convention Center, Room 203B
3:45 PM–4:45 PM

Presiding: John P. Beasley, Jr., Univ. of Georgia

Tuesday, 6 February 2007

Crops—Field Crops
Mobile Convention Center, Room 203B
8:25 AM–10:00 AM

Presiding: M. Wayne Ebelhar, Mississippi State Univ.

8:25 AM Introductory Remarks

8:30 AM Influence of Seeding Rate on Grain Yield and Milling Yield of Five Rice Cultivars in Arkansas. Stewart Runsick, C.E. Wilson Jr., D.L. Frizzell and J. Hill, Univ. of Arkansas

8:45 AM Four-year Summary of Cotton Production with Varying Nitrogen Rates and Mepiquat Pentaborate in the Mississippi Delta. M. W. Ebelhar*, Delta Research & Extension Center and Davis R. Clark, Delta Research and Extension Center

9:00 AM On-Farm Evaluation of Seeding Rates and Nitrogen Rates for Twin-row Corn. M. W. Ebelhar*, Delta Research & Extension Center, Jerry Singleton, Mississippi State University - Extension Service and Davis R. Clark, Delta Research and Extension Center

9:15 AM Evaluation of seeding rates on soybean. P.J. Wiatrak*, Clemson Univ. / Edisto REC

9:30 AM Cultivar and nitrogen interaction on growth, and yield of cotton. David Brand* and K.Raja Reddy, Mississippi State University

9:45 AM Seedling growth and biomass accumulation of sugarcane at varying soil organic matter levels. Ike Ezenwa*, Peter Newman¹ and Aloysio Guimaraes Jr.², (1)UF/IFAS SW Florida Res. Educ. Ctr., (2)Faculdade de Ciencias Agronomicas

10:00 AM Break

Crops—Grasses
Mobile Convention Center, Room 203B
10:25 AM–11:30 AM

Presiding: Andrew J. Price, USDA-ARS

10:25 AM Introductory Remarks

10:30 AM Comparison of Annual and Perennial Ryegrass In Overseeded Bermudagrass Turf. Lloyd Nelson* and Jimmy Crowder, Texas A & M University

10:45 AM Seed Production Potential of Switchgrass in the Southeast USA. David Lang* and Vitalis Temu, Mississippi State Univ.

11:00 AM Emergence and seedling weight of annual ryegrass when mixed with commercial fertilizer before planting. Gerald Evers* and Peggy Parsons, Texas Agricultural Experiment Station

11:15 AM Molecular diversity among wild Saccharum spontaneum clones and the proportion of wild germplasm represented in the commercial gene pool. Suman Andru* and Collins A Kimbeng, Louisiana State University

11:30 AM Adjourn
Southern Section
AMERICAN SOCIETY OF ANIMAL SCIENCE
ANNUAL MEETING

February 3-6, 2007 - Mobile, Alabama

In conjunction with the 104th
Annual Convention of the Southern Association
of Agricultural Scientists

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ANIMAL SCIENCE

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Undergraduate Paper Competition

Graduate Student Awards Competition

PROGRAM EVENTS

Friday, February 2
Academic Quadrathlon (AQ)
9:00 pm Advisor’s Meeting
Auburn, AL

Saturday, February 3
AQ Lab Practicum
Auburn, AL
7:00 am - Noon

AQ Written Exam
Auburn, AL
1:00 pm - 5:00 pm

Sunday, February 4
AQ Oral Presentations
Convention Center
6:30 am – noon

AQ Quiz Bowl
Convention Center
8:00 am – 1:00 pm

AQ Presentation
Meeting Room 204A
8:00 am – noon

AQ Quiz Bowl Championship
Convention Center
8:00 am – 4:00 pm

Registration
Convention Center
11:00 am – 3:30 pm

Concourse Lobby Area
Information Exchange Groups:
IEG-72 Enhancing Reproduction in Cattle
Scott Whisnant, President Convention Center
1:00 pm - 4:00 pm Meeting Room 204 B

Southern Extension Research Activity (SERA), Beef Cattle
Production Utilizing Forages in the Southeast
Wayne Greene, Chair Convention Center
1:00 pm – 4:00 pm Meeting Room 203B

IEG - Small Ruminant Production
Steve Hart, Chair Convention Center
1:00 pm - 4:00 pm Meeting Room 203 A

ARPAS Exam
2:00 pm - 4:00 pm Admin Conference Room - SMG

SAAS Opening Session Convention Center
3:30 pm - 5:00 pm West Ballroom

The Southern Agricultural Economics Association has agreed to handle the Opening Session on Immigration Policy. The Immigration Policy session includes nationally recognized scholars to address timely issues with regards to immigration, proposed policy changes (or recently implemented ones, depending on actions taken by the government in coming months) and their impact on southern agriculture and agribusiness.

SAAS Super Bowl Party/Reception Convention Center
5:00 pm – 6:00 pm East Ballroom
6:00 pm Social Hour
Reception

ASAS Southern Section Executive Committee Convention Center
5:00 pm - 6:00 pm Meeting Room 204B

Small Ruminant Subcommittee of the NAGP
Michael Brown, Chair Riverview Plaza
7:00 pm – 9:00 pm Mobile Ballroom I

Monday, February 5
Registration Convention Center
7:30 am - Noon Concourse Lobby Area
**Monday, February 5**

**SYMPOSIA AND ORAL SESSIONS**

**Graduate Student Competition**
Chair: Steve Schmidt, Auburn University
Convention Center – Meeting Room 107 A

*8:15 AM 27*
**Sensory traits of beef patties treated with rosemary oleoresin and oregano essential oil to improve safety.**
M. Tittor*, J. C. Brooks, M. T. Brashears, M. F. Miller, and M. M. Brashears, Texas Tech University, Lubbock.

*8:30 AM 28*
**Development of an automatic, indwelling rectal temperature probe for cattle research.**

*8:45 AM 29*
**Effects of body condition, somatotropin, and prolactin promoter gene polymorphisms on concentrations of prolactin, follicle size, and calving rates of postpartum Brahman-influenced cows.**
R. Flores*1, M. L. Looper2, S. T. Reiter1, and C. F. Rosenkrans, Jr.1, 1University of Arkansas, Fayetteville, 2USDA-ARS, Dale Bumpers Small Farms Research Center, Booneville, AR.

*9:00 AM 30*
**Identification of single nucleotide polymorphisms within the promoter region of the bovine heat shock protein 70 gene and associations with pregnancy.**
A. Banks*1, M. Loope2, S. Reiter1, L. Starkey1, R. Flores1, D. Halford3, and C. Rosenkrans, Jr.1, 1University of Arkansas, Fayetteville, 2USDA-ARS, Booneville, AR, 3New Mexico State University, Las Cruces.

*9:15 AM 31*
**Effects of PGF2α and 15-Keto PGF2α on leptin and PGF receptor gene expression in adipose tissue at estrus and the mid-luteal stage of the estrous cycle.**
E. Gonzales*1, C. O’Gorman1, K. Collard1, Y. Matsumoto1, D. Keisler2, R. Stanko1,2, and M. Garcia1, 1Texas A&M University, Kingsville, 2Texas A&M University Agricultural Research Station, Beeville, TX, 3University of Missouri, Columbia.

*9:30 AM 32*
**Fetal exposure to maternal stress influences leptin receptor gene expression during development and age at puberty in gilts.**
C. W. O’Gorman*1, E. Gonzales1, M. D. Eaton1, K. A. Collard1, M. Reyna1, J. C. Laurenz1, R. L. Stanko2,1, D. H. Keisler3, J. A. Carroll4, and M. R. Garcia1, 1Texas A&M University, Kingsville, 2Texas A&M University Agricultural Research Station, Beeville, TX, 3University of Missouri, Columbia, 4USDA-ARS Lubbock, Lubbock, TX.

*9:45 AM 33*
**Temporal pattern of the stress hormone and cytokine response in pigs following a lipopolysaccharide (LPS) challenge.**
P. N. Williams*1, J. A. Carroll2, T. H. Welsh, Jr.3, and J. C. Laurenz1, 1Texas A&M University, Kingsville, 2USDA-ARS, Livestock Issues Research Unit, Lubbock, TX, 3Texas A&M University, College Station.

*10:00 AM 34*
**Effect of temperament on passive immunity, cortisol concentrations, and early growth in the calf.**
N. C. Burdick*1, R. D. Randel1, J. P. Banta2, D. Neuendorff2, J. C. White2, T. H. Welsh, Jr.3, R. C. Vann4, and J. C. Laurenz1, 1Texas A&M University, Kingsville, 2Texas A&M University Agricultural Research and Extension Center, Overton, TX, 3Texas A&M University, College Station, 4Mississippi State University, Raymond.
10:30 AM 35
Sequence of the goat urea transporter, UT-B and its expression in the rumen, kidney, intestine, and liver. J. Hicks*, G. Huntington, J. Erichsen, and H. C. Liu, North Carolina State University, Raleigh.

10:45 AM 36
Assessment of oxidative stress markers in heifers grazing endophyte-infected tall fescue. N. Burke*1, G. Scaglia2, D. Blodgett3, K. Saker4, O. Abaye5, and W. Swecker, Jr.1. 1Virginia-Maryland Regional College of Veterinary Medicine, Blacksburg, VA; 2Virginia Tech, Blacksburg.

11:00 AM 37
Effects of timing of weaning in a fall-calving system on performance of beef cows and their progeny. M. D. Hudson*, J. P. Banta, D. S. Buchanan, and D. L. Lalman, Oklahoma State University, Stillwater.

11:15 AM 38

11:30 AM 39

1:00 PM 94
Interaction between high protein supplement and copper oxide wire particles to control gastrointestinal nematodes in growing goats. J. M. Burke*1, J. E. Miller2, and T. H. Terrill3, 1USDA, Agricultural Research Service, Booneville, AR, 2Louisiana State University, Baton Rouge, 3Fort Valley State University, Fort Valley, GA.

1:15 PM 95
Low dose titration of copper oxide wire particles for control of gastrointestinal nematodes in weaned kids. J. M. Burke*1, J. E. Miller2, and T. H. Terrill3, 1USDA, Agricultural Research Service, Booneville, AR, 2Louisiana State University, Baton Rouge, 3Fort Valley State University, Fort Valley, GA, 4Tennessee Valley Experiment Station, Knoxville, TN.

1:30 PM 96
Interaction between copper oxide wire particles and grazing sericea lespedeza to control gastrointestinal nematodes in goats. J. M. Burke4, J. E. Miller5, T. H. Terrill6, and J. Mosjidis7, 1USDA, Agricultural Research Service, Booneville, AR, 2Louisiana State University, Baton Rouge, 3Fort Valley State University, Fort Valley, GA, 4Auburn University, Auburn, AL.

1:45 PM 97
Field applications of liquid nitrogen fertilizer for controlling gastrointestinal parasites in weaning meat goats. J.-M. Luginbuhl* and H. M. Glennon, North Carolina State University, Raleigh.

2:00 PM 98
Influence of high tannin grain sorghum on gastrointestinal nematode infection (GIN) in goats. N. C. Whitley*, J. E. Miller2, J. M. Burke3, D. Cazac1, R. Subburathinam1, and L. Dykes4, 1University of Maryland Eastern Shore, Princess Anne, MD, 2Louisiana State University, Baton Rouge, 3USDA-ARS-DBSFRC, Booneville, AR, 4Texas A&M University, College Station.

2:15 PM 99
Effect of vaccination of goats with H-11/H-gal-GP antigens from intestinal membrane cells of Haemonchus contortus. D. D. Olcott1, B. M. Weeks1, K. Shaya1, W. D. Smith2, and J. E. Miller*, 1Louisiana State University, Baton Rouge, 2Moreau Research Institute, Edinburgh, Scotland, UK.

2:30 PM 100
Fecal egg counts and packed blood cell volume in periparturient Katahdin and St. Croix hair sheep ewes grazing naturally parasite-infected pasture. S. Wildeus1 and A. M. Zajac2, 1Virginia State University, Petersburg, 2Virginia-Maryland College of Veterinary Medicine, Blacksburg, VA.

