One Hundred and Eighth Annual Meeting

SOUTHERN ASSOCIATION OF AGRICULTURAL SCIENTISTS

2011 Program Book

For their support of the Southern Association of Agricultural Scientists, special thanks are expressed to:

For the Reception:

Southern Farm Bureau Life Insurance Company
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1401 Livingston Lane - 39213-8098
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For printing of the programs:

LSU AgCenter
P.O. Box 25203
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(225) 578-4164
Email: brichardson@agcenter.lsu.edu

Conference participants are encouraged to thank the sponsors for their support of the SAAS.

Omni Hotels Marina & Bayfront
707 and 900 North Shoreline Blvd.
Corpus Christi, TX 78401
Southern Association of Agricultural Scientists
Annual Meeting and Conference

Corpus Christi, TX

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 taking part in this effort!

Visit the SAAS website: www.saasinc.org
SAAS PROGRAMS

Omni Hotels – Bayfront & Marina

SAAS Registration
Sunday 8:00 am - 4:00 pm
Monday 8:00 am - 4:00 pm
Tuesday 8:00 am – Noon
Bayfront – Preassembly Area

SAAS Opening Session and General Business Meeting
Sunday, February 6
4:00 pm – 6:00 pm
Bayfront – Nueces Ballroom A

“Super Bowl Party”
Come watch the game!
Sponsored by Southern Farm Bureau Life Insurance Co.
Jackson, Mississippi and Affiliates
6:00 pm - Sunday, February 6
Offsite Brewster Street Icehouse

Executive Committee Meetings

Sunday, February 6
SAAS Board Meeting
2:30 pm – 3:30 pm
Bayfront – Bayview Room

Tuesday, February 8
SAAS Board Breakfast Meeting
7:30 am – 9:30 am
Bayfront – Bayview Room

REGISTRATION INFORMATION

Associations will have registration tables set up at the locations shown below.

Fees: With the exception of Agronomy, please be prepared to pay registration fees by check or cash; we cannot accept credit cards. A receipt will be provided for reimbursement. Fees are association fees + SAAS fee ($60 faculty/professional fee or $5 graduate student fee; no SAAS fee for undergraduates).

<table>
<thead>
<tr>
<th>Academic Dept Heads</th>
<th>Sunday &amp; Monday – 8am-4pm Bayfront – Preassembly Area (SAAS table)</th>
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<tr>
<td>Admin Heads of Agric</td>
<td>Sunday &amp; Monday – 8am-4pm Bayfront – Preassembly Area (SAAS table)</td>
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<td>Ag Comm</td>
<td>Sunday &amp; Monday – 8am-4pm Bayfront – Preassembly Area (SAAS table)</td>
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<td>Ag Econ</td>
<td>Sunday – 2pm-4pm Monday – 8am-5pm Tuesday – 8am-5pm Marina – Ballrooms Lobby</td>
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<td>Ag Educ</td>
<td>Saturday – 3pm-600pm Bayfront – Hotel Lobby</td>
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<td>Agron</td>
<td>Sunday – 10am-4pm Monday – 7am-5pm AmBank – Bayview Ballroom A</td>
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<td>Animal Sci</td>
<td>Sunday – 11am-4pm Monday – 7:30am-4pm Tuesday – 8am-Noon Bayfront – Preassembly Area</td>
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<td>Biochem</td>
<td>Sunday &amp; Monday – 8am-4 pm Bayfront – Preassembly Area (SAAS table)</td>
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<td>Horticulture</td>
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<td>Plant Path</td>
<td>Sunday – 8am-3:30pm Monday – 8am-11:30am Bayfront – Preassembly Area</td>
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<tr>
<td>Rural Soc</td>
<td>Sunday – 8am-3:30pm Monday – 7:45am-3pm Marina – Ballrooms Lobby</td>
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ACADEMIC DEPARTMENT HEADS

SAAS Academic Department Heads
Monday, February 7, 2011
7:00 to 9:00 a.m.
Bayfront – Corpus Christi Ballroom C

ADMIN HEADS OF AGRICULTURE

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

Monday, February 7
7:30 am – 10:00 am

Administrative Heads of Agriculture Section (AHS) Meeting.
Breakfast will be served.

Bayfront – Partnership Boardroom
Sunday 9 a.m. Paper Session I, AmericanBank Center, Room 101

Welcome

Evaluating the Usability of the Texas Agricultural Research Database Website – Kelsey Hall, Courtney Meyers, & Laura Vaught, Texas Tech University

Featuring Agriculture: A Qualitative Analysis of Postsecondary Students’ Reactions to Agricultural Documentaries – Courtney A. Meyers, Erica Irlbeck, Kelsey Fletcher, & Jade Keith, Texas Tech University

10:15 a.m. Break

10:30 a.m. Paper Session II, AmericanBank Center, Room 101

Advertising Agrarian Unreality: College Students’ Preferences for Agricultural Commodity Advertising Content – Annie R. Specht, Texas A&M University, & Emily B. Rhoades, The Ohio State University

Narrowing the Farm-to-Plate Knowledge Gap through Semiotics and the Study of Consumer Responses Regarding Livestock Images – Joy Goodwin, University of Florida, & Emily B. Rhoades, The Ohio State University

The Effects of Livestock Production Claims on Voting Intention and Attitudes towards Conventional Products – Katie M. Abrams, University of Illinois, & Tracy Irani, University of Florida

12 p.m. Lunch (on your own)

1:30 p.m. Paper Session III, AmericanBank Center, Room 101

Readability of media information for Hurricane Ike Disaster Case Management Services – William Patton, Billy R. McKim, Scott R. Cummings, & Tracy A. Rutherford, Texas A&M University

Monday 8:30 a.m. Paper Session IV, AmericanBank Center, Room 101

Matching Millennials Motivations: Developing Strategic, Targeted Recruitment Materials to Increase Enrollment in Academic Programs focused on Agriculture – Lauri M. Baker, Quisto Settle, Christy Chiarelli, & Tracy Irani, University of Florida


Learning in a new land: Second Life in agriculture – Holli Leggette, Tracy A. Rutherford, & Amanda Sudduth, Texas A&M University

10 a.m. Break

10:30 a.m. Professional Development Session, AmericanBank Center, Room 101

Texas Sea Grant Floating Classroom Program – Dr. Russ Miget, Coordinator

12 p.m. Lunch (on your own)

1:30 p.m. Business meeting, AmericanBank Center, Room 101

3 p.m. Texas Sea Grant Floating Classroom cruise, Corpus Christi Bay
Poster Session

Innovative Idea Posters


Research Posters

1. Is There an App for That? -- Kori Barr, Texas Tech Univ.; Erica Irlbeck, Texas Tech Univ.


3. Postsecondary Students’ Perceptions of Media Coverage of Agriculture -- Laura Vaught, Texas Tech Univ.; Courtney A. Meyers, Texas Tech Univ.; Erica Irlbeck, Texas Tech Univ.

4. Graduate Students’ Perceptions of Ethics Education in Agriculture and Life Sciences -- Ashley Charanza, Texas A&M Univ.; Traci L. Naile, Texas A&M Univ.; Jennifer Williams, Texas A&M Univ.

5. Wired in College: Students at Three Land-Grants Use of Old and New Media -- Lauri M. Baker, Univ. of Florida; Quisto Settle, Univ. of Florida; Ricky Telg, Univ. of Florida; Tracy Irani, Univ. of Florida; Emily Rhoades, The Ohio State Univ.; Tracy Rutherford, Texas A & M Univ.

6. Experiential and Collateral Learning: An Assessment of an Agricultural Communications Capstone Course -- Traci Rhoades, Univ. of Arkansas; Jefferson Miller, Univ. of Arkansas; Leslie D. Edgar, Univ. of Arkansas

7. Comparison of Social Media Use Between Students and Instructors in Agriculture -- Quisto Settle, Univ. of Florida; Lauri M. Baker, Univ. of Florida; Ricky Telg, Univ. of Florida; Tracy Irani, Univ. of Florida; Emily Rhoades, The Ohio State Univ.; Tracy Rutherford, Texas A & M Univ.