2:45 PM 101
Pasture-raised Katahdin and Katahdin crossbred lambs: growth and parasite resistance. N. C. Whitley*, D. J. Jackson1, D. Cazac5, J. E. Miller2, J. M. Burke3, and S. Schoenian4, 1University of Maryland Eastern Shore, Princess Anne, MD, 2Louisiana State University, Baton Rouge, 3USDA-ARS-DBSFRC, Booneville, AR, 4MCE-WMREC, Keeedysville, MD.
Detection of paratuberculosis in dairy cattle via near infrared reflectance spectroscopy of feces. K. Anderson*1, B. Norby2, S. Prince1, G. Ball3, and D. Tolleson4, 1Texas A&M University, College of Agriculture and Life Sciences, College Station, 2Texas A&M University, College of Veterinary Medicine, College Station, 3Nottingham Trent University, Nottingham, England.

Effect of carbohydrate and protein supplements on ruminal in situ disappearance of dry matter and fiber from coastal Bermuda-grass hay in goats. A. P. Foote*1, J. Struthoff1, B. D. Lambert1,2, and J. P. Muir2, 1Tarleton State University, Stephenville, TX, 2Texas Agricultural Experiment Station, Stephenville.


Pubertal development in nanny-fed and synthetic milk-fed crossbred meat goat does. K. A. Collard*, M. S. Torres1, E. Gonzales1, C. W. O’Gorman1, D. H. Keisler2, R. L. Stanko1,2, and M. R. Garcia1, 1Texas A&M University, Kingsville, 2Texas A&M University Agricultural Research Station, Beeville, TX, 3University of Missouri, Columbia.

Break.

Effects of melengestrol acetate on estrous synchronization in goats. B. E. Galbreath*, P. E. Prater, K. E. Peterson, W. T. McVey, and T. J. Wistuba, Morehead State University, Morehead, KY.
ANIMAL SCIENCE

C. Rosales-Nieto¹, J. F. Zuluaga², and R. L. Stanko¹,²
¹Texas A&M University-Kingsville, Kingsville, ²Texas A&M University Agricultural Research Station, Beeville.

2:15 PM 57

2:30 PM
Invited - Follicular development and synchronization of Bos Indicus cattle - Presentation and Discussion. J. Yelich.

3:15 PM Break.

3:30 PM 58
Effects of dietary supplementation with omega-3 fatty acids on indicators of semen quality in boars. M. J. Estienne* and A. F. Harper, Virginia Polytechnic Institute and State University, Blacksburg.

3:45 PM 59
Influence of urocortin on luteinizing hormone (LH) release from porcine pituitary cells. D. J. Jackson¹, R. Subburathinam¹, C. R. Barb², and N. C. Whitley¹, ¹University of Maryland Eastern Shore, Princess Anne, ²USDA–ARS, Athens, GA.

ANIMAL SCIENCE

2:00 PM 73
The effects of limit grazing method on stocker performance of beef calves grazing winter wheat pasture. M. D. Hudson¹*, C. Coffey², D. Childs³, and D. L. Laiman¹, ¹Oklahoma State Univ, Stillwater, ²Noble Foundation, Ardmore, OK.

2:15 PM 74
Use of soybean hulls as a complementary feedstuff for growing cattle on winter rye pasture. K. E. Hales², E. M. Whitley¹, G. W. Horn², and M. D. Childs¹, ¹The Samuel Roberts Noble Foundation, Ardmore, OK, ²Oklahoma Agricultural Experiment Station, Stillwater, OK.

2:30 PM 75
Milk quality in beef cows grazing Coastal and Tifton 85 bermudagrass pastures. V. A. Corriher¹, G. M. Hill¹, T. C. Jenkins², and B. G. Mullinix, Jr.¹, ¹University of Georgia, Tifton, ²Clemson University, Clemson, SC.

2:45 PM 76
Effects of Fermenten® supplementation on Brahman-crossbred heifer development. R. F. Cooke¹,², D. B. Araujo¹,², J. V. Yelich², and J. D. Arthington¹,², ¹University of Florida-IFAS, Range Cattle Research and Education Center, Ona, ²University of Florida-IFAS, Department of Animal Sciences, Gainesville.

3:00 PM Break

3:15 PM 77
Evaluation of Optigen II® as a source of rumen degradable protein for mature beef cows. J. Wahrmund¹, D. de Araujo², M. Hersom¹, and J. D. Arthington², ¹University of Florida, Gainesville, ²University of Florida, Ona.

3:30 PM 78
Evaluation of whole, in-shell peanuts as a supplement feed for beef cows. R. O. Myer¹, G. M. Hill², G. R. Hansen¹, and D. W. Gorbet¹, ¹University of Florida, Marianna, ²University of Georgia, Tifton.

3:45 PM 79
Performance of beef cows fed hay with free-choice whole cottonseed. G. M. Hill¹, M. H. Poore², and B. G. Mullinix¹, ¹University of Georgia, Tifton, ²North Carolina State University, Raleigh.

4:00 PM 80
A field study comparing moxidectin and ivermectin 1% injectables in regard to fecal egg count reductions, weight gains and safety in grazing, stocker cattle. J. G. Powell*, T. A.
Effect of pelleting on anthelmintic efficacy of sericea lespedeza hay against gastrointestinal nematodes of goats. D. A. Moore*1, T. H. Terrill1, S. A. Shaik1, J. E. Miller2, J. M. Burke3, J. P. Muir4, R. Wolfe6, and J. A. Mosjidis5, 1Fort Valley State University, Fort Valley, GA, 2Louisiana State University, Baton Rouge, 3USDA/ARS/DBSFRC, Booneville, AR, 4Texas Agricultural Experiment Station, Stephenville, 5Auburn University, Auburn, AL.

Small Ruminant Production II
Sheep and Goat Nutrition
Chair: Niki Whitley,
University of Maryland, Eastern Shore
Convention Center – Meeting Room 201 C

The effect of feeding a split ration to lactating hair sheep on production traits during the cool season in the tropics. R.W. Godfrey* and R.C. Driscoll, University of the Virgin Islands, Agricultural Experiment Station, Kingshill, VI.

Feedlot performance and digestibility of diets in meat goats supplemented with probiotics. D. Cazac*1, N.C. Whitley1, D.J. Jackson1, and B.J. Rude2, 1University of Maryland Eastern Shore, Princess Anne, MD, 2Mississippi State University, Mississippi State, MS.

Methane emission by goats consuming different sources of condensed tannins. G Animut*1, R Puchala1, A L Goetsch1, A K Patra1, T Sahlu1, V H Varel2, and J Wells2, 1American Institute for Goat Research, Langston University, Langston, OK, 2US Meat Animal Research Center, Clay Center, NE.

Nutritional and breed effects on carcass traits of Katahdin crossbred lambs. D. J. Jackson*1, N.C. Whitley1, J.W. Lemaster2, and S. Schoenian2,3, 1University of Maryland Eastern Shore, Princess Anne, MD, 2Maryland Cooperative Extension, College Park, MD, 3WMREC, Keedysville, MD.

Feeding regime and breed effects on nutritional and sensory characteristics of meat from Katahdin crossbred lambs. D.J. Jackson*, N.C. Whitley, V. Suvanich, and J.G. Schwarz, University of Maryland Eastern Shore, Princess Anne, MD.
Perennial versus annual grasses as supplements for gestating beef cows: 3-yr summary. S. A. Gunter*, P. A. Beck, J. D. Shockey, C. B. Stewart, and J. M. Phillips, Southwest Research & Extension Center, University of Arkansas, Hope.

Intake, digestibility, ruminal parameters, and microbial protein synthesis in crossbred steers fed diets based on grass and sorghum silages. F. H. M. Chizzotti*1,2, O. G. Pereira1, S. C. Valadares Filho1, M. L. Chizzotti1,2, L. O. Tedeschi2, M. I. Leão1, and D. H. Pereira1, 1Universidade Federal de Viçosa, Viçosa, MG, Brazil, 2Texas A&M University, College Station.

Determination of alkane content in fresh fecal samples to estimate intake on pasture. S. W. Coleman, E. J. Bowers*, D. G. Riley, and C. C. Chase, Jr., USDA ARS Subtropical Agricultural Research Station, Brooksville, FL.

Effects of planting date and glyphosate application before planting cool-season annual grasses into warm season grass sod on performance of stocker cattle. P Beck*, S Gunter, M Phillips, and B Stewart, University of Arkansas, Division of Agriculture SWREC, Hope, AR.

Injecting anhydrous ammonia into silages to enhance quality attributes. C. P. Bagley*1, W. D. Becker2, and M. E. McCormick3, 1Texas A&M University-Commerce, 2Texas Cooperative Extension, 3Louisiana Agricultural Experiment Station.

Effects of trace mineral-containing fertilizer application on forage and beef cow performance in Florida. J.D. Arthington*1 and I.V. Ezenwa2, 1University of Florida - IFAS, Range Cattle Research and Education Center, Ona, FL, 2University of Florida - IFAS, Southwest Florida Research and Education Center, Immokalee, FL.

Calpastatin and calpain genetic marker influences on shear force in Brahman steers. D. E. Franke1, D. H. Fischer*1, M. G Thomas2, and T. D. Bidner1, 1LSU Agricultural Center, Baton Rouge, 2New Mexico State University, Las Cruces.

Genomic comparisons of bovine CYP3A28 of Angus, Brahman, and reciprocal crosses and milk characteristics. S. Reiter*1, M. Larson1, R. Okimoto2, M. Brown3, H. Brown, Jr.1, Z. Johnson1, and C. Rosenkrans, Jr., 1University of Arkansas, Fayetteville, 2Cobb-Vantress, Siloam Springs, AR, 3USDA/ARS, El Reno, OK.

Relationship between single nucleotide polymorphisms in the bovine heat shock protein 70 gene and milk characteristics of beef cows. M. Lamb1, R. Okimoto2, M. Brown3, H. Brown, Jr., Z. Johnson1, and C. Rosenkrans, Jr., 1University of Arkansas, Fayetteville, 2Cobb-Vantress, Siloam Springs, AR, 3USDA/ARS, El Reno, OK.
Evaluation of temperament and production traits of beef replacement heifers. S. M. DeRouen* and G. E. Reger, Louisiana State University Agricultural Center, Homer.

9:45 AM 6
Sire effects on liveweight, temperament, and parasite resistance traits in Angus replacement heifers. W. Wyatt*1, J. Miller2, D. Franke2, and D. Blouin2, 1Louisiana State University Agricultural Center, Jeanerette, 2Louisiana State University Agricultural Center, Baton Rouge.

10:00 AM Break.

10:15 AM 7
Comparison of Florida-born, embryo-derived Angus calves sourced from Kansas and Florida herds on measures of performance, disposition, and body temperature from birth to weaning. J. D. Arthington*1, D. G. Riley2, C. C. Chase2, D. O. Rae3, J. L. Griffin4, and S. W. Coleman2, 1University of Florida –IFAS, Range Cattle Research and Education Center, Ona, 2USDA, ARS Subtropical Agricultural Research Station, Brooksville, FL, 3University of Florida, College of Veterinary Medicine, Gainesville, 4Reproductive Technology Intern'l, Plant City, FL.

10:30 AM 8

10:45 AM 9
Preweaning performance of calves from tropically-adapted and temperate sires and Brangus cows managed on two forage systems. M. A. Brown*1 and D. L. Lalman2, 1USDA-ARS, Grazinglands Research Laboratory, El Reno, OK, 2Oklahoma State University, Stillwater.
ANIMAL SCIENCE

9:30 AM 66 Growth and conformation changes in pre-weaning warmblood foals. S. F. Denham* and R. K. Splan, Virginia Polytechnic Institute and State University, Blacksburg.


Ruminant Animal Production II Chair: Gordon Carstens, Texas A&M University
Convention Center – Meeting Room 201 D

8:30 AM 82 Grazing behavior does not explain variation in residual feed intake in Brahman heifers. R. O. Dittmar, III*1, T. D. A. Forbes2, T. H. Welsh, Jr3, and R. D. Randel1, 1Texas Agricultural Experiment Station, Overton, TX, 2Texas Agricultural Experiment Station, Uvalde, TX, 3Texas Agricultural Experiment Station, College Station, TX.

8:45 AM 83 Influence of residual feed intake on digestive kinetics in Brahman heifers. R. O. Dittmar, III*1, T. D. A. Forbes2, T. H. Welsh, Jr3, and R. D. Randel1, 1Texas Agricultural Experiment Station, Overton, TX, 2Texas Agricultural Experiment Station, Uvalde, TX, 3Texas Agricultural Experiment Station, College Station, TX.

9:00 AM 84 Relationships between residual feed intake and dry matter digestibility in growing calves. W. K. Krueger1, G. E. Carstens1, P. A. Lancaster1, E. G. Brown1, L. J. Slay1, and T. D. A. Forbes2, 1Texas A&M University, College Station, 2Texas Agriculture Extension Service, Uvalde.

9:15 AM 85 Use of fecal near-infrared reflectance spectroscopy to predict residual feed intake in growing calves. H. Gutiérrez-Bañuelos1, S. Prince1, D. R. Tolleson1, G. E. Carstens1, T. D. A. Forbes2, F. M. Rouquette2, R. D. Randel, and T. H. Welsh Jr1, 1Texas A & M University, College Station, 2Texas A & M University, Overton, 4Texas A & M University, Uvalde.


9:45 AM 87 Application of real-time ultrasound for predicting carcass attributes in feedlot steers. T. L. Perkins* and A. Rimal, Missouri State University, Springfield.

10:00 AM Break.


10:30 AM 89 Relationships between temperament traits and feed efficiency in growing bulls. B. M. Bourg*1, G. E. Carstens1, Z. Paddock1, L. O. Tedeschi1, and W. Maffei2, 1Texas A&M University, College Station, 2Universidade Federal de Minas Gerais, Belo Horizonte, MG, Brazil.

10:45 AM 90 Energy requirements for maintenance and growth of purebred and crossbred Bos indicus: A meta-analysis evaluation. M. L. Chizzotti*1,2, L. O. Tedeschi2, S. C. Valadares Filho1, P. V. R. Paulino1, F. H. M. Chizzotti1,2, and G. E. Carstens2, 1Universidade Federal de Viçosa, Brazil, 2Texas A&M University, College Station.

11:00 AM 91 Protein requirements for maintenance and growth of purebred and crossbred Bos indicus: A meta-analysis evaluation. M. L. Chizzotti*1,2, L. O. Tedeschi2, S. C. Valadares Filho1, P. D. B. Benedetti1, P. M. Amaral1, and T. I. Rodrigues1, 1Universidade Federal de Viçosa, Brazil, 2Texas A&M University, College Station.


Short term probiotic supplementation of weaned foals. N. C. Whitley, P. R. Ryan, B. J. Rude, D. Cazac, K. W. Nacaise, S. J. Barber, and A. N. Musleswhite. University of Maryland Eastern Shore, Princess Anne, Mississippi State University, Mississippi State.


Use of infrared thermal imaging to quantify dynamic changes in body temperature following lipopolysaccharide (LPS) administration in dairy cattle. S. Willard, S. Dray, R. Farrar, M. McGee, S. Bowers, A. Chromiak, and M. Jones. Mississippi State University, Mississippi State.

The relationship of temperament and body temperature on immunoglobulin response to vaccination in calves. N. C. Burdick, R. C. Vann, S. T. Willard, R. D. Randel, and T. H. Welsh. Texas A&M University, Kingsville, Mississippi State University, Raymond, Texas Agricultural Experiment Station, Overton, Texas Agricultural Experiment Station, College Station.


Fatty acid composition, including CLA’s isomers and cholesterol content of m. longissimus lumborum and m. semimembranosus of Katahdin, Suffolk, Katahdin × Suffolk, and Suffolk × Katahdin lambs. G. Davila El Rassi, V. Banskalieva, R. Albers-Nelson, M. Velasco, M. Brown, and C. Roy. Oklahoma State University, Stillwater, USDA-ARS, Grazinglands Research Laboratory, Reno, OK.

Results of the Arkansas Beef Audit.

14
Self assessment of the Arkansas beef cattle support industries. T. R. Troxel*1, R. Poling1, T. Riley1, and T. Justice2,3, 1University of Arkansas, Little Rock, 2Arkansas Farm Bureau, Little Rock, AR, 3Arkansas Beef Council, Little Rock, AR.

15
Self assessment of Arkansas’ producers with large cow-calf herds. T. R. Troxel1, B. L. Barham*1, R. Poling1, and T. Justice2,3, 1University of Arkansas, Little Rock, 2Arkansas Farm Bureau, Little Rock, AR, 3Arkansas Beef Council, Little Rock, AR.

16
Self assessment of the Arkansas stocker cattle industry. T. R. Troxel1, K. S. Lusby2, J. T. Richeson*1, R. Poling1, and T. Justice3,4, 1University of Arkansas, Little Rock, 2University of Arkansas, Fayetteville, 3Arkansas Farm Bureau, Little Rock, AR, 4Arkansas Beef Council, Little Rock, AR.

17
Self assessment of the Arkansas purebred cattle industry. T. R. Troxel1, M. S. Gadberry*1, J. T. Richeson1, R. Poling1, and T. Justice2,3, 1University of Arkansas, Little Rock, 2Arkansas Farm Bureau, Little Rock, AR, 3Arkansas Beef Council, Little Rock, AR.

2:30 PM
Livestock Extension – Responsiveness Evaluation.

18
Extension response to drought conditions affecting livestock operations. J. Parish*1, J. Rowntree2, J. Anderson1, C. Navarre2, M. Howell1, and S. Seal1, 1Mississippi State University Extension Service, Mississippi State, 2Louisiana State University Agricultural Center, Baton Rouge.

19
Extension disaster preparedness: Lessons from hurricanes Katrina and Rita. J. Rowntree*1, J. Parish2, C. Navarre1, M. Keene2, M. Howell2, L. Newman2, and E. Collum2, 1Louisiana State University Agricultural Center, Baton Rouge, 2Mississippi State University Extension Service, Mississippi State.

3:00 PM
Break.
ANIMAL SCIENCE

Godfrey*, R. E. Dodson, M. C. Vinson, and R. C. Driscoll, University of the Virgin Islands, Agricultural Experiment Station, Kingshill, Virgin Islands.

1:45 PM 109
The effect of adequate or sub-optimal nutrition during anestrous on reproduction in crossbred does. C. Rosales-Nieto*1, J. Gudino1, M. D. Eaton1, K. Collard1, and R. L. Stanko1,2. 1Texas A&M University, Kingsville., 2Texas A&M University Agricultural Research Station, Beeville.

2:00 PM 110
Estrus response and timing of ovulation in estrus synchronized goats and hair sheep treated with a combination of eCG and hCG. S. Wildeus* and J. R. Collins, Virginia State University, Petersburg.

Fertility of bucks in the Langston Buck Performance Test. S. P. Hart* and T. A. Gipson, E (Kika) de la Garza American Institute for Goat Research, Langston University, Langston, OK.

2:30 PM 112
Performance of goat kids grazing fescue alone or with supplement. K. M. Andries*1, J. Bernheart2, and S. Beaufont2. 1Kentucky State University, Frankfort, 2WB Saul Agriculture High School, Philadelphia, PA.

2:45 PM 113
Initiating a pasture-based meat goat performance test in Western Maryland. S. Schoenian*1, J. Semler2, J. Deitz-Band1, W. Lantz3, and M. B. Bennett4. 1University of Maryland Cooperative Extension, Keedysville, MD, 2West Virginia University Cooperative Extension, Martinsburg, WV, 3University of Maryland Cooperative Extension, Boonsboro, MD, 4University of Maryland Cooperative Extension, Mt. Lake Park, MD.

3:00 PM 114
Prewereaning body weights of meat goat kids produced in a three-breed diallel managed on southeastern pastures. R. Browning, Jr.*, B. Donnelly, T. Payton, and M. Byars, IAgER-Tennessee State University, Nashville.

3:15 PM 115
Development of a dairy goat model to study the impact of management strategies on the dynamics of the herd. V. P. Guimarães*1,2, L. O. Tedeschi2, and M. T. Rodrigues1. 1Universidade Federal de Viçosa, Viçosa, Minas Gerais, Brazil, 2Texas A&M University, College Station.
BIOCHEMISTRY

1:30  “Molecular Basis of Insecticide Resistance”  
Nannan Liu, L. Zhang, F. Zhu, Q. Xu and H. Liu, Department of Entomology and Plant Pathology, Auburn University, Auburn, AL 36849.

2:00  “The Nutritional Aspects of the Fatty Acids in Beef, Chevon and Catfish: Three Important Commodities in Alabama”  
Kyle R. Willian, Department of Chemistry, Tuskegee University, Tuskegee, AL 36088.

2:30  “Highly Antibiotic Resistant Bacteria Isolated from a Cattle Farm”  
Kimberly Foster or James E. Champine, Melanie Miller, Julie Rengel and Jennifer Arnold, Department of Biology, Southeast Missouri State University, Cape Girardeau, MO 63701.

3:00  “Evaluation of Kudzu in Phytoremediation of Heavy Metal and its Potential of Positive Utilization in Selected Environments”  
Safaa Al-Hamdani, Department of Biology, Jacksonville State University, 700 Pelham Road North, Jacksonville, AL 36265.

3:30  “Identification of Secreted Proteins of Botrytis cinerea Associated With Growth of Strawberry”  
Maria R. Davis, Hind El Mubarek, Ron Orlando, and Gopi K. Podila, Department of Biological Sciences, University of Alabama in Huntsville, Huntsville, AL and Complex Carbohydrate Research Center, University of Georgia, Athens, GA.

4:00  “Biochemical and Molecular Approaches to Identify Differentially Expressed Genes in Anthracnose - Tolerant Grape Genotype”  
Hemanth KN. Vasanthaiah and Sheikh M. Basha, Center for Viticulture and Small Fruit Research, Florida A&M University, Tallahassee, FL 32317.

4:30  Closing Remarks
HORTICULTURE

5:00 pm - 6:00 pm
Southern Region - ASHS Executive Committee Meeting
Presiding: John Clark
Room: Riverview, Oakleigh Suite

SUNDAY, FEBRUARY 4, 2007

7:00 am - 6:00 pm
Registration
Presiding: Dave Reed
Room: Convention Center, Prefunction/Upper Concourse

8:00 am – 12:00 pm
Set up Posters
Presiding: Christine Coker
Room: Convention Center, Prefunction/Upper Concourse

8:00 am – 12:00 pm
J. Benton Storey Horticulture Judging Contest Setup
Presiding: Kim Pittcock, ACB Advisor
Room: Riverview, De Tonti Suite

8:00 am - 5:00 pm
National Sweet Potato Collaborators
Presiding: Scott Stoddard
Room: Riverview, Mobile Ball Room III

8:00 am - 12:00 pm
Southern Region Small Fruit Consortium
Presiding: Thomas Monaco
Room: Riverview, Blakeley I

8:00 am - 10:00 am
Extension Section
Presiding: John Braswell
Room: Riverview, Oakleigh Suite

8:00 pm - 5:00 pm
Watermelon Research Group
Presiding: Benny Bruton
Room: Riverview, Mobile Ball Room II

8:00 am - 9:30 am
J. B. Edmond Undergraduate Student Paper Competition
Presiding: Monica Robinson, ACB President
Scott NeSmith, SR-ASHS President
Pat Williams, Section Chair & Judging Coordinator
Room: Riverview, Dauphin Suite

9:00 am – 12:00 pm
Vigna Crops Germplasm Committee
Presiding: Richard Fery
Room: Riverview, Mobile Ball Room I

10:00 am – 2:00 pm
Norman F. Childers M.S. Student Paper Competition
Presiding: Penny Perkins-Veazie, President Elect
TBA, Judging Coordinator
Room: Riverview, Dauphin Suite