8. Novelty Seekers: An Approach to Understanding Floral Preferences -- Deidra Slough, Univ. of Florida

Meeting room location:
Omni Hotel Marina Tower, Corpus Christi, Texas except for the Presidential Luncheon in Omni Hotel Bayfront Tower

SAEA Officers:
President: MICHAEL R. REED
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Editors: MARY MARCHANT AND DARRELL BOSCH

Southern Agricultural Economics Association
43rd Annual Meetings Program
February 5-8, 2011
Omni Hotel
Corpus Christi, Texas
1. **Internationalizing the College Experience for Agribusiness Students**  
   Joey E. Mehlhorn, Sandy Mehlhorn, and Donnie Daniels, University of Tennessee at Martin

2. **Lessons Learned in Recruiting Millennials into Food and Agribusiness Industries**  
   Kenrett Y. Jefferson-Moore, Autumn Mitchell, and Jazmine Bowser, North Carolina A&T State University

3. **Opportunities for SAEA Members through AAEA Outreach Efforts**  
   Damona Doye, Oklahoma State University, Walt Armbruster, Farm Foundation, and William Edwards, Iowa State University

4. **Accountability in Research and Extension**  
   Brant A. Wilbourn, Emily K. Seawright, Ronald D. Lacewell, M. Edward Rister, Allen W. Sturdivant, and Shauna R. Yow, Texas AgriLife Research, Texas A&M University, and Bill L. Harris, Texas Water Resources Institute, Texas A&M University

5. **Evaluating the Impact of QuickBooks Financial Education on Texas Panhandle Producers**  
   DeDe L. Jones, Jay A. Yates, and Jonathan R. Baros, Texas A&M University

6. **Assessing Obesity Rates and Factor Interaction**  
   Obed Quaicoe, Godfrey Ejimakor, and Ralph Okafor, North Carolina A&T State University

7. **Food Retail Market Development in India--Challenges and Opportunities**  
   Ranjit Mane and Eric Wailes, University of Arkansas

8. **Economic Impacts of Relaxing Travel and Financial Restrictions on U.S. Exports to Cuba**  
   C. Parr Rosson, Texas AgriLife Extension Service, and Flynn J. Adcock, Texas AgriLife Research

9. **Network Embeddedness, Market Access and Social Spending Inflation: A Case Study of Gift Network in Rural China**  
   Xi Chen, Cornell University

10. **Factors Affecting the Spread and Costs Associated with Influenza Illness: Focus on H1N1**  
    Ruth A. Aisabokhae, Mark Musumba, Bruce McCarl, and David Bessler, Texas A&M University

11. **Potential Impacts of MarketMaker on Recovery of Louisiana's Seafood Industry**  
    Benjamin Clark, Roger Hinson, and John Westra, Louisiana State University AgCenter

12. **Global Rice Export Trade -- A shift-share analysis**  
    Prithviraj Lakkakula, Eric Wailes, Bruce Dixon, and Diana Danforth, University of Arkansas

13. **Using Trade Data to Define Regions Based on Industry Concentration in the Gulf of Mexico States**  
    Raghavendra Kongari, Arun Adhikari, J. Matthew Fannin, and Ashok K. Mishra, Louisiana State University AgCenter

14. **Issues Related to Discounting Natural Resources**  
    Lindsi Dutton and M. Edward Rister, Texas AgriLife Research, Texas A&M University, Ronald D. Lacewell, Texas AgriLife Research and Texas AgriLife Extension, Texas A&M University, and Allen W. Sturdivant, Texas AgriLife Extension, Texas A&M University

15. **Assessing the Economic Benefits of Boll Weevil Eradication in Texas**  
    Dean A. McCorkle, Dan D. Hanselka, John R. C. Robinson, and Steven L. Klose, Texas A&M University

16. **Price Comparison of Ola, Ozark, and Conway, Arkansas Livestock Auctions for 5-6 Weight, Large, Number 1 Steers and Heifers**  
    Devon R. Terrell, Molly D. Brant, and Alvin W. Williams, Arkansas Tech University
17. Characteristics of Swine Farm Sales Data Under a De Facto Moratorium
Guido van der Hoeven, Sofia Kotsiri, and Kelly Zering, North Carolina State University

Mac Young, Joe Paschal, Cody Ringer, and Steven Klose, Texas AgriLife Extension Service

19. Incorporating Seasonality in Price Risk Management
J. Mark Welch and Tao Jiang, Texas A&M University

20. Evaluation of Ecosystem Service in Japanese Rural Areas
Yoji Kunimitsu, National Institute for Rural Engineering, NARO

21. A Stochastic Model for Estimating Harvest Days Each Week During the Fall
Gregory Ibendahl and Matthew Farrell, Mississippi State University

22. Cotton, Wheat, and Grain Sorghum Economics in the Southern Plains by Tillage System
Brandon T. Varner, Francis M. Epplin, and Gary L. Strickland, Oklahoma State University

23. A Life Cycle Analysis (LCA) Comparison between Conventional and Biotech Sweet Corn
Jada Thompson, Lanier Nalley, and Mike Popp, University of Arkansas

24. The Economics of Using Distiller Grains in Small-Scale Beef Operations in Indiana
Ken Foster, David Widmar, Dennis Buckmaster, Ronald Lemenager, and Nicole Olynk, Purdue University

25. The Economic Impact of Ethanol on the Southern High Plains of Texas
Bridget Guerrero, Texas AgriLife Extension Service, Jeffrey Johnson, Texas Tech University, Stephen Amosson, Texas AgriLife Extension Service, and Phillip Johnson, Eduardo Segarra, and James Surles, Texas Tech University

26. Biodiesel Production and Implication to Rural Economies in Alabama
Debra Daniel and Ellene Kebede, Tuskegee University

27. The Value and Impact of Geospatial Variables on Determining Optimal Wind Locations
Rahul Kanungoe, Eric Belasco, Michael Farmer, and Ryan Williams, Texas Tech University

28. Economic Benefit of White Flesh Sweetpotato Ethanol for Vegetable Producers in Alabama
Edinam Adzosii, Ellene Kebede, Conrad Bonsi, and Desmond Mortley, Tuskegee University

29. Switchgrass Monocultures versus Diverse Mixtures of Grasses and Forbs to Produce Biomass Feedstock
Andrew P. Griffith, Francis M. Epplin, and Samuel D. Fuhlendorf, Oklahoma State University, and Robert Gillen, Kansas State University

Jnaneshwar R. Girase, Lal K. Almas, David G. Lust, and W. Arden Colette, West Texas A&M University

31. Biodiesel Production and Implication to Rural Economies in Alabama
Debra Daniel and Ellene Kebede, Tuskegee University

***************
Monday 8 a.m. - 5 p.m.
Registration
Ballrooms Lobby

Monday 8 a.m. - 5 p.m.
Quiz Bowl
Riviera 3
Break: Riviera 3

Monday 8 a.m. - 5 p.m.
Recruitment Fair
Marina Ballrooms Lobby
Break: Riviera 3

Monday 8:30 a.m. - 10:10 a.m.
Selected Papers 1
Padre Island A

Title: Production Economics
Moderator: Roger Hinson, Louisiana State University
8:30 Assessing the Value of Climate Information in Agriculture Using the Stochastic Production Frontier Approach
Daniel Solís and David Letson, University of Miami, and Boris Bravo-Ureta, University of Connecticut

8:50 Dairy Breeding Technologies: Adoption and Profitability
Aditya R. Khanal, Virginia Polytechnic Institute and State University, and Jeffrey M. Gillespie, Louisiana State University

9:10 Intensive versus Extensive Dairy Production Systems in the US and the EU: Determining the Competitive Edge
Richard Nehring, Economic Research Service, USDA, Johannes Sauer, University of Manchester, Jeffrey Gillespie, Louisiana State University, and Charlie Hallahan, Economic Research Service, USDA

9:30 Effects of No-Tillage on Yields and Downside Risk the Across the United States
Dustin K. Toliver, James A. Larson, Burton C. English, Roland K. Roberts, and Daniel G. de la Torre Ugarte, University of Tennessee, Tristram O. West, Pacific Northwest National Laboratory and University of Maryland

Monday 8:30 a.m. - 10:10 a.m.
Selected Papers 2
Padre Island B

Title: Farm Management
Moderator: Deacue Fields, Auburn University

8:30 The Beneficial Impact of Sorting Heavy Cattle at Re-Implant
David J. Link, Lal K. Almas, Ty E. Lawrence, and Michael S. Brown, West Texas A&M University

8:50 Analysis of Factors Affecting Farmers’ Willingness to Adopt Switchgrass Production
D. Joshua Qualls, Kimberly L. Jensen, Burton C. English, James A. Larson, and Christopher D. Clark, The University of Tennessee

9:10 Economic Analysis of High Fertilizer Input, Over-seeded Clover and Native Pasture Production Systems in the Texas Coastal Bend
Lawrence L. Falconer and Luis A. Ribera, Texas AgriLife Extension Service, and Gerald W. Evers, Texas AgriLife Research

9:30 An Economic Performance Analysis of the Beef Cow-herd Enterprise Using a Stochastic Frontier Function
Jaesung Cho, Loren W. Tauer, and Charles H. Dyson School of Applied Economics and Management, Cornell University, Seong C. Park and Stanley J. Bevers, Texas AgriLife Research and Extension Center

9:50 Contract Grazing on Winter Annuals: Risks and Returns for Cattle Owners
Manik Anand, Patricia A. Duffy, David Bransby and Carla Shoemaker, Auburn University, and Jason S. Bergtold, Kansas State University

Monday 8:30 a.m. - 10:10 a.m.
Selected Papers 3
Padre Island C

Title: Agricultural Policy
Moderator: Keith Coble, Mississippi State University

8:30 Taxpayer Preferences for Farm Policy and USDA Budget Expenditures
Brenna Ellison and Jayson Lusk, Oklahoma State University, and Brian Briggeman, Federal Reserve Bank of Kansas City

8:50 The Effects of Domestic Offset Programs on the Cotton Market
Suwen Pan, Darren Hudson, and Maria Mutuc, Cotton Economics Research Institute, Department of Agricultural and Applied Economics, Texas Tech University

9:10 United States Tobacco Industry After the Buyout
James E. Epperson and Ganna Sheremenko, The University of Georgia

9:30 Macroeconomic Effects of the Stock Management for the Irrigation and Drainage Facilities in Japan: Application of Recursive- Dynamic CGE Model
Yoji Kunimitsu, National Institute for Rural Engineering of NARO

9:50 Impact of Ethanol Policies on Livestock Production in the United States
Dragan Miljkovic and Saleem Shaik, North Dakota State University, and Dane Braun, North Dakota State Department of Agriculture
AGRICULTURAL ECONOMICS

Monday 8:30 a.m. - 10:10 a.m.
Selected Papers 4
Padre Island D

Title: International Agriculture and Trade
Moderator: Andrew Muhammad, Economic Research Service, USDA

8:30 Dynamic Effects of an Economic Partnership Agreement: Implications for Senegal
Lassana Cissokho, Suffolk University

8:50 Financial Development and International Agricultural Trade: Is There a Connection?
Dwi Susanto and C. Parr Rosson, Texas A&M University

9:10 The Recession and Its Impacts on Foreign Direct Investment Flows into the Food Systems of Developing Countries
Md. Ashfaqul Islam Babool, Senior Assistant Secretary Government of Bangladesh, and Sayed Saghaian, University of Kentucky

9:30 Measurements of Agricultural Productivity and Efficiency Gains from NAFTA
Osei Yeboah, Cihat Gunden, and Tongzhe Li, North Carolina A&T State University, Saleem Shaik, North Dakota State University, and Albert J. Allen, Mississippi State University

9:50 Producers and Consumer Attitudes toward Biotechnology in Ghana
Annie Nsacoah and Michael R. Dicks, Oklahoma State University, and Collins Osei and Kwame Krumah, University of Science and Technology, Ghana

AGRICULTURAL ECONOMICS

Monday 8:30 a.m. - 10:10 a.m.
Selected Papers 5
Duval

Title: Resource and Environmental Economics
Moderator: Ira Altman, Southern Illinois University

8:30 How a National Carbon Policy Could Affect Grain Variety Selection: The Case of Rice in Arkansas
Brandon McFadden, Oklahoma State University and Lanier Nalley, University of Arkansas

8:50 The Impact of Biofuels on the Propensity of Land-Use Conversion among Non-Industrial Private Forest Landowners in Florida
Nishita Pancholy and Michael H. Thomas, Florida A&M University, Daniel Solis, University of Miami, and Nicholas Stratis, Florida Department of Environmental Protection

9:10 Adaptation to Climate Change: Land Use and Livestock Management in the US
Jianhong Mu and Bruce A. McCarl, Texas A&M University

9:30 An Analysis of the Determinants of Flood Damages
Susana Ferreira, University of Georgia

9:50 Producer Willingness to Supply Biomass: The Effects of Price and Producer Characteristics
Ira J. Altman and Dwight R. Sanders, Southern Illinois University-Carbondale, Jason S. Bergtold, Kansas State University, and Thomas G. Johnson, University of Missouri-Columbia

Monday 8:30 a.m. - 10:10 a.m.
Selected Papers 6
Keleberg

Title: Marketing and Industrial Organization
Moderator: Kalyn Coatney, Mississippi State University

8:30 The Affect of Animal Gender on Fed Cattle Marketing Behavior
Brent Lange, Scott W. Fausti, Bashir Qasmi, Matthew Diersen, and Jing Li, South Dakota State University

8:50 Effects of a Traceability System on the Economic Impacts of a Foot-and-Mouth Disease Outbreak
Jason P.H. Jones, Texas A & M University, Jared G. Carlberg, University of Manitoba, and Dustin L. Pendell, Colorado State University

9:10 The Informativeness of Prices as Quality Signals in the Thoroughbred Industry
Brian Chezum, St. Lawrence University, and C. Jill Stowe, University of Kentucky
AGRICULTURAL ECONOMICS

9:30 Determinants of Profitability Performance: An Analysis of Class I Railroads in the U. S.
Albert J. Allen and Albert E. Myles, Mississippi State University, Saleem Shaik, North Dakota State University, and Osei Yeboah, North Carolina A&T State University

9:50 Buying Local" Means "Selling Local" - Using a Transportation Alliance of Environmental Horticulture Producers in Georgia
Forrest Stegelin, Jack Houston, Javier Mantilla Compte, Paul Thomas, and Matthew Chappell, University of Georgia

Monday 8:30 a.m. - 10:10 a.m.
Selected Papers 7
Riviera 1

Title: Rural and Community Development
Moderator: Olga Murova, Texas Tech University

8:30 Determinants of Cost Inefficiency of Critical Access Hospitals: A Two-stage, Semi-parametric Approach
I. Cristian Nedelea and J. Matthew Fannin, Louisiana State University AgCenter

8:50 Pure Entertainment or Social Harmony? Understanding Private Returns to Social Spending on Household Ceremonies in China
Xi Chen, Cornell University

9:10 A Simultaneous Growth Equilibrium Model for Telecommunications and Economic Growth: Evidence from Sub-Saharan Africa (SSA)
Chali Nondo, Albany State University, Mulugeta S. Kahsai and Peter V. Schaeffer, West Virginia University

9:30 Measuring Fiscal Effects Based on Changes in Deepwater Off-shore Drilling Activities
Caroline Boen, Arun Adhikari, and J. Matthew Fannin, Louisiana State University AgCenter, and Walter R. Keithly, Louisiana State University

9:50 Examining the Impact of Human Capital on Employment and Income in Mississippi
Maribel N. Mojica and Wesley L. Whittaker, Alcorn State University

10:10 - 10:30 Break: Refreshments served in Marina Ballrooms Lobby

AGRICULTURAL ECONOMICS

Monday 10:30 a.m. - 11:50 a.m.
Selected Papers 8
Padre Island A

Title: Extension/Production Economics
Moderator: John Michael Riley, Mississippi State University

10:30 The Relevance of Information Sources on Adoption of Precision Farming Technologies by Cotton Producers
Carlos I. García-Jiménez and Ashok K. Mishra, Louisiana State University

10:50 Evaluating the Feasibility of Expanding Direct Marketing Opportunities for Small Producers in Alcorn County, Mississippi
Albert E. Myles, Patrick PoinDEXTER, and Albert J. Allen, Mississippi State University