12:00 noon -6:00 pm
Poster Session Viewing
Room: Convention Center, Prefunction/Upper Concourse

1:00 pm – 5:00 pm
National Cowpea Improvement Association
Presiding: William Evans
Room: Riverview, Mobile Ball Room I

2:00 pm – 3:00 am
Education Section
Presiding: Curt Room
Room: Riverview, Blakely I

3:00 pm – 4:30 pm
Warren S. Barham Ph.D. Student Paper Competition
Presiding: Penny Perkins-Veazie, President-Elect
TBA, Judging Coordinator
Room: Riverview, Dauphin Suite

4:00 pm – 6:00 pm
Poster Session Viewing – Authors at Posters
Presiding: All Authors at all posters
All students in poster competition at posters
Christine Coker, Judging Coordinator
Room: Convention Center, Prefunction/Upper Concourse

3:30 pm – 5:00 pm
SAAS General Session
Presiding: Vance Watson, President, SAAS
Room: Convention Center, West Ballroom
Title/Speaker: Immigration Policy, Speakers TBA
5:00 pm – 6:00 pm
Social (cash bar) and kickoff
Room: Convention Center, East Ballroom

6:00 pm – till
SAAS Reception and Super Bowl Party (big screen TV)
Room: Convention Center, East & West Ballrooms

MONDAY, FEBRUARY 5, 2007

7:00 am – 10:00 am
Registration
Presiding: Dave Reed
Room: Convention Center, Prefunction/Upper Concourse

8:00 pm – 3:00 pm
Poster Session Viewing
Room: Convention Center, Prefunction/Upper Concourse

8:00 am – 10:30 pm
Vegetable Crops Section
Presiding: David Nagel
Room: Riverview, Mobile Ball Room II

8:00 am – 10:45 pm
Fruit Crops Section – Blackberry Production and Marketing
Presiding: Robert Boozer
Room: Riverview, Blakely I

8:00 am – 10:45 am
Floriculture, Ornamentals and Turf Section
Presiding: Gary Wade
Room: Riverview, Church Suite

8:00 am -10:30 am
Postharvest/Biotechnology/Plant Biology Section
Presiding: Angela Davis
Room: Riverview, De Tonti Suite

9:00 am -10:45 am
ACB Business Meeting
Presiding: Monica Robinson, ACB President
Room: Convention Center, Room 107B

11:00 am – 12:30 pm
Annual Business Meeting and Award Program
Presiding: Scott NeSmith, President
Room: Convention Center, Room 107B

1:00 pm – 2:45 pm
Vegetable Crops Section
Presiding: David Nagel
Room: Riverview, Mobile Ball Room II

1:00 pm – 3:45 pm
Fruit Crops Section
Presiding: Robert Boozer
Room: Riverview, Blakely I

3:00 pm – 4:00 pm
Poster Session Take Down

SECTION TITLES

SUNDAY, FEBRUARY 4, 2007

J. B. EDMOND UNDERGRADUATE STUDENT PAPER COMPETITION
Room: Riverview, Dauphin Suite
Presiding: Monica Robinson, President, ACB
Scott NeSmith, President, Southern Region ASHS
Patrick Williams, Section Chair, Judging Coordinator

8:00 am – 9:30 am
Order of presentations determined by drawing at beginning of contest.

Landscaping for Water Quality: Designing a Demonstration Garden for the Friends of Lake Keowee Society Headquarters. David Warren* and Mary Haque, Department of Horticulture, Clemson University, Clemson, SC 29634. (dmwarre@clemson.edu)

Nitrogen Mineralization in Greenhouse Turnips (Brassica campestris L.) Amended with Compost and Organic Fertilizer. Rachel Ben-Avraham*, Danielle Treadwell and Mike Alligood. Department of Horticultural Sciences, University of Florida, Gainesville, FL 33611. (rachba@ufl.edu)

Repellency Effects of Incorporated Worm Castings and Compost Tea Sprays on Whitefly Populations for Poinsettia Production (Euphorbia pulcherrima). Erin Cathcart*, Kris-Ann Kaiser and Pat Williams, Department of Agricultural Sciences, 213 S. Oakley Applied Science, Murray State University, Murray, KY 42071-3345. (erin.cathcart@murraystate.edu)
HORTICULTURE

Shortening Germination Periods for California Poppy (*Eschscholzia californica*) Using Incubated Worm Casting Substrates. William Criner*, Justin Sparks, Kris-Ann Kaiser and Pat Williams, Department of Agricultural Sciences, 213 S. Oakley Applied Science, Murray State University, Murray, KY 42071-3345. (william.criner@murraystate.edu)

Ultrastructure of grape petioles infected with Pierce's Disease. Samantha Clark*1, E. Ann Ellis2, George Ray McEachern1, B. Greg Cobb1, 1Dept. of Horticultural Sciences and 2Dept. of Biology EM Center, Texas A&M University, College Station, TX 77843 (samanthac@tamu.edu)

Production of wine from cactus pear, Chris Brundrett* and B. Greg Cobb, Dept. of Horticultural Sciences, Texas A&M University, College Station, TX 77843. (gocatz2002@tamu.edu)

NORMAN F. CHILDERS M.S. GRADUATE STUDENT PAPER COMPETITION

Room: Riverview, Dauphin Suite
Presiding: Penny Perkins-Veazie, President-Elect, Southern Region ASHS

10:00 am – 11:45 am
Order of presentations determined by drawing at beginning of contest.

11:45 am – 12:00 pm
Break

12:00 pm – 2:00 pm
Order of presentations determined by drawing at beginning of contest.

Sensory Properties of Puffed Gorgon Nut M. Paka1*, P.C. Coggins1, C.E. Coker2, P.R. Knight2, 1Garrison Sensory Evaluation Laboratory, Department of Food Science, Nutrition and Health Promotion, Mississippi State University, Stone Blvd., Box 9805, Mississippi State, MS 39762-9805, 2Coastal Research and Extension Center, Mississippi State University, 1815 Popps Ferry Road, Biloxi, MS 37532 (mp195@msstate.edu)

Response of Texas and Florida Live Oak (*Quercus virginiana*) Seedlings to Drought. Amber Bonds* and Thayne Montague, Plant and Soil Science Department, Texas Tech University, Lubbock, TX 79409. (amberbonds@hotmail.com)
The Effect of Different Colors of ChromatiNet Shading on Growth and Flowering of Seven Bedding Plant Species in Greenhouse Production. Charles R. McElhannon*, R.J. Kessler, G.J. Keever, W.G. Foshee, Horticulture Department, Auburn University, 101 Funchess Hall, Auburn, AL 36849. (mcelhcr@auburn.edu)

Utilization of Commercially Available Pollinizers for Optimizing Triploid Watermelon Production. *Peter J. Dittmar, D. W. Monks, J. R. Schultheis, North Carolina State University, Raleigh, NC 27695-7609. (pjdittma@ncsu.edu)

Sudden inundation affects on urban landscape plants. Karen Blackburn* and Ed Bush, LSU AgCenter Department of Horticulture, Louisiana State University, Baton Rouge, LA 70803-1068 (kblackburn@agcenter.lsu.edu)

Staking, Guying, and Root Ball Anchoring: The Efficacy of Tree. Stabilization Systems Installed on Recently Transplanted Trees. Alexis, A. Alvey* and P. Eric Wiseman, Department of Forestry, Virginia Tech, Blacksburg, VA 24061-0324. (alvey@vt.edu)

Identification of molecular markers associated with sweetpotato resistance to sweetpotato virus disease. D. W. Miano*1, D. R. LaBonte1 and C. A. Clark2, 1Department of Horticulture, Louisiana State Univ. Agricultural Center, Baton Rouge, LA 70803, 2Department of Plant Pathology and Crop Physiology, Louisiana State Univ. Agricultural Center, Baton Rouge, LA 70803 (dmiano1@lsu.edu)

Variation in Ecophysiological traits of Mexican Pecan Provenances. Madhulika Sagaram1*, Leonardo Lombardini1, and L.J. Grauke2, Department of Horticultural Sciences, Texas A&M University, College Station, TX 77843-2133, 2Pecan Genetics and Breeding Program, Agricultural Research Service, U.S. Department of Agriculture, 10200 FM50, Somerville, TX 77879 (madhulika2@yahoo.com)

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Variation in Ecophysiological traits of Mexican Pecan Provenances. Madhulika Sagaram1*, Leonardo Lombardini1, and L.J. Grauke2, Department of Horticultural Sciences, Texas A&M University, College Station, TX 77843-2133, 2Pecan Genetics and Breeding Program, Agricultural Research Service, U.S. Department of Agriculture, 10200 FM50, Somerville, TX 77879 (madhulika2@yahoo.com)
8:15 am  So, you wanted to accept the null hypothesis? Analysis and interpretation of fertilizer trials in the BMP era. Eric H. Simonne*, Monica Ozores-Hampton, Ramon Littell, Meagan Brennan, and Aparna Gazula, University of Florida, Horticultural Sciences Department, Gainesville, FL 32611-0690, Agricultural Statistics Department, Gainesville FL, 32611-0339 (esimonne@ufl.edu)

8:30 am  Teaching Through Games. Mary Lamberts* and Christian Miller, University of Florida Miami- Dade County Extension, 18710 SW 288th Street, Homestead, Florida 33030 (millec4@ufl.edu)

8:45 am  The Changing Face of Extension in Alabama. J. M. Kemble*, Department of Horticulture, 101 Funchess Hall, Auburn University, AL 36849 (kembljm@auburn.edu)

9:00 am  Break


9:30 am  Making Fire Ants Easier to Live With: Alabama Cooperative Extension System’s Fire Ant Education Program. Kathy Flanders, Department of Entomology and Plant Pathology, 201 Extension Hall, Auburn University, AL 36849 (flandkl@auburn.edu)

9:45 am  Growing Farmers and Establishing Local Markets. John Braswell1* and Nana Mejia2, Mississippi State University, P.O. Box 193, Poplarville, MS 39470, 2National Center for Appropriate Technology, 106 Crape Myrtle Circle, Covington, LA 70433 (braswell@ext.msstate.edu)
1G. Evaluation of Clean Chip Residual and Composted Poultry Litter as a Growth Substrate for Container-Grown Lantana camara. Cheryl R. Boyer1*, Glenn B. Fain2, Charles H. Gilliam1, Thomas V. Gallagher3, H. Allen Torbert4, Jeff L. Sibley1, 1101 Funchess Hall, Horticulture Department, Auburn University, Auburn, AL 36849, 2USDA-ARS Southern Horticultural Laboratory, Poplarville, MS 39470, 3Department of Forestry and Wildlife Sciences, Auburn University, Auburn, AL 36849, 4USDA-ARS National Soil Dynamics Laboratory, Auburn, AL 36832. (boyercr@auburn.edu)

2G. Effect of Phosphorus Concentration on Catharanthus roseus (L.) G. Don cv. Pacifica Red in a Recirculating and Top Watering System. Andrew Cartmill* and David Wm. Reed, Department of Horticultural Sciences, Texas A&M University, College Station, TX 77843 (adcartmill@ag.tamu.edu)


4. Differences in Growth, and Nitrogen Uptake and Storage Between Two Container-Grown Cultivars of Rhododendron. G. Bi*, C.F. Scagel, L.H. Fuchigami, and R.P. Regan, Truck Crops Branch Experiment Station, Mississippi State University, Crystal Springs, MS 39059. (gb250@msstate.edu)

5. In Vitro Culture of Pearlbush. Guochen Yang* and Zhongge (Cindy) Lu, Department of Natural Resources and Environmental Design, North Carolina A&T State University, Greensboro, NC 27411 (yangg@ncat.edu)

6. Fertilization Comparison in Container Lotus (Nelumbo) Production. Daike Tian*, Ken Tilt, Jeff Sibley, Fenny Dane, Floyd Woods Auburn University, Department of Horticulture, 101 Funchess Hall, Auburn, Alabama 36849 (tiandai@auburn.edu).