11:10 Searching for the Golden Grail: An Optimal Soybean Marketing Frequency Strategy
C. Robert Stark, Jr., Kelly J. Bryant, and Paul B. Francis, University of Arkansas at Monticello/UA-SERC

11:30 What is the Potential for Irrigated Introduced Pecan Orchards in the Southern Plains?
Job D. Springer and Charles Rohla, The Samuel Roberts Noble Foundation, and Wyatt Swinford, Oklahoma State University

Monday 10:30 a.m. - 11:50 a.m.
Selected Papers 9
Padre Island B

Title: Teaching/ Resource and Environmental Economics
Moderator: Al Myles, Mississippi State University

10:30 Use of Digital Learning Objects to Improve Student Problem Solving Skills
Sandy Mehlhorn, Scott Parrott, Joey Mehlhorn, Timothy Burcham, Jason Roberts, and Philip Smartt, University of Tennessee at Martin

10:50 The Killer Course Hypothesis: Differences between Agriculture Students and Non-Agriculture Students
Justin G. Gardner, Middle Tennessee State University

11:10 Economic Feasibility of Adopting High Tunnel Technology by Small Farmers
Veeranand Konangi, Randall D Little, Ken Hood, Kalyn Coatney, and Kim Morgan, Mississippi State University
Title: Winter Safflower Biodiesel: A Green Biofuel for the Southern High Plains
Bing Liu and Aaron Benson, Texas Tech University

Monday 10:30 a.m. - 11:50 a.m.
Selected Papers 10
Padre Island C

Title: Agribusiness and Finance
Moderator: Rodney Holcomb, Oklahoma State University

10:30 Producers Cooperative Oil Mill: A Case Study in Cooperative Management
Phil Kenkel and Rodney Holcomb, Oklahoma State University

10:50 Can Weather Derivatives Help Ecuador Rice Producers to Manage Risk?
Leonardo Sanchez-Aragon and Dmitry Vedenov, Texas A&M University

Title: Structure of Interdependencies among International Stock Markets and Contagion Patterns of 2008 Global Financial Crisis
Zafarbek Nematovich Ahmedov and David Bessler, Texas A&M University

11:30 Factors Influencing Successful Small-Farm Operations in North Carolina
Anthony K. Yeboah, John Paul Owens, and Jarvetta S. Bynum, North Carolina A&T State University

Monday 10:30 a.m. - 11:50 a.m.
Selected Papers 11
Padre Island D

Title: Rural and Community Development
Moderator: Garen Evans, Mississippi State University

10:30 Confined Animal Feeding, Communities, and Social Capital
Roman Keeney and Janet Aytres, Purdue University

10:50 Determinants of Adoption of Conservation Agriculture Technologies by Smallholder Farmers in the Shamva District of Zimbabwe: A Tobit Application
Brian Chiputwa, University of Georgia, Augustine S. Langyintuo, Alliance for a Green Revolution in Africa (AGRA), and Patrick Wall, International Maize and Wheat Improvement Center (CIMMYT),

Title: Impact of the Green Revolution on Changes in Forest Cover in Developing Countries: A Causality Assessment
Ruth A. Aisabokhae, Padmaja Pancharatnam, Piya Abeygunawardena, and Bruce McCarl, Texas A&M University

11:30 An Optimal Control Framework to Address the Relationship between Water Resource Management and Water-borne Health Impacts: Focus on the Texas Lower Rio Grande Valley
Andrew J. Leidner, Ronald D. Lacewell, M. Edward Rister, and Allen W. Sturdivant, Texas A&M University

Monday 10:30 a.m. - 11:50 a.m.
Selected Papers 12
Duval

Title: Food Consumption, Safety and Policy
Moderator: Ron Rainey, University of Arkansas

10:30 Demographic and Economic Profiling of US Demand for Probiotics: The Case of Drinkable Yogurt
Senarath Dharmasena and Oral Capps, Jr, Texas A&M University

10:50 An Analysis of Specific Food Safety Events on Consumers’ Confidence
Jessica I. Hill, Abhishek Bhagwat Bharad, and R. Wes Harrison, Louisiana State University

11:10 Got (Safe) Milk? Chinese Consumers’ Valuation for Select Food Safety Attributes
David L. Ortega, H. Holly Wang, and Nicole J. Olynk, Purdue University, Laping Wu, China Agricultural University, and Junfei Bai, Center for Chinese Ag. Policy

Monday 10:30 a.m. - 11:50 a.m.
Selected Papers 13
Riviera 1

Title: Research and Quantitative Methods/ Ag Policy
Moderator: Jesse Tack, Mississippi State University
AGRICULTURAL ECONOMICS

10:30 Optimal Coverage Level Choice with Individual and Area Plans of Insurance
Harun Bulut, Keith Collins, and Tom Zacharias, National Crop Insurance Services (NCIS)

10:50 What Can We Learn from Our Mistakes? Evaluating the Benefits of Correcting Inefficiencies in USDA Cotton Forecasts
Olga Isengildina-Massa, David Tysinger, and Patrick Gerard, Clemson University, and Stephen MacDonald, Economic Research Service, USDA

Rachna Tewari, Texas Tech University, and Lal K. Almas and David G. Lust, West Texas A&M University

Monday 10:30 a.m. - 11:50 a.m.
Organized Symposium 1
Keleberg

Title: Economic Impacts of U.S. Agricultural Trade on the South
Organizers: Flynn Adcock and Parr Rosson, Texas AgriLife/Texas A&M University
Moderator: Mickey Paggi, California State University-Fresno

Presenters:
1. Flynn Adcock and Parr Rosson, Texas A&M University, Impacts of Agricultural Exports on the South
2. Parr Rosson and Flynn Adcock, Texas A&M University, Southern U.S. Exports to Cuba
3. Lynn Kennedy, Louisiana State University, Import Competition Impacts on Sugar and Crawfish
4. Jaime Malaga, Texas Tech University, Recent Trends in U.S. Cotton and Sorghum Exports and their Impacts on the South

Discussant: Mickey Paggi, California State University-Fresno

AGRICULTURAL ECONOMICS

11:50 - 1:15 43rd Annual SAEA Meetings Luncheon
(Note: Omni Hotel Bayfront Tower is located two blocks from the Omni Hotel Marina Tower on Shoreline Boulevard)

Welcome
Michael R. Reed, SAEA President

Presidential Address
Darren Hudson
“Defining” Our Future
Bayfront – Corpus Christi Ballroom B/C

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

Title: Applications and Innovations in Spatial Econometrics
Organizers: Michael C. Farmer and Eric Belasco, Texas Tech University
Moderator: Eric Belasco, Texas Tech University

Presenters:
1. Spatial Approaches to Panel Data in Agricultural Economics
   Kathy Baylis and Nick Paulson, University of Illinois, and Gianfranco Piras, University of West Virginia
   Dayton Lambert and Wan Xu, University of Tennessee
   Michael C. Farmer and Eric Belasco, Texas Tech University, and Sujit Ghosh, North Carolina State University

Discussant: James LeSage, University of Texas at San Marcos
Title: Economic Sustainability of Rural Areas
Organizer: Olga Murova, Texas Tech University
Moderator: Olga Murova, Texas Tech University
Presenters:
1. Determinants of Returns on Investment in Rural Tourism
   Olga Murova, Texas Tech University, and Roger Hanagriff, Texas A&M Kingsville
2. Marketing Promotion of Texas Agricultural Products: Impacts on Rural Economies
   Jaime Malaga and Bing Xu, Texas Tech University
3. Viability of Organic Production in Rural Counties: County and State Level Evidence from the US
   Genti Kostandini, University of Georgia, Elton Mykerezi, University of Minnesota, and Eftila Tanellari, Virginia Tech
Discussant: Douglass Constance, Sam Houston State University

3:00 - 3:20 Break: Refreshments served in Marina Ballrooms Lobby

Monday 3:20 p.m. - 5:00 p.m.
Selected Papers 15
Padre Island B

Title: Food Consumption, Safety and Policy
Moderator: John Park, Texas A&M University

3:20 Investigating Professional Orientation and Sustainability Preferences: A Mixed Methods Sequential Approach
Carly S. Whorton and Vincent Amanor-Boadu, Kansas State University

3:40 Is Chocolate Milk the New-Age Energy/Sports Drink in the U. S.?
Senarath Dharmasena and Oral Capps, Jr., Texas A&M University

4:00 Factors Impacting Participation and Purchases by Members of the Oklahoma Food Cooperative
Rodney B. Holcomb and Philip Kenkel, Oklahoma State University

4:20 Socio-Economic and Demographic Factors Affecting the Likelihood of Being an Overweight Korean Woman
Padmanand Madhavan Nambiar and Wojciech J. Florkowski, University of Georgia, and Dong-Kyun Suh, Rural Development Administration, Republic of Korea

4:40 Community Food Store Types Availability Is Associated with Fruit and Vegetable Consumption in North Carolina
Kofi Adu-Nyako and Ralph Okafor, North Carolina A&T State University
Title: Resource and Environmental Economics
Moderator: Susana Ferreira, University of Georgia

3:20 It Pays to Be Green: A Hedonic Stock Price Model for Environmental Behavior Among Large US Firms
Muhammad S. Ahmadin, University of Kentucky and Sullivan University

3:40 An Ethanol Blend Wall Shift Is Prone to Increase Petroleum Gasoline Demand
Cheng Qiu and Michael E. Wetzstein, University of Georgia, and Zibin Zhang, Zhejiang University, China

4:00 Manure Application Rules and Environmental Considerations
Raymond E. Massey, University of Missouri, and Haluk Gedikoglu, Lincoln University of Missouri

4:20 A Comparison and Evaluation of Agricultural Nonpoint Source Credits in Chesapeake Bay Water Quality Trading Programs
Annah Latane and Kurt Stephenson, Virginia Tech

Monday 3:20 p.m. - 5:00 p.m.
Selected Papers 17
Padre Island D

Title: Farm Management
Moderator: Gregg Ibendahl, Mississippi State University

3:20 Motivation for Technology Adoption and Its Impact on Abandonment: A Case Study of US Cotton Farmers
Hiroki Uematsu and Ashok K. Mishra, Louisiana State University

Title: Agricultural Policy
Moderator: Olga Isengildina, Clemson University

3:20 Customizable Area Whole Farm Insurance (CAWFI)
Lekhnath Chalise, Keith H. Coble, and Barry J. Barnett, Mississippi State University

3:40 Impact of US Corn-based Ethanol Production on Land Use
Folakemi Sobowale, Mike Dicks, and Jody Campiche, Oklahoma State University

Monday 3:20 p.m. - 5:00 p.m.
Selected Papers 16
Padre Island C

4:00 Integrated On Farm Decision Making: Economic Implications of Increased Variation in Litter Size
David Widmar, Nicole Olynk, Allan Schinckel, and Brian Richert, Purdue University

4:20 Utilizing Cow-Calf Producer Information to Increase Profits in Retained Ownership of Beef Cattle
Brian R. Williams, Oklahoma State University, and Matthew C. Stockton, University of Nebraska-Lincoln

4:40 Economic Feasibility of Commercial Algae Oil Production in the US
Bart Fischer, James Richardson, and Joe Outlaw, Texas A&M University, and Marc Allison, Kansas Farm Management Association
Monday 3:20 p.m. - 5:00 p.m.  
Selected Papers 19  
Keleberg

Title: International Agriculture and Trade  
Moderator: Osei Yeboah, North Carolina A&T State University

3:20 Effects of China’s Anti-dumping Tariffs on US-China Bilateral Poultry Trade  
Xiaofei Li, Lewell F. Gunter, and James E. Epperson, University of Georgia

3:40 Evaluating the Role of Migration on Efficiency and Productivity of the Domestic Economy  
Anna Glazyrina, Anais Liogier, and Saleem Shaik, North Dakota State University

4:00 Efficiency Measure in Nitrogen Management under US Corn Production  
Osei Yeboah, Cihat Gunden, and Akua Akuffo, NC A&T State University, and Albert Allen, Mississippi State University

4:20 The Impact of Market Structure on Burkina Faso’s Cotton Sector Competitiveness  
Emmanuel Tumusiime and Jeffrey Vitale, Oklahoma State University, and Felix G. Baquedano, Economic Research Service, USDA

Wanki Moon, Southern Illinois University, Won W. Koo, North Dakota State University, and Changgil Kim, Korea Rural Economic Institute

Monday 3:20 p.m. - 5:00 p.m.  
Organized Symposium 2  
Riviera 2

Title: Food Safety Policy and Impacts to Producers, Consumers and International Trade  
Organizers: Luis Ribera, Texas A&M University and Mickey Paggi, California State University, Fresno  
Moderator: Luis Ribera, Texas A&M University

Monday 3:20 p.m. - 5:00 p.m.  
Organized Symposium 3  
Riviera 1

Title: Market News Service and Its Role in Price Discovery: Past, Present and Future Directions for the Service in Southern States  
Organizer: R. Pruitt, Louisiana State University  
Moderator: R. Curt Lacy, University of Georgia  
Presenters:
1. James Robb, Livestock Marketing Information Center, Lakewood, Colorado,  
2. Warren P. Preston, Agricultural Marketing Service, USDA  
3. R. Curt Lacy, University of Georgia

Monday 5:15 p.m. -7:00 p.m.  
SAEA Business Meeting and Awards Program  
Riviera 1 and 2

Monday 7:00 p.m. - 9:00 p.m.  
Undergraduate Student Reception  
A 2-hour cruise on Corpus Christi Bay with the Majestic Yacht Company. Departure from Texas State Aquarium, boarding begins at 6:40 pm, departure at 7:00pm.

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Tuesday 8 a.m. - 5 p.m.  
Registration  
Ballrooms Lobby

Tuesday 8:00 a.m. - 10:00 a.m.  
Keynote Speaker Breakfast  
James Dodson  
“Questions from the Country”  
Riviera 1, 2, and 3
Tuesday 10:15 a.m. - 12 noon
Lifetime Achievement Symposium
Padre Island C

2011 Award Winners
Patricia A. Duffy, Auburn University
C. Parr Rosson, III, Texas A&M University
Steven C. Turner, Mississippi State University

Tuesday 10:00 - 10:15 Break: Refreshments served in Marina Ballrooms Lobby

Tuesday 10:15 a.m. - 12 noon
Poster Session
Marina Ballrooms Lobby

Tuesday 10:15 a.m. - 12 noon
Invited Papers 3
Riviera 4

Title: Impacts and Outcomes of Evolving Bioenergy Policy in the South
Organizers: Keith Coble and Corey Miller, Mississippi State University
Moderator: Corey Miller, Mississippi State University
Presenters:
1. Policies to Facilitate Conversion of Millions of Acres to the Production of Biofuel Feedstock
   Francis Epplin and Mohua Haque, Oklahoma State University

2. Modeling Interactions of a Carbon Offset Policy and Biomass Markets on Crop Allocations
   Michael Popp and Lanier Nalley, University of Arkansas

3. Incentives Matter: Assessing Biofuel Policies in the South
   Keith Coble and Corey Miller, Mississippi State University

Tuesday 10:15 a.m. - 12 noon
Invited Papers 4
Riviera 5

Title: Water Scarcity—Future Uses and Implications for Policy
Organizer: Jeff Johnson, Texas Tech University
Moderator: Jeff Johnson, Texas Tech University
Presenters:
1. Water Conservation Policies to Mitigate Declining Groundwater Availability in High Plains Aquifer
   Jeff Johnson, Texas Tech University

2. Projecting and Planning Water Use in Georgia
   Jeff Mullen, University of Georgia

3. Challenges and Opportunities for the Rio Grande
   Ed Rister, Texas A&M University
   Discussant: David Willis, Clemson University

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

Tuesday 1:20 p.m. - 3:00 p.m.
Selected Papers 20
Padre Island C

Title: Marketing and Industrial Organization
Moderator: Kalyn Coatney, Mississippi State University

1:20 Promoting a Local Brand: Assessing the Economic Impact of the Texas Superstar® and Earth-Kind® Advertisement Campaign
   Alba J. Collart and Marco A. Palma, Texas A&M University, and Carlos E. Carpio, Clemson University

1:40 Market Coordination in the Beef Stocker Sector: Short and Long Run Impacts of Higher Corn Prices
   Derrell S. Peel, Oklahoma State University