7. Genetic Diversity Estimates and DNA Fingerprint Database for Crape myrtle Cultivars. Timothy A. Rinewith*, USDA-ARS, Thad Cochran Southern Horticultural Laboratory, 810 Highway 26 West, Poplarville, MS 39470. (trinehart@msa-stoneville.ars.usda.gov)
15. The Influence of Cultivar and Shoot Position on Return Bloom, Nut Quality, Non-structural Carbohydrate Concentration, Orginally Bound Nitrogen and Potassium Concentration of Pecan. Charles T. Rohla1*, Michael W. Smith2, Niels O. Maness2 and William Reid3, 1The Samuel Roberts Noble Foundation, Inc. Ardmore Oklahoma, 73401, 2Department of Horticulture & Landscape Architecture, Oklahoma State University, Stillwater, OK 74078, 3Department of Horticulture and Forestry, Kansas State University. (ctrohla@noble.org).

16. Regulation of flowering in olives under mild temperatures. Nasir S.A. Malik* and Joe M. Bradford, Kika Dela Garza Subtropical Agricultural Research Center, USDA-ARS, 2413 Hwy 83 Weslaco, TX 78596. (nmalik@weslaco.ars.usda.gov).

17. First Year Vigor of Primocane Fruiting Blackberries from the University of Arkansas Breeding Program Grown in Kentucky. Jeremiah D. Lowe1*, Kirk W. Pomper1, John R. Clark2, and John G. Strang3. 1Atwood Research Facility, Land Grant Program, Kentucky State University, Frankfort, KY 40601. 2Fruit Culture & Breeding, 316 Plant Science Bldg. University of Arkansas Fayetteville AR 72701. 3Department of Horticulture, N-318 Agriculutures North, University of Kentucky, Lexington, KY 40546. (jeremy.lowe@kysu.edu)

18. Weed Control and Economic Considerations of Flame Cultivation in Pawpaw Orchards. Kirk W. Pomper* and Sheri B. Crabtree. Atwood Research Facility, Land Grant Program, Kentucky State University, Frankfort, KY 40601. (kirk.pomper@kysu.edu)

19. Varietal Preference and Vineyard Distribution of Japanese Beetles in a Field Choice Study. Sanjun Gu, Angela Whitehouse and Kirk W. Pomper*. Atwood Research Facility, Land Grant Program, Kentucky State University, Frankfort, KY 40601. (kirk.pomper@kysu.edu)

20. ‘Eudora’, a New Fresh Market Muscadine Grape Cultivar. Stephen J. Stringer1*, Dennis J. Gray2, and James M. Spiers1. 1USDA-ARS Thad Cochran Southern Horticulture Laboratory Poplarville, MS 39470, 2University of Florida Institute of Food and Agricultural Sciences Apopka, FL 32703. (sjstringer@ars.usda.gov)

21U. Nitrogen mineralization in greenhouse turnips (Brassica campestris L.) amended with compost and organic fertilizer. Rachel Ben-Avraham*, Danielle Treadwell and Mike Alligood, Department of Horticultural Sciences, University of Florida, Gainesville, FL 32611. (rachba@ufl.edu).

22G. Changes in Cell Wall Degrading Enzyme Activity and Bulb Firmness During Storage of Onion. Timothy W. Coolong* and William M. Randle, Dept. of Horticulture, The University of Georgia Athens, GA 30602. (tcoolong@uga.edu).

23G. Product Development and Optimization of a Soy Concept Food. A. Samala*, P.C. Coggins, M.W. Schilling Department of Food Science, Nutrition and Health Promotion Mississippi State University, Stone Blvd., Box 9805, Mississippi State, MS 39762-9805 (as337@msstate.edu).

24G. Nitrogen Mineralization from Organic Amendments Approved for Use in Organic Transplant Production. Alejandra Sierra**, Daniellle Treadwell1, Eric Simonnee and Donald Graetz2. 1Department of Horticultural Science, P.O. Box 110690, University of Florida, Gainesville, FL 32611-0690. 2Soil and Water Science Department, P.O. Box 110510, Univ of Florida, Gainesville, FL 32611-0510. (iasierra@ufl.edu).

25. Control of Mildew in Winter Squash. A.H. Beany1*, K. Pernezny2, P. J. Stoffella1, N. Havranek2, and J. Sanchez2. 1University of Florida, IFAS, Indian River Research and Education Center, 2199 South Rock Road, Fort Pierce, Florida 34945-3138, USA. 2University of Florida, IFAS, Everglades Research and Education Center, 3200 East Palm Beach Road, Belle Glade, Florida 33430-4702, USA. (ahbeany@ufl.edu).

26. Effects of Deficit Irrigation on Water Use Efficiency and Fruit Quality of Drip-Irrigated Muskmelon. J.L. Jifon*, J. Enciso and Bob Wiedenfeld; Texas A&M University, Texas Agricultural Experiment Station, Weslaco, TX 78596. (jjifon@agprg.tamu.edu).

27. Enzymatic Conversion and Fermentation of Sweetpotato. Paul W. Wilson1*, Don R. Labonte1, Gloria B. McClure1, and Arthur O. Villordon2, 1Horticulture Department, Louisiana State University, Baton Rouge, LA 70803, 2LSU AgCenter Sweet Potato Research Station,130 Sweet Potato Road, Post Office Box 120, Chase, LA (pwwilson@lsu.edu).
28. Foraging behavior, pollinator effectiveness and management potential of the New World squash bees *Peponapis pruinosa* and *Xenoglossa strenua* (Apidae: Eucerini). Blair J. Sampson¹,²*, Patricia R. Knight¹, James H. Cane³, ¹Mississippi State University, Coastal Research and Extension Center, 1815 Popps Ferry Road, Biloxi, MS 39532 USA, ²USDA-ARS Thad Cochran Southern Horticultural Research Laboratory, 810 Hwy 26 W, Poplarville, MS 39470, USA, ³USDA-ARS Bee Biology and Systematics Laboratory, Logan, UT 84322-5310 USA (bsampson@msstate.ars.usda.gov).

29. Improving the Potential for Drought and Soil-borne Disease Tolerance in Muskmelon by Grafting. J.L. Jifon*, Texas A&M University, Texas Agricultural Experiment Station, Weslaco, TX 78596. (jljifon@agprg.tamu.edu).

30. Learning to use controlled-release nitrogen products for seepage-irrigated tomato. Kent Cushman*, Eric Simonne, Gene McAvoy, and Kelly Morgan University of Florida - IFAS - Southwest Florida Research & Education Center.(kcushman@ufl.edu).

31. Supplemental Foliar Potassium Fertilization Enhances Fruit Quality and Phytochemical Content of Muskmelon. J.L. Jifon¹, and G.E. Lester²; ¹Fruit and Vegetable Improvement Center-Texas A&M University, Texas Agricultural Experiment Station, Weslaco, TX 78596, and ²USDA-ARS Subtropical Research Center, Weslaco, TX 78596. (jljifon@agprg.tamu.edu).

32. The Melons of Uzbekistan. Richard G. Snyder¹ and David Nagel²*, ¹Truck Crops Experiment Station, Mississippi State University, P.O Box 231, Crystal Springs, MS 39059; ²Plant & Soil Sciences Department, Mississippi State University, Box 9555, Mississippi State, MS 39762. (davidn@ext.msstate.edu).

33. Herbs as Potential High-value Crops for Mississippi. V.D. Zheljazkov¹, C. Coker², W. Evans³, and W. Ebelhar⁴. ¹NMREC Verona, MS, ²Delta Research and Extension Center Stoneville, MS, ³Coastal Research and Extension Center, ⁴Mississippi Truck Crops Branch Experiment Station, Crystal Springs, MS. (vj40@pss.msstate.edu)

34. Lemon Grass as an Essential Oil Crop for Mississippi. V.D. Zheljazkov (Jeliazkov)*. North Mississippi Research and Extension Center, Verona, MS, 38879 (vj40@pss.msstate.edu)

35. Bioprospecting of American mayapple. V.D. Zheljazkov*, R.M. Moraes², V. Maddox³ and A.M. Jones¹ ¹Mississippi State University, North Mississippi Research and Extension Center, Verona, MS, 38879, ²National Center for Natural Products Research, School of Pharmacy, The University of Mississippi, University, MS 38677, ³Mississippi State University, GeoResources Institute, P.O. Box 9555, Mississippi State, MS 39762 (vj40@pss.msstate.edu)

Monday, February 5, 2007

POSTERS

Room: Convention Center, Prefunction/Upper Concourse
Presiding: Christine Coker

Poster Viewing
Sunday 12:00 pm – Monday 3:00 pm
Take-down:
Monday, after Business Meeting and by 4:00 pm

VEGETABLE CROPS SECTION

Room: Riverview, Mobile Ball Room II
Presiding: David Nagel

Morning Session
8:00 am Nutrient Management for Organic Greenhouse Production of Potted Herbs, Teresa Olczyk*, Y. Li, Y. Qian, G. Hochmuth, R. Hochmuth, E. Simonne, D. Treadwell, L. Osborne and R. Sprenkel, UF IFAS, Gainesville, FL 32611-0690 (twol@ufl.edu)
8:15 am Romaine Cultivar Evaluations in NC, W.R."Bill" Jester and C.B. Taylor, 202 Cunningham Road, Department of Horticulture Science, North Carolina State University, Kinston, NC 28504 (bill_jester@ncsu.edu)
8:30 am Results of the Texas Statewide Watermelon Variety Trials. Juan R. Anciso*, Larry Stein, Stephen King, Russ Wallace, and Robert Whitney. Texas Cooperative Extension, 2401 East Highway 83, Weslaco, TX 78596. (j-anciso@tamu.edu)
8:45 am  Growing ‘Okinawan’ Sweetpotatoes in Louisiana: Preliminary Yield Trials and Initial Impressions.  A.Q. Villordon¹, J.W. Franklin¹, T.P. Talbot¹, W. McLemore¹, C.Clark², M. Hoi³ and D. LaBonte³.  1LSU AgCenter Sweet Potato Research Station, Chase, LA 71324; ²LSU AgCenter Department of Plant Pathology and Crop Physiology, Baton Rouge, LA 70803; ³LSU AgCenter Department of Horticulture, Baton Rouge, LA 70803.  (AVillordon@agcenter.lsu.edu)

9:00 am  Organic Broccoli Production Under Conventional and No-Till Systems, J.C.Díaz-Pérez¹, S.C. Phatak¹, J. Ruberson², J. Silvoy¹, and R. Morse³, ¹Dept. of Horticulture and ²Dept. of Entomology, UGA-Tifton Campus, Tifton, GA 31793, U.S.A.; ³Dept. of Horticulture, Virginia Tech., Blacksburg, VA 24061, U.S.A. (jcdiaz@tifton.uga.edu)

9:15 am  Break

9:30 am  Success Seen in Certified Organic Summer Squash Production in Mississippi.  W.B. Evans*, P.M. Hudson, and K.L. Paridon, Mississippi State University Truck Crops Branch Experiment Station. 2024 Experiment Station Rd., P.O. Box 231, Crystal Springs, MS 39059-0231.  (wbe@ra.msstate.edu)

9:45 am  Performance of Selected Diploid Pollenizers.  Joshua H. Freeman¹*, Gilbert A. Miller², and Stephen M. Olson³, ¹Dept. of Horticulture, University of Florida, Gainesville, FL 32611; ²EREC, Clemson University, Blackville, SC 29817; ³NFREC, University of Florida, Quincy, FL 32351. (joshuafr@ufl.edu)

10:00 am  Effects of Pruning on ‘Florida 47’ and ‘Sungard’ Tomato Yields.  Bielinski M. Santos, Gulf Coast Research and Education Center, IFAS, University of Florida, Wimauma, Florida; (bmsantos@ufl.edu)

10:15 am  Effects of In-row Distances on Eggplant Growth and Yield.  Bielinski M. Santos.  Gulf Coast Research and Education Center, IFAS, University of Florida, Wimauma, Florida (bmsantos@ufl.edu)