2:00 The Role of Specialty Food Stores and Farmers’ Markets in the Procurement of Local Foods
   Sarah E. Wixson, Ani L. Katchova, Timothy Woods, and Wuyang Hu, University of Kentucky

2:20 Local Food Procurement and Promotion Strategies of Food Cooperatives
   Ani L. Katchova and Timothy A. Woods, University of Kentucky

2:40 Demand System Estimation: An Application to Merger Simulations in the US Coffee Industry
   Margil Funtanilla and Benaissa Chidmi, Texas Tech University
Title: **Potpourri**  
Moderator: Forrest Stegelin, University of Georgia

1:20 **The Causality of Foreign Direct Investment and Its Effects on Economic Growth: Re-estimated Using Directed Graphs**  
Yarui Li, Joshua D. Woodard, and David J. Leatham, Texas A&M University

1:40 **Determinants of Swine Farm Sale Prices Under a De Facto Moratorium**  
Kelly Zering, Guido van der Hoeven, and Sofia Kotsiri, North Carolina State University

2:00 **Dynamic Analysis of Land Prices with Flexible Risk Aversion Coefficients Using Panel Data**  
Jin Xu and David Leatham, Texas A&M University

2:20 **Income Convergence in the South: Myth or Reality?**  
Buddhi "Raj" Gyawali, Swagata "Ban" Banerjee, Anquinette Hill, and James O. Bukenya, Alabama A&M University

2:40 **Estimation of a Composite Food Demand System for the U. S.-A Revisit**  
Haobo Luo and Chung L. Huang, University of Georgia, and Biing-Hwan Lin, Economic Research Service, USDA

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**Tuesday 1:20 p.m. - 3:00 p.m.**  
**Selected Papers 22**  
**Riveria 5**

Title: **Production Economics**  
Moderator: Phil Kenkel, Oklahoma State University

1:20 **Urban Influence on Costs of Production in the Corn Belt: How Climate Change and the Ethanol Mandate Matter**  
Andrew Martin, University of Maryland, Richard Nehring, Ken Erickson, Charlie Hallahan, and David Nulph, Economic Research Service, USDA
2:20 **Modeling Pine as a Carbon Sequestering Crop in Arkansas**  
Stephen A. Smith, Michael Popp, and L. Lanier Nalley, University of Arkansas

2:40 **Effect of Agricultural Activity on River Water Quality: A Case Study for Lower Colorado River Basin**  
Naveen C. Adusumilli, Ronald D. Lacewell, M. Edward Rister, Joshua D. Woodard, and Allen W. Sturdivant, Texas AgriLife Research and Extension

**Tuesday 1:20 p.m. - 3:00 p.m.**  
**Selected Papers 24**  
**Padre Island B**

**Title:** Farm Management  
*Moderator:* Ken Hood, Mississippi State University

1:20 **Economic Analysis of Cellulosic Feedstock for Bioenergy in the Texas Rio Grande Valley**  

1:40 **The Impacts of Farm Size and Economic Risk on No-Till Rice Whole-Farm Profitability**  
K. Bradley Watkins, Jeffrey A. Hignight, and Merle M. Anders, University of Arkansas

2:00 **Stocking Rates of Cattle under Rotational Grazing: The Influence on Farm Profitability**  
Jeffrey Gillespie, Wayne Wyatt, David Blouin, Weldon Nipper, and Robert Boucher, Louisiana State University, and Brad Venuto, Agricultural Research Service, USDA

2:20 **Profitability at Various Stages of Production in Oklahoma Beef Cattle Using Three Common Retention Strategies**  
Brian R. Williams and Eric A. Devuyst, Oklahoma State University

2:40 **Optimal Marketing Strategies for Southeastern Cattle Producers**  
J. Ross Pruitt, Louisiana State University AgCenter and John Michael Riley Mississippi State University

Tuesday 1:20 p.m. - 3:00 p.m.  
**Selected Papers 25**  
**Riviera 4**

**Title:** Agricultural Policy  
*Moderator:* Jesse Tack, Mississippi State University

1:20 **Real Options Examination of Producer Willingness to Switch to Energy Crops in the US**  
Jonathon Little, Keith H. Coble, and Daniel R. Petrolia, Mississippi State University

1:40 **The Farm Level Impacts of Replacing Current Farm Programs with a Whole Farm Revenue Program**  
J. Marc Raulston, James W. Richardson, Joe L. Outlaw, and George M. Knapek, Texas A&M University

2:00 **Investigating the Redundancies in Current Farm Programs**  
George M. Knapek, James W. Richardson, and Joe L. Outlaw, Texas A&M University

2:20 **Preparedness of the Arkansas Grain and Oilseed Industry for Bioterrorism**  
Vivek Nemane, Rita Carreira, Diana Danforth, and Eric Wailes, University of Arkansas

2:40 **Analysis of US Rice Policy in a Global Stochastic Framework**  
Eddie C. Chavez and Eric J. Wailes, University of Arkansas

Tuesday 1:20 p.m. - 3:00 p.m.  
**Selected Papers 26**  
**Padre Island D**

**Title:** International Agriculture and Trade  
*Moderator:* Wes Harrison, Louisiana State University

1:20 **Hybrid Rice and Its Impact on Food Security and the Pattern of Global Production and Trade**  
Alvaro Durand-Morat, Eddie C. Chavez, and Eric Wailes, University of Arkansas

1:40 **United States Chicken and Grain Exports to Mexico: Competing for the Same Market?**  
Teresa Duch-Carvallo and Jaime Malaga, Texas Tech University
2:00 Competitiveness of Latin American Exports in the US Banana Market
Andrew Muhammad and Steven Zahniser, Economic Research Service, USDA, and Greg E. Fonsah, University of Georgia

2:20 An Analysis of the Import Demand for Fresh Bananas in the US
Chia-Hsien Su, Ariun Ishdorj, and David J. Leatham, Texas A&M University

2:40 Restricted Source Differentiated Almost Ideal Demand System Estimation for US Apple Juice Imports
Dawit Kelemework Mekonnen and Esendugue Greg Fonsah, University of Georgia

Tuesday 1:20 p.m. - 3:00 p.m.
Selected Papers 27
Riviera 2

Title: Marketing and Industrial Organization
Moderator: Joey Melhorn, University of Tennessee at Martin

1:20 Livestock Market Integration and Price Discovery: Case of Mali
Jean Claude Bizimana and David Bessler, Texas A&M University

1:40 Do Consumers See a Difference Between "Locally Grown" and "State Grown" Attributes?
Mohammed Ibrahim, Fort Valley State University

2:00 Analysis of Vertical Chain in the Milk Market
Vardges Hovhannisyan and Kyle W. Stiegert, University of Wisconsin-Madison

Vardges Hovhannisyan and Brian W. Gould, University of Wisconsin-Madison

2:40 Analysis of Texas Winery Visitor Spending and GOTEXAN Efforts to Promote Winery Tourism
Roger D. Hanagriff, Texas A&M Kingsville, and Olga Murova, Texas Tech University

Tuesday 1:20 p.m. - 3:00 p.m.
Organized Symposium 4
Riviera 3

Title: Promoting Local: A Look at State Agricultural Marketing Programs
Organizers: Carlos E. Carpio, Clemson University and Marco A. Palma, Texas A&M University
Moderator: Marco A. Palma, Texas A&M University

Presenters:
1. Richard de los Santos, Texas Department of Agriculture, An Inside View of State Promotion Programs
2. Timothy A. Woods, University of Kentucky, State Promotion Programs: Complements and Conflicts with the Local Foods Movement
3. Carlos E. Cario, Clemson University, Nothing’s Fresher, Nothing’s Finer: The certified South Carolina Grown Program
4. Marco Palma, Texas A&M University, Promoting Ornamental Plants: Texas Super Star and EarthKing Branding Programs

3:00 - 3:20 Break: Refreshments served in Marina Ballrooms Lobby

Tuesday 3:20 p.m. - 5:00 p.m.
Selected Papers 28
Riviera 2

Title: Food Consumption, Safety, and Policy
Moderator: Tim Woods, University of Kentucky

3:20 Alcoholic Beverages and Cigarettes: Complements or Substitutes? A Pseudo Panel Approach
Aycan Koksal and Michael Wohlgenant, North Carolina State University
3:40 Estimating US Household Seafood Demand Based on Longitudinal and Cross-Sectional Data
Huabo Wang and Walter R. Keithly, Louisiana State University

4:00 Assessment of US Agriculture Sector and Human Vulnerability to a Rift Valley Fever Outbreak
Randi C. Hughes-Fraire, Amy Hagerman, and Bruce A. McCarl, Texas A&M University, and Holly Gaff, Old Dominion University

4:20 Alabama Restaurant Preferences and Willingness to Pay for Local Food: A Choice Based Approach
Kenesha Reynolds-Allie and Deacue Fields, Auburn University

4:40 Contingent Valuation & Perceived Efficacy of Oyster Post-Harvest Processing
Emily A. Fox and Ariun Ishdorj, Texas A&M University, William L. Huth and Richard Sjolander, University of West Florida, Gregory S. Martin, Northern Kentucky University, and O. Ashton Morgan and John C. Whitehead, Appalachian State University

Tuesday 3:20 p.m. - 5:00 p.m.
Selected Papers 29
Duval

Title: Production Economics
Moderator: Albert Allen, Mississippi State University

3:20 Evaluation of Current Yield Guarantee and Producer Welfare under Upward Trending of APH Yield
Shyam Adhikari, Eric J. Belasco, and Thomas O. Knight, Texas Tech University

3:40 Moderate versus Big Cows: Do Big Cows Carry Their Weight on the Ranch?
Damona Doye and David Lalman, Oklahoma State University

4:00 Potential Biomass Yields in the South Central US
Arjun Basnet, Theo Depona, Wesley Hedges, and Michael R. Dicks, Oklahoma State University

4:20 Seawater Desalination for Municipal Water Production
Andrew J. Leidner, Ronald D. Lacewell, M. Edward Rister, Joshua D. Woodard, and Allen W. Sturdivant, Texas A&M University, and Jacob White, NRS Consulting Engineers

Tuesday 3:20 p.m. - 5:00 p.m.
Selected Papers 30
Padre Island A

Title: Resource and Environmental Economics
Moderator: Garen Evans, Mississippi State University

3:20 Methods for Estimating Economic Damages from Environmental Contamination
Dave Shideler and Michael R. Dicks, Oklahoma State University

3:40 Cost-Efficient Valuation of Aesthetic Amenities
Jack Andrew Purvis, Elizabeth Kramer, and Jeffery H. Dorfman, University of Georgia

4:00 Biomass for Advanced Biofuels: Implications for North Carolina Agriculture
Prince Kyei, Godfrey Ejimakor, and Ralph Okafor, North Carolina A&T State University

4:20 Flood Insurance along the Gulf and Florida
Jihyun Lee and Daniel R. Petrolia, Mississippi State University

4:40 The Impact of Spatial Heterogeneity in Land Use Practices and Aquifer Characteristics on Groundwater Conservation Policy Cost
David B. Willis, Clemson University, Jeff Stovall, Espey Consultants, Inc., and Jeffrey Johnson, Ken Rainwater, Lucia S. Barbato, Kevin Mulligan, and Ernest B. Fish, Texas Tech University

Tuesday 3:20 p.m. - 5:00 p.m.
Selected Papers 31
Padre Island B

Title: Farm Management
Moderator: Ken Hood, Mississippi State University

3:20 The Effectiveness of Proposed Dairy Margin Insurance at Managing Margin Risk
Brian K. Herbst, David P. Anderson, Joe L. Outlaw, and James W. Richardson, Texas A&M University
Determining Key Factors of Influence on the Profitability
Zakou Amadou, Kellie Curry Raper, and Clement E. Ward, Oklahoma State University, and Jon Biermacher and Billy Cook, Samuel Roberts Noble Foundation

Influence of Mechanical Harvesting on Subsequent Citrus Crop Yields: Is there a Lag-Effect?
Katrina R. Leonard, Fritz M. Roka, and Lisa A. House, University of Florida

Reasons for Adopting Precision Farming: A Case Study of US Cotton Farmers
Mahesh Pandit, Ashok K. Mishra, and Krishna P. Paudel, Louisiana State University

Analyzing Past Ranch Profitability from Varying Marketing Decision Scenarios for Cow-Calf Production
Benjamin L. Turner, Roger D. Hanagriff, and Ryan D. Rhoades, Texas A&M-Kingsville, and Luis O. Tedeschi, Texas A&M

Tuesday 3:20 p.m. - 5:00 p.m.
Organized Symposium 6
Riviera 3

Title: The Economics of the Deepwater Horizon Spill on the South
Organizers: Lisa House, University of Florida and Gail L. Cramer, Louisiana State University
Moderator: Gail L. Cramer, Louisiana State University
Presenters:
1. Charles Adams, University of Florida, Extension Needs and a Marine Economist’s Perspective
2. James M. Fannin, Louisiana State University, Research Needs and Disaster Resiliency, Impacts on Local Communities
3. Rex Caffey, Louisiana State University, Damage Assessments for Seafood and Fishery: Early Indications?
4. Terry Hansen, Auburn University, Impacts on Tourism

Tuesday 6:00 p.m.
SAEA Reception and Dinner at USS “Lexington”
Buses will leave Omni Hotel at 5:30 pm

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AGRICULTURAL EDUCATION

9:15 – 9:45 a.m.
Vespers
AmBank Room 227

10:00 – 10:20 a.m.
Opening Session
AmBank Bayview Ballroom D

10:30 – 12:00 p.m.
Concurrent Research Session I
Session A: Agricultural Education: Improving Practice
AmBank Room 225D/E

  Relationships Between Agriculture Teaching Efficacy and Decision to Teach Among Agricultural Education Majors
  Stress Levels of Agricultural Science Student Teachers and Cooperating Teachers
  The Relationship between Cooperating Teachers' Leadership Style and Student Teachers' Satisfaction Level
  Developing and Testing An Integrated Global Curriculum for an Introductory High School Agricultural Education Class

Session B: Agricultural Education in Domestic and International Settings
AmBank Room 227

  The Interactions of Instructional Efficacy, Motivational Orientations, and Adult Characteristics on Tenure in the [State] Extension Master Gardener Program
  A Balancing Act: Investigating Graduate Student and Advisor Relationships in Agricultural Leadership, Education, Extension, and Communications
  Stages of Concern Profiles of Agricultural Technical School Teachers in Egypt for Implementing Student Internships
  Corn Clubs: A Historical Inquiry

Session C: Agricultural Education: Certification, Satisfaction and Innovation
AmBank Room 226

  A Non-Traditional Route to Teacher Certification: Testimonies from Four Teacher Aspirants in Agricultural Education
  An Analysis of North Carolina Public School Superintendents’ Awareness of Biotechnology and the Future of Biotechnology Education

12:00 – 1:30 p.m.
Luncheon
AmBank Room 225C

1:30 – 2:30 p.m.
SIGs
Bayfront Ballroom D

2:30 – 4:00 p.m.
Research Poster Session
AmBank Foyer Room

Agricultural Science Technology Needs: Agricultural Science Teachers Facing the Future in the Classroom
Beth Ann Hunt, Don W. Edgar, Leslie D. Edgar, Kristin Pennington, Allyson McGuire, Casandra Cox, University of Arkansas

A Qualitative Approach to Multicultural Intelligences in Agricultural Education
Jonathan A. Tubbs, Bryan J. Hains, Stacy K. Vincent, University of Kentucky

A Qualitative Examination of Successful Collaboration Among Extension Agents and Agricultural Science Teachers: Examples, Barriers, and Enabling Factors
Theresa Pesl Murphrey, John Rayfield, Julie Harlin, Kimberley A. Miller, Texas A&M University, Mission Viejo High School

Agricultural Science Technology Needs: A Longitudinal Study of Challenges and Threats from County Extension Program Reviews
Melissa Mazurkewicz, Amy Harder, University of Florida

Assessing the Impact of an Academic Internship
Mark Kistler, Jackie Bruce, North Carolina State University
AGRICULTURAL EDUCATION

Biodiesel Education: Effects on High School Students' Knowledge and Perceptions
Jason A. Davis, Ryan Siebenmorgen, Don Edgar, George W. Wardlow, Donald Johnson, University of Arkansas