10:30 am  Break to attend SR-ASHS Business Meeting at 11:00-12:30
2:30 pm  Yield performance of selected tomato cultivars resistant to tomato yellow leaf curl virus. Kent Cushman* and Phil Stansly, University of Florida, IFAS, Southwest Florida Research & Education Center, 2686 SR 29 N, Immokalee, FL 34142-9515 (kcushman@ufl.edu)

FRUIT CROPS SECTION
Blackberry Production and Marketing

Room:  Riverview, Blakely I
Presiding:  Robert Boozer

8:00 am New Marketing Opportunities for Blackberry Production in the Southeast. Stanley Scarborough*, Production Manager, Sunnyridge Farm, Inc., Winter Haven, FL 33881. (stanley.scarborough@sunnyridge.com)

8:30 am Viruses of Blackberries and Raspberries. Robert Martin*, USDA-ARS Horticultural Crops Research Unit, Corvallis, OR 97330. (martinrr@science.oregonstate.edu)

9:00 am Nutrition and Phytochemicals of Blackberries. Jean Weese*, Alabama Cooperative Extension System, Auburn University, AL 36849. (weesesj@auburn.edu)

9:30 am Break

9:45 am Use of New Technology in Blackberry Production. Butch Greiffendorf*, Sales Manager, BBC Technologies, South Haven, MI 49090. (butch@bbctechnologies.com)

10:15 am Towards the Perfect Blackberry Cultivar Improvement. John R. Clark*, 316 Plant science, Department of Horticulture, University of Arkansas, Fayetteville, AR 72701. (jrc@ark.edu)

10:45 am Break to attend SR-ASHS Business Meeting at 11:00-12:30

1:15 pm Symptomology of Simulated Herbicide Drift Injury in Grape. Joseph G. Masabni*, Department of Horticulture, University of Kentucky Research and Education Center, Princeton, KY 42445. (jmasabni@uky.edu)

1:30 pm Influence of Rootstock and Fruit Thinning on Fruit Quality and Yield of ‘Jupiter’, ‘Mars’, ‘Marquis’, and ‘Neptune’ Grapes. Kenda R. Woodburn*, M. Elena Garcia†, and R.K. Striegler‡, †316 Plant Science, Department of Horticulture, University of Arkansas, Fayetteville, AR 72701, ‡Institute for Continental Climate Viticulture and Enology, 108 Eckles Hall, 1406 East Rollins St., University of Missouri-Columbia, Columbia, MO 65211-5140. (woodburn@uark.edu)

1:45 pm Evaluation of 38 Peach Cultivars in Western Kentucky. Joseph G. Masabni* and Dwight Wolfe†, †Department of Horticulture, University of Kentucky Research and Education Center, Princeton, KY 42445. (jmasabni@uky.edu)

2:00 pm Painting Your Way through Peach Culture. KC Taylor* and JF Funderburk‡, †Department of Horticulture, University of Georgia, SE Fruit and Tree Nut Laboratory, 21 Dunbar Rd., Byron, GA 31008, ‡Peach County Extension Office, 700 Spruce St., Wing A, Fort Valley, GA 31030. (kctaylor@uga.edu)

2:15 pm Break

2:30 pm Preliminary Assessment of Captan Impact on Fruit Finish. KC Taylor* and PM Brannen‡, †Department of Horticulture, University of Georgia, SE Fruit and Tree Nut Laboratory, 21 Dunbar Rd., Byron, GA 31008, ‡Department of Plant Pathology, University of Georgia, 3307 Miller Plant Sciences Building, Athens, GA 30602. (kctaylor@uga.edu)

2:45 pm Analysis of Long-term Pecan Tree Yields from Three Different Orchards Involving Numerous Varieties using Mixed Model Analysis Techniques. Benjamin G. Mullinix* and Patrick Conner†, †Research Statistician and ‡Horticulture Associate Professor, UGA Tifton Campus, Tifton, GA 31793-0748. (mullinix@uga.edu)
3:00 pm The Blueberry Orchard Bee. Blair J. Sampson1,2, James H. Cane3, Patricia R. Knight1, 1Mississippi State University, Coastal Research and Extension Center, 1815 Popps Ferry Road, Biloxi, MS 39532, 2USDA-ARS Thad Cochran Southern Horticultural Research Laboratory, 810 Hwy 26 W, Poplarville, MS 39470, 3USDA-ARS Bee Biology and Systematics Laboratory, Logan, UT 84322-5310. (tricia@ra.msstate.edu)

3:15 pm Blueberry Splitting Tendencies as Effected by Fruit Firmness. Donna A. Marshall1*, J.M. Spiers1, and S.J. Stringer1, 1Thad Cochran Southern Horticultural Laboratory, Poplarville, MS 39470. (damarchall@msa-stoneville.ars.usda.gov)

3:30 pm Sheltering Strawberries in the Southeast. Robert Boozer1*, Wheeler Foshee2, and Jim Pitts1, 1Auburn University, Chilton Research and Extension Center, 120 Co. Rd. 756, Clanton, AL 35045, 2Department of Horticulture, Auburn University, Auburn University, AL 36849. (boozert@auburn.edu)

8:00 am Adopt-A-Tree: A Reforestation Program to Replace Lost Urban Canopy Due to Disasters. Adrian Hunsberger*, University of Florida/IFAS, Miami-Dade County Extension, 18710 SW 288th St., Homestead, FL 33030. (aghu@ufl.edu)

8:15 am Growth and Production of Ginger Lilies Under a Sustainable Agroforestry System with Moringa in the U.S. Virgin Islands. Ramon A. Arancibia1*, Manuel Palada1, Mack Thetford2, and Shibu Jose2, Univ. of the Virgin Islands – Agricultural Experiment Station, St Croix, VI 00850, 2Univ. of Florida – West Florida Research and Education Center, Milton, FL 32583. (raranci@uvi.edu)

8:30 am The Impact of Foliage Plant Container Garden Sales on Identifying Consumer Needs, Trends, and Preferences. Emily A. Stefanski* and Dr. James L. Gibson., Department of Environmental Horticulture, University of Florida, 1545 Fifield Hall, Gainesville, FL 32611. (emilyhrt@ufl.edu)

8:45 am Infectivity of Mycorrhizal Products Marketed for Trees in Urban and Landscape Soils. P. Eric Wiseman1* and Christina E. Wells2, 228 Cheatham Hall, Department of Forestry, Virginia Tech, Blacksburg, VA 24061, 151 Poole Agriculture Center, Department of Horticulture, Clemson University, Clemson, SC 29634. (pwiseman@vt.edu).

9:00 am Break

9:15 am Effects of Vernalization and Photoperiod on Growth and Flowering of Three Coreopsis Cultivars. J. Raymond Kessler, Jr., Department of Horticulture, Auburn University, 101 Funchess

9:30 am Biology and Control of the Strawberry Rootworm in Container-grown Ornamental Crops, Charles (Chazz) Hesselein* and David Boyd, Mobile Ornamental Horticulture Research Center, P.O. Box 8276, Mobile, AL 36689-0276. (hessecp@auburn.edu)

9:45 am Irradiation of Lagerstroemia to Induce Sterility. David Knauft* and Michael Dirr, Horticulture Department, 1111 Miller Plant Science Bldg., University of Georgia, Athens, GA 30602-7273. (dknauft@uga.edu)

10:00 am Field Evaluation of Palms in Hardiness Zones 7b and 6b. Gary L. Wade, Department of Horticulture, University of Georgia, 221 Hoke Smith Bldg, Athens, GA 30602-7273. (gwade@uga.edu)

10:15 am Final Summary of All-America Daylily Evaluations: Rust Observations, Flowering and Landscape Performance. Allen Owings*, Gordon Holcomb, C. Allen Broyles, Ann Gray, and Edward Bush, LSU AgCenter, Department of Horticulture, 155 Julian C. Miller Hall, Baton Rouge, LA. (aowings@agctr.lsu.edu)
10:30 am  Initial Landscape Shrub Rose Observations: Knock Out, Home Run, Wild Thing and Nearly Wild. Allen Owings*, C. Allen Broyles, and Ann Gray. LSU AgCenter, Department of Horticulture, 155 Julian C. Miller Hall, Baton Rouge, LA (aowings@agctr.lsu.edu)

POST HARVEST/ PLANT BIOTECHNOLOGY SECTION

Breeding verses Molecular Approaches

Room:  Riverview, De Tonti Suite
Presiding:  Angela Davis

8:00 am  Introduction to the Session, Plant Breeding Developments. Angela Davis, South Central Agricultural Research Lab, USDA-ARS, P.O. Box 159, Hwy. 3 West, Lane, OK 74555. (adavis-usda@lane-ag.org)

8:15 am  Improving Shelf life of Black Berries Through Conventional Breeding. John Clark1*, Penelope Perkins-Veazie2, Dept. of Horticulture, University of Arkansas, 316 Plant Science, Fayetteville, AR 72701, 2South Central Agricultural Research Lab, USDA-ARS, P.O. Box 159, Hwy. 3 West, Lane, OK 74555. (jrclark@uark.edu)

8:40 am  Carotenoid Analysis Using Xenon Flash Spectrophotometers as a Tool for Germplasm Screening. Angela Davis1*, Wayne Fish, Penelope Perkins-Veazie, South Central Agricultural Research Lab, USDA-ARS, P.O. Box 159, Hwy. 3 West, Lane, OK 74555. (adavis-usda@lane-ag.org)

8:55 am  Breeding and Biotechnology at the Vegetable Improvement Center. Bhimanagouda Patil, Veg. & Fruit Improvement Center, Texas A & M University, 1500 Research Parkway, Ste. A 120, College Station, TX, 77843. (b-patil@tamu.edu)

9:20 am  Break

9:35 am  Semi-Quantitative Measurement of Carotenoid Development in Four Watermelon Colors: A Discussion of the Impact of Ploidy and other Genetic Factors. Jennifer Waters1*, Hae Jeen Bang1, Angela Davis, and Stephen King1, Dept. of Horticulture, Texas A & M University, 202 Hort./Forestry Bldg., College Station, TX 77843-2133. (jennwaters@neo.tamu.edu)

9:50 am  Microarray Analysis, Uses and Limitations. W. Patrick Wechter, US Vegetable Lab, USDA/ARS, 2700 Savannah Highway, Charleston, SC 29414. (wpwechter@saa.ars.usda.gov)

10:10 am  Differential Expression of Genes in Watermelon Fruit. W. Patrick Wechter1, Amnon Levi*2, Angela Davis2, et al., US Vegetable Lab, USDA/ARS, 2700 Savannah Highway, Charleston, SC 29414, 2South Central Agricultural Research Lab, USDA-ARS, P.O. Box 159, Hwy. 3 West, Lane, OK 74555. (alevi@saa.ars.lesda.gov)

WORKING GROUP PROGRAMS
(Contact Chairs for Agenda/Presentation times)

National Sweet Potato Collaborators

Presiding:  Scott Stoddard (csstoddard@ucdavis.edu)
Saturday:  8:00 am – 5:00 pm
Sunday:  8:00 am – 5:00 pm
Room:  Riverview, Mobile Ball Room III

Breeding, Genetics, and Molecular Biology

Insect, Disease, and Weed Management
A tospovirus in the sweetpotato virus complex. C.A. Clark and M.W. Hoy. Department of Plant Pathology and Crop Physiology, Louisiana State University AgCenter, Baton Rouge, LA 70803-1720.

Assessment of procedures to quantify insect damage on sweetpotato roots. D.M. Jackson.

Detection of sweetpotato viruses by NCM-ELISA. D. Gutierrez and R. Valverde. Dept. of Plant Physiology and Crop Physiology. LSU AgCenter, Baton Rouge, LA, 70803.
Susceptibility of two cohorts of sweetpotato weevils to selected insecticides. T. Smith1 and A. Hammond2. 1LSU AgCenter Sweet Potato Research Station, Chase, LA 71324; 2LSU AgCenter Department of Entomology, Baton Rouge, LA 70803.