Comparison of Approaches to Assess the Pre-Service Needs of Student Teachers in Supporting the SAE Portion of Agriculture Education and Demographic Differences that Impact Student Need
Roger Hanagriff, John Rayfield, Lance Kieth, Dwayne Pavelock, Texas A&M University – Kingsville, Texas A&M University, Sam Houston State University

Comparison of Participants' Satisfaction Levels of Food Safety Workshops Presented in U.S. and Mexico
Brittni Drennan, Landi Woolley Campbell, Todd Brashears, Texas Tech University

Critical Thinking Evidenced in Graduate Students Blogs
Viviana Giraud, Holly Cain, Nicole Stedman, Gregory Gifford, University of Florida

Difference in the Level of Synthesis of Leadership Life Skills Among 4-H Program Alumni
Jessica Anderson, Jackie Bruce, North Carolina State University

Do They or Don't They? Only their Agricultural Science Teachers Know for Sure
Kirk Edney, Texas A&M University

Education in a Technological World: An Analysis of Online Teaching Resources
Bart E. Gill, Carla Jagger, Andrew Adams, Jeremy Falk, John Hall, Jed Bookman, Rachel Valenti, Katrina Swinehart, Texas A&M University, The Ohio State University

Essential Agricultural Mechanics Skills for Beginning Agricultural Educators: A Delphi Approach
P. Ryan Saucier, Billy R. McKim, John D. Tummons, Texas State University, Texas A&M University, University of Missouri

Evaluating WLC Participants Perceived Knowledge of Authentic Leadership
Chaney Mosley, Tom Broyles, Whitney Danker, Lindsey Thomas, Stephen Edwards, Virginia Polytechnic Institute and State University, National FFA Organization

AGRICULTURAL EDUCATION

Exploring Teaching Efficacy of Pre Service Teachers Following the Student Teaching Internship Experience
Bart E. Gill, T. Grady Roberts, Tim Murphy, Texas A & M University, University of Florida

Knowledge and Perceptions of Agriculture in Tennessee through Fall Agritourism
Jessica J. Poore, Bryan Q. Patterson, University of Tennessee

Leadership Styles of Two-Year Associate's Degree Students in Agriculture
Holly J. Kasperbauer, Jill N. Casten, Pavli Mykerezi, Joe Guthrie, Rick Rudd, Virginia Polytechnic Institute and State University

Long-term Goals: Assessing Results of Teacher Participation on Their Students
Quisto Settle, Tracy Irani, University of Florida

New Competencies to be Successful as an Extension Agent in Present Context
Dona Lakai, K. S. U. Jayaratne, Gary Moore, Mark J. Kistler, North Carolina State University

Practices for Managing Animal Project Centers
Steven (Boot) Chumbley, Texas Tech University

Self-Perceived Levels of Importance of Agricultural Mechanics Laboratory Management Competencies by Agricultural Education Pre-Service Teachers
P. Ryan Saucier, Justin L. Killingsworth, John D. Tummons, Texas State University and the University of Missouri

Student Teachers Reflection on Indicators of Engaged Learning
Christy Witt, Scott Burris, Texas Tech University

Teaching Beliefs of Excellent Undergraduate Professors
Aaron Giorgi, T. Grady Roberts, University of Florida

Teaching Locally, Engaging Globally: Examining Faculty Pre-Trip Attitudes and Beliefs
Jessica Kochert, Amy Harder, T. Grady Roberts, Nicole Stedman, Marta Hartmann, University of Florida
Monday, February 7

8:00 – 10:00 a.m.
Registration
AmBank Foyer Room

8:30 – 10:00 a.m.
Concurrent Research Session II

Session D: Agricultural Communications
AmBank Room 225A/B

Impact of Selected Factors on Perceived Efficacy of Twitter Use by Agricultural Communicators
Agricultural Communications Training Needs Among [State] Agricultural Educators
Comparisons of Agriculture Instructor and Student Perceptions of Social Media in Education
Information and Communication Technology Tasks Required in Undergraduate Agriculture Courses

Session E: Agricultural Education: Math and Technology
AmBank Room 225 D/E

Enhancing Collaboration among Math and Career and Technical Education Teachers: Is Technology the Answer?
Animation: Friend or Foe in Today's Classrooms?
Teachers’ Use of Interactive Whiteboards in the Secondary Agricultural Education Classroom: Measures of Self-efficacy, Outcome Expectations, Interest
[State] Preservice Agricultural Education Teachers’ Mathematics Ability and Efficacy

10:00 – 10:30 a.m.
BREAK
AmBank

10:30 – 11:45 a.m.
SR AAAE Business Session I
AmBank Room 225 D/E

12:30 – 1:30 p.m.
Luncheon
AmBank Room 225 A/B

1:45 – 2:45 p.m.
Business Session II
AmBank Room 225 D/E

3:00 – 4:30 p.m.
Innovative Poster Session II
AmBank Foyer Room

4-H and Facebook: Can they Co-Exist?
Jessica Anderson, K.S.U. Jayaratne, North Carolina State University

A Little Birdie Told Me: Using Twitter as a Discussion Tool
Lauri M. Baker, Christy Chiarelli, Quisto Settle, University of Florida

A Mobile Classroom for Visual Communications on the Road in [State]: Using High School Students to Create Video and Photo Projects to Promote Agriculture
Kristin Pennington, Leslie D. Edgar, Don W. Edgar, Casandra Cox, Allyson McGuire, Beth Ann Hunt, University of Arkansas
A Model for Integrating Critical Thinking and Emotional Intelligence into Leadership Curricula
Jason Davison, Nicole Stedman, University of Florida

A Model for Program Planning and Evaluation for School-based Agriscience Education
Christopher M. Estepp, Andrew C. Thoron, University of Florida

A Philosophical View for Using Second Life™ as a Teaching and Learning Tool
Allyson McGuire, Leslie D. Edgar, Don W. Edgar, Kristin Pennington, University of Arkansas

A Qualitative Evaluation of a Cross-Cultural Immersion Program for Extension Educators
Jenna Brown, Maria Navarro, Dennis Duncan, Nick Fuhrman, University of Georgia

Better Teamwork by Knowing Yourself & Other’s Personalities
David Jones, North Carolina State University

Breaking Barriers for Beginning Hispanic Farmers and Ranchers
Stephanie Herreros, Robert Williams, Jose Lopez, Curtis Jones, Mario Villarino, Texas A&M University-Commerce

By Choice, Not By Chance Art Gallery Exhibit
Bill Riley, Stacy Vincent, University of Kentucky

Collegiate Leadership In Agricultural Student Organizations: Developing A Motivational Perspective
Andrea Andrews, Nicole Stedman, Greg Gifford, University of Florida

Development of an Electronic Clearinghouse of Renewable Energy Curriculum for Secondary Agricultural Education: A Partnership of Two Departments
Joey Blackburn, Marshall Baker, Shane Robinson, Craig Edwards, Ray Huhnke, Oklahoma State University

Differentiated Instruction for the Learning Disabled in the Ag Science Classroom: Agricultural Science Teachers’ Professional Development
Michelle Pavelock, Theresa Murphrey, Texas A&M University

Evaluation Results of Pet Awareness With Children Animal Bite Prevention Program
Joel D. Ray, Michael E Newman, Mississippi State University

Giving a Face to your Agricultural Leadership Program
Avery Culbertson, Micah D. Scanga, Hannah Carter, University of Florida

Incorporating Preparatory Exams into a Dual Credit Course Curriculum: Preparing Students for Computerized College Testing and Increasing Post Secondary Credit Success Rates
Alanna Neely, Cliff Ricketts, Warren Gill, Middle Tennessee State University

Incorporating Socioscientific Issues into Agriculture Teacher Education Curriculum
Adrienne N. Gentry, Catherine W. Shoulders, Brian E. Myers, University of Florida

Integrating 21st Century Technology in Secondary Agricultural Education Classrooms: GPS Professional Development Carousel Workshop
J. Shane Robinson, Jon W. Ramsey, Oklahoma State University

Integrating Service-Learning into International Study Abroad Programs: Easy as PIE
Joelle Petrosky, Jennifer Williams, Texas A&M University

Leveraging Web 2.0 Programs to Increase