Response of sweetpotato genotypes to several isolates of southern root-knot nematode. Judy A. Thies1*, Howard H. Harrison1, and Don LaBonte2. 1U.S. Vegetable Laboratory, USDA, ARS, Charleston, SC; 2Department of Horticulture, Louisiana State University AgCenter, Baton Rouge, LA. (jthies@saa.ars.usda.gov)

Growing ‘Okinawan’ sweetpotatoes in Louisiana: preliminary yield trials and initial impressions. A.Villordon1, J.W. Franklin1, T.P. Talbot1, W. McLemore1, C.Clark2, M. Hoy2, and D. LaBonte3; 1LSU AgCenter Sweet Potato Research Station, Chase, LA 71324; 2Department of Plant Pathology and Crop Physiology, Baton Rouge, LA 70803; 3LSU AgCenter Department of Horticulture, Baton Rouge, LA 70803.

Associations of in-season chrysomelid beetle density and sweetpotato damage in Mississippi sweetpotatoes. J. T. Reed, M. Williams, D. Fleming, and C. Jackson. Department of Entomology and Plant Pathology, MSU, Mississippi State, MS 39762.

Commercial sweetpotato varieties in California and potential fit of L-01-29. C. Stoddard and D. LaBonte. UC Cooperative Extension, Merced, CA 95340; LSU Dept. of Horticulture, 137 J.C. Miller Hall, Baton Rouge, LA 70803.

Regenerating Virus-free Materials for USDA Heirloom Sweetpotato Cultivar Collection through the Meristem Shoot-tip Culture Technology. Kai-Shu Ling1, Mary Hoy2, Janice Bohac1, D. Michael Jackson1, and Christopher A. Clark2, 1USDA, ARS, U.S. Vegetable Laboratory, 2700 Savannah Highway, Charleston, SC, 2Dept. Plant Pathology & Crop Physiology, Louisiana State Univ, Baton Rouge, LA.

Starch biosynthesis and genetic modifications of starch in Sweetpotato (Ipomoea batatas L.) storage roots. William, A. Akwe, Glory, M. Ashu, Lakeisha Stewart, Celestine Fosung, Adeline Douanla, Qun Xia, Janice Bohac1 Victor Njit, Samuel Besong, Sandra Barnes, Zhibiao Gou, Shoucheng Zhang, and Ming Gao* Center for Biotechnology and Genomics, Alcorn State University, MS 39096, 1US Vegetable Lab, Charleston, SC 2006 Sweet Potato Trial in the Mississippi Delta. L. Adams and C. Abel. USDA, ARS, SIMRU, Stoneville, MS.

Vigna Crop Germplasm Committee

Presiding: Richard Fery
(rilef@ars.usda.gov)

Sunday: 9:00 am – 12:00 pm
Room: Riverview, Mobile Ball Room I

Agenda
1. Sign-in and call to order
2. Minutes of the 2006 meeting
3. Vigna germplasm curator’s report
4. USDA funding for germplasm evaluation
5. Priority evaluation needs for cowpea germplasm
6. Priority enhancement needs for cowpea germplasm
7. Plant exploration and exchange proposals
8. Update from CGC facilitator’s office
9. Vigna CGC membership
10. Plans for 2008 meeting

Southern Region Small Fruit Consortium

Presiding: Thomas Monaco
(tom_monaco@ncsu.edu)

Sunday: 8:00 am – 12:00 pm
Room: Riverview, Blakeley I

Agenda
1. Steering Committee Members
2. Minutes of 2006 Annual Meeting
3. 2006-07 Budget
4. 2006 Research and Outreach Reports
5. Research and Outreach Proposals
6. Web Site Activity
7. SRSFC Activities
8. 2006-07 County Agent Training
9. Research and Extension Proposal Guidelines
10. Steering Committee Members Responsibilities
11. Other Issues

Pecan Research and Extension Forum

Presiding: Monte Nesbitt
(nesbiml@auburn.edu)

Saturday: 8:00 am – 5:00 pm
Room: Riverview, Mobile Ball Room I

Agenda
1. Review of personnel movement by state.
2. Review of state acreage expansion/decline and associated changes in research/extension efforts.
3. Pecan cultivar testing, development and recommendations; review of impending releases.
4. Pecan grafting update; new materials and methods.
5. Tree nutrition research and current findings.
6. Pecan orchard economics 101: yield expectations for progressive orchards.
Sunday afternoon: February 4, 2006

12:00-4:00 Registration (Concourse Lobby Area, Mobile Convention Center)

1:00-1:10 Welcome – Craig Rothrock, SDAPS President (Meeting Room 204 A, Mobile Convention Center)

SYMPOSIUM: The Future of Mycological Research in the Southern Division of APS. Chris Clark, presiding

1:10-1:30 "Bridging extension and research activities with Phytophthora" Kelly L. IVORS, Assistant Professor and Extension Specialist, NC State University, Mountain Hort. Crops Research & Extension Center.

1:30-1:50 "Phytophthora capsici - Foe of the vegetable producer, friend of the Oomycete geneticist" KURT LAMOUR, Assistant Professor, Department of Entomology and Plant Pathology, The University of Tennessee Institute of Agriculture.

1:50-2:10 Accessing Fungal Pathosystems with New Tools. S.M. MAREK Entomology and Plant Pathology, Oklahoma State University, Stillwater, OK 74074

2:10-2:30 "Characterization of an aflatoxin resistance-associated protein from maize." ZHI-YUAN CHEN (1), Robert L. Brown (2), Kenneth E. Damann (1), and Thomas E. Cleveland (2). (1) Department of Plant Pathology and Crop Physiology, Louisiana State University Agricultural Center, Baton Rouge, LA 70803; (2) Southern Regional Research Center, USDA-ARS, New Orleans, LA 70179.

2:30-2:50 Molecular characterization of a multi-modular protein Fsr1 in Fusarium verticillioides that functions in maize stalk rot pathogenesis. WON-BO SHIM. Department of Plant Pathology and Microbiology, Texas A&M University, College Station, TX 77843-2132

2:50-3:00 Discussion

3:00-3:15 Break

Student presentations – Tim Brenneman, SDAPS Past-President, presiding

3:15-3:30 Reduced environmental impact of fertilizers using PGPR. A.O. ADESEMOYE (1), J.W. Kloepper (1), and H.A. Torbert (2). (1) Dept. Ent & Plant Pathology, Auburn University, AL 36849 (2) USDA Soil Dynamics Laboratory, Auburn, AL 36849.

3:30-3:45 Accounting for fungal spore inocula on detached leaves of strawberry for fungicide screening. M. ABRIL (1), K.J. Curry (1), and B.J. Smith (2). (1) The University of Southern Mississippi, Hattiesburg, MS 39406; (2) USDA-ARS Southern Horticultural Laboratory, Poplarville, MS 39470.

3:45-4:00 Phytophthora cinnamomi isolate identification for development of a greenhouse screening technique for identifying resistant blueberry (Vaccinium sp.) germplasm. M. MILLER-BUTLER (1), K.J. Curry (1), B.J. Smith (2). (1) Univ of Southern Mississippi, Hattiesburg, MS 39406; (2) USDA-ARS Southern Horticultural Laboratory, Poplarville, MS 39470.

4:00-4:15 Characterization of the antifungal properties and biological range of 7,10,12-trihydroxy-8(E)-octadecenoic acid (TOD). T. B. HATCHETT (1), J. COFIELD, (2) K. S. LAWRENCE(1), & SANG-JIN SUH(2) (1)Auburn University Dept. of Entomology & Plant Pathology& (2) Auburn University Department of Biological Sciences, Auburn, AL 36849.
PLANT PATHOLOGY

4:15-4:30 Screening Peanut Germplasm for Resistance to *Cylindrocladium parasiticum*. J.N. WILSON (1), T.A. WHEELER (2) M.C. Black (3). (1) Department of Plant and Soil Science, Texas Tech University, Lubbock TX 79409; (2) Texas Agriculture Research and Extension Center, Lubbock, TX 79403; (3) Texas Agriculture Research and Extension Center, Uvalde, TX 78801.

4:30-4:45 Evaluation of resistance to *Cylindrocladium parasiticum* in peanut in naturally infested or inoculated fields, and in the greenhouse. W. B. DONG (1), T. B. Brenneman (1), C. C. Holbrook (2), and A. K. Culbreath (1). (1) Dept. of Plant Pathology, University of Georgia, Tifton, GA 31793; (2) USDA-ARS, Coastal Plain Exp. Stn. Tifton, GA 31793.

5:30-6:30 SDAPS Executive Committee Meeting (Oakleigh Suite, Riverview Plaza Hotel)

3:30-5:00 SAAS Opening and General Session and Symposium (West Ballroom, Mobile Convention Center)

5:00—till SAAS’s Super Bowl Party_Reception (Social Hour/Cash Bar from 5:00 pm to 6:00 pm) (East and West Ballroom)

Monday, February 5, 2006

8:00-11:30 Registration (Concourse Lobby Area, Mobile Convention Center)

8:00 Announcements – Craig Rothrock, SDAPS President (Meeting Room 204 A, Mobile Convention Center)

Contributed papers – Craig Canaday, presiding

8:00-8:15 Infection of longleaf pine seedlings with *Cronartium quercuum* f. sp. *fusiforme*. C.H. WALKINSHAW. U.S. Forest Service, Pineville, LA

Contributed papers – Barbara Smith, presiding

10:00-10:15 Cultural practices and chemical treatments affect Phytophthora root rot severity of blueberries grown in south Mississippi. BARBARA J. SMITH, USDA-ARS, Small Fruit Research, P.O. Box 287, Poplarville, MS 39470

10:15-10:30 Effects of four commercial peanut seed treatments on plant stand, diseases, and pod yield. T. B. BRENNEMAN, Dept. Plant Pathology, University of Georgia, Tifton, GA 31794.

10:30-10:45 Evaluation of seed treatments, cultural practices, and fungicide sprays to control ashy stem blight of snap bean. C.H. CANADAY, Dept. of Entomology and Plant Pathology, University of Tennessee, WTREC, Jackson, TN 38301.

10:45-11:00 Rate and intervals of hydrogen dioxide applications to control *Puccinia hemerocallidis* on daylily. W. E. COPES, USDA/ARS Southern Horticultural Laboratory, Poplarville, MS 39470

11:00-11:15 Management of target spot on burley tobacco with azoxystrobin. K.W. SEEBOULD (1) and G.K. Palmer (2). (1) University of Kentucky, Plant Pathology Dept. and (2) University of Kentucky, Dept. of Plant and Soil Sciences, Lexington KY, 40546.

12:00-1:00 Graduate Student Luncheon (Prefunction/Registration area on the Exhibit Hall Level, southeast corner, Mobile Convention Center), by invitation only

Contributed papers – Jason Woodward, presiding

1:15-1:30 Evaluation of commercial watermelon rootstocks for tolerance to Phytophthora blight. C.S. KOUSIK (1) and Richard Hassell (2) (1)USDA, ARS, U.S. Vegetable Laboratory, Charleston, SC. (2) Clemson University, CREC. Charleston, SC.
1:30-1:45 Evaluation of Rhizoctonia diseases on peanut cultivars and advanced breeding lines in West Texas. J. E. Woodward (1), and T. A. Baughman (2). (1) Dept. of Plant Pathology and Microbiology, Texas A&M University, Lubbock, TX 79403; (2) Dept. of Soil and Crop Sciences, Texas A&M University, Vernon, TX 76384.

1:45-2:00 Sentinel plot monitoring and comparison of Asian soybean rust development in Georgia in 2005 and 2006. L. E. Sconyers (1), R. C. Kemerait, Jr. (1), D. V. Phillips (2), and P. H. Jost (3). Dept. of Plant Pathology, University of Georgia, (1) Tifton, GA 31793, (2) Griffin, GA 30223; (3) Dow AgroSciences, Statesboro, GA 30458.

2:00-2:15 Management of Asian soybean rust in Georgia with fungicides. R.C. Kemerait (1) and L.E. Sconyers (1) and P.H. Jost (2). (1) Dept. of Plant Pathology, The University of Georgia, Tifton, GA 31794; (2) Dow AgroSciences, Statesboro, GA 30458.

2:15-2:45 Break

Contributed papers – Pamela Roberts, presiding

2:45-3:00 Mustard Cover Crop for Management of Tobacco Black Shank. A.S. Csinos, L.L. Hickman, L. Mullis. Dept. Plant Pathology, University of Georgia, Tifton, GA 31793.

3:00-3:15 Management of whitefly populations for the control of watermelon vine decline in Florida. P.D. Roberts(1), P.A. Stansly(2), S.A. Adkins (3), C.S. Kousik (4), and B. Bruton (5) (1)University of Florida, Department of Plant Pathology, SWFREC, Immokalee, FL. (2) University of Florida, Department of Entomology & Nematology, Immokalee, FL. (3) United States Department of Agriculture-ARS, USHRL, Fort Pierce, FL. (4) US Vegetable Lab, USDA, Charleston, SC. (5) United States Department of Agriculture-ARS, Lane, Oklahoma.

3:15-3:30 Distribution of Iris yellow spot virus on onion leaves. C. Nischwitz(1), S. Mullis(1), R. Torrance(2), D. Langston Jr.(3), A. Sparks(3) and R. Gitaitis(1) (1)Dept. of Plant Pathology, Univ. Georgia, Tifton, GA 31793; (2)UGA-CES, Reidsville, GA 30453; and (3)UGA-CES, Tifton, GA 31793


4:00-5:00 SDAPS Business Meeting, Craig Rothrock, SDAPS President, presiding

6:00-9:00 SDAPS Social (cash bar) and Southern Division deBary Bowl (Mobile Convention Center, Meeting Room 204 A)
SUNDAY, FEBRUARY 4

8:00 A.M. – 3:30 P.M.
REGISTRATION
CONCOURSE LOBBY

8:15 A.M. – 9:30 A.M.
SRSA EXECUTIVE COUNCIL MEETING
202 A
RURAL SOCIOLOGY

Examining the Economic Impact of Birmingham Farmers’ Markets on the Local Economy
Mukiibi Michael, Alabama A&M University
James O. Bukenya, Alabama A&M University
Joseph Molnar, Auburn University
Leah Rigdon, Auburn University
Arthur Siaway, Tuskegee University

Factors Affecting Fresh Tomato Consumption in the United States
Kimberly Curtis, Alabama A&M University
Duncan Chembezi, Alabama A&M University
Joseph Befecaduu, Alabama A&M University
Hezekiah Jones, Alabama A&M University

The Feasibility of Investment in Greenhouse Tomato Production as an Alternative/Supplemental Enterprise for the Small Farmer in Alabama
Kimberly Curtis, Alabama A&M University
Joseph Befecaduu, Alabama A&M University
Hezekiah Jones, Alabama A&M University

PAPER SESSION
202B
Leisure and Leadership Issues
Moderator:

Brains and Brawn: Event Analysis of Collegiate Rodeo Athletes
Gene L. Theodori, Texas A&M University

Texas Latino Attitudes Toward the Environment and Outdoor Recreation Participation
A. Lopez, Texas A&M University
C. Torres, Texas A&M University
N.J. Silvy, Texas A&M University
R.R. Lopez, Texas A&M University

Leadership Development Programs: Enhancement of Individual, Social or Community Capital?
Patricia H. Dyk, University of Kentucky

Are Agricultural Leadership Development Programs Building Global Leaders?
Eric K. Kaufman, University of Florida

2:45 P.M. – 3:30 P.M.
SOUTHERN RURAL SOCIOLOGY EDITORIAL BOARD MEETING
202B
RURAL SOCIOLOGY

Utilization of Cultural Models and Collaborative Learning to Advance Management of the North Carolina Blue Crab Fishery
Sara E. Mirabilio, North Carolina Sea Grant College Program
Michael Paolisso, University of Maryland
Jack Thigpen, North Carolina Sea Grant College Program

PAPER SESSION 202B
Law and Policy

Moderator:

The Overlooked Significance of ‘Place’ in Law and Policy
Debra Lyn Bassett, Florida State University College of Law

Shifting Approaches to Environmental Regulation and Small Water System Capacity Development: A Case Study
Kim Steil, Mississippi State University Water Resources Research Institute

Protecting Homeplace: An Examination of the Legal and Cultural Implications of Heir Property in Alabama’s Black Belt
Janice F. Dyer, Auburn University

Effectiveness of the Regional Councils of Governments in Alabama: A Comparative Case Study
Shakeesha Washington, Auburn University

9:30 A.M. – 9:45 A.M.
BREAK
CONCOURSE LOBBY

9:45 A.M. – 11:00 A.M.
PAPER SESSION 202A

Sustainable Agriculture and Quality of Life – I
Co-sponsored by SRSA and SAEA

Organizers:
Douglas H. Constance, Sam Houston State University
Jeffrey Jordan, University of Georgia – Griffin

Moderator:

RURAL SOCIOLOGY

Sustainable Agriculture and the Social Sciences: Getting Beyond Best Management Practices and Getting Into Food Systems
Jeffrey Jordan, University of Georgia – Griffin
Douglas H. Constance, Sam Houston State University

The Role of Southern SARE Research Projects in Enhancing Quality of Life of Community Lives in the Southern Region
Keiko Tanaka, University of Kentucky
Victoria Bhavsar, University of Kentucky

Support of Civic Agriculture in Black Belt Counties of Five Southeastern States: The Role of Community Governance
Terrance Thomas, North Carolina A&T State University
Osei Yeboah, North Carolina A&T State University
Benjamin Gray, North Carolina A&T State University
Victor Ofori-Boadu, North Carolina A&T State University

Expanding the Marketing Opportunities and Sustainable Production Potential for Minority and Limited Resource Farmers in Louisiana and Mississippi
Anna M. Kleiner, Southeastern Louisiana University
John J. Green, Delta State University

PAPER SESSION 202B
Rural – Urban Issues

Moderator: John K. Thomas, Texas A&M University

Sociological Imagination for Service: Everything is Not Great
George Floro, Sul Ross State University

Rural – Urban Patterns of Obesity in the U.S.: Testing Socioeconomic and Lifestyle Hypotheses
Philip B. Mason, Mississippi State University
Frank M. Howell, Mississippi State University

Jeremy R. Porter, Mississippi State University
Frank M. Howell, Mississippi State University
11:30 A.M. – 1:00 P.M.  
AWARDS LUNCHEON and PRESIDENTIAL ADDRESS  
Small Town in Global Society  
Dr. Don E. Albrecht, Texas A&M University  

NOTE: The Awards Luncheon and Presidential Address will be held in the Overlook Room at the Gulf Coast Exploreum Science Center.

1:15 P.M. – 1:45 P.M.  
POSTER SESSION  
Prefunction/Upper Concourse  

Texas Latino Attitudes and Behavior Toward the Environment  
A. Lopez, Texas A&M University  
C. Torres, Texas A&M University  
N.J. Silvy, Texas A&M University  
R.R. Lopez, Texas A&M University  

Barriers to Health Care Access among Residents of the Southern Black Belt Region of the United States  
Benjamin Gray, North Carolina A&T State University  
Terrence Thomas, North Carolina A&T State University  
Marcus Bernard, North Carolina A&T State University  

1:45 P.M. – 3:00 P.M.  
PAPER SESSION  
202A  
Sustainable Agriculture and Quality of Life – II  
Co-sponsored by SRSA and SAEA  

Organizers:  
Douglas H. Constance, Sam Houston State University  
Jeffrey Jordan, University of Georgia – Griffin  

Moderator:  

1:15 P.M. – 1:45 P.M.  
POSTER SESSION  
Prefunction/Upper Concourse  

Texas Latino Attitudes and Behavior Toward the Environment  
A. Lopez, Texas A&M University  
C. Torres, Texas A&M University  
N.J. Silvy, Texas A&M University  
R.R. Lopez, Texas A&M University  

Barriers to Health Care Access among Residents of the Southern Black Belt Region of the United States  
Benjamin Gray, North Carolina A&T State University  
Terrence Thomas, North Carolina A&T State University  
Marcus Bernard, North Carolina A&T State University  

1:45 P.M. – 3:00 P.M.  
PAPER SESSION  
202B  
Rural Health and Well-Being  

Moderator: Duncan M. Chembezi, Alabama A&M University  

Making the Connections: The Importance of Rural Journalism in Community Health Efforts  
Laura M. Hall, University of Southern Mississippi  

Human Well-Being Comparison Between Alabama’s Black Belt and the Southern Cumberland Plateau Regions  
Nevia C. Brown, Alabama A&M University  
Rory Fraser, Alabama A&M University  

Staci Huddleston, Alabama A&M University  
Duncan Chembezi, Alabama A&M University  
Joseph Befecauu, Alabama A&M University  
Hezekiah Jones, Alabama A&M University  

Toward a Rural Mental Health Program Model: A Case Study  
Chris Stapel, University of Kentucky
3:00 P.M. – 3:15 P.M.
BREAK
CONCOURSE LOBBY

3:15 P.M. – 4:30 P.M.
ROUNDTABLE SESSION
202A
Black Belt Community Activists and Scholars
Exchange Stories and Ideas
About Working Together for Social Change

Organizer: Rosalind P. Harris, University of Kentucky

Participants:
Ntam Baharanyi, Tuskegee University
Sarah Bobrow Williams, Southern Black Women’s Rural Initiatives
Sokoya Finch, Florida Family Network
Shirley Sherrod, Federation of Southern Cooperatives
Terrence Thomas, North Carolina A&T State University
Veronica Womack, Georgia College and State University
Dreamal Worthen, Florida A&M University

PAPER SESSION
202B
Youth and Rural Communities

Moderator: Edward B. Reeves

How to (Thoroughly) Explain the Rural Gap in Reading and Math Achievement with Quantile Regression
Edward B. Reeves, Morehead State University
Jesse Lowe, Morehead State University

Community Effects on Kindergarten to Third Grade Educational Achievement
Glenn D. Israel, University of Florida

Youth Leadership and Entrepreneurship Camps: The Impact on Kentucky Communities and the Global Society
Donna Hancock, University of Kentucky

What Is a Usual Source of Care? Medical Homes and Continuity of Care for Children on Mississippi Medicaid
C.J. Campbell, Mississippi State University
J.S. Cossman, Mississippi State University
J.B. Ritchie, Mississippi State University
Income Inequality in the Alabama Black Belt: Spatial Analysis at Sub-County Level
Buddhi Gyawali, Alabama A&M University
Rory Fraser, Alabama A&M University
James Bukenya, Alabama A&M University
John Schelhas, Tuskegee University

Food Stamps, Race, and Rural Food Insecurity
Andrew A. Zekeri, Tuskegee University

Food Security, Obesity, and Household Status among Female Food Pantry Clients in East Alabama: Results of an Exploratory Study
Patricia A. Duffy, Auburn University
Claire Zizza, Auburn University
Marina Irimia-Vladu, American University of Sharjah
Francis A. Tayie, Auburn University

Human Dimensions of Agriculture – II
Residential Differences in Attitudes Toward Florida Agriculture
Eric K. Kaufman, University of Florida
Glenn D. Israel, University of Florida
Tracy Irani, University of Florida

Farm Policy and Destabilizing Rural Southern Communities: The Case of Black Cotton Farmers
Jerry Pennick, Federation of Southern Cooperatives/Land Assistance Fund
Heather Gray, Federation of Southern Cooperatives/Land Assistance Fund

Tennessee Consumers’ Knowledge and Attitudes towards Biotechnology
Fisseha Tegegne, Tennessee State University
Safdar Muhammad, Tennessee State University
Enefiok Ekanem, Tennessee State University
Surendra Singh, Tennessee State University

Consumer Perceptions and Willingness-to-Pay for GM-Free Food Products in Southern Underserved Communities
Duncan M. Chembezi, Alabama A&M University
E’licia L. Chaverest, Alabama A&M University
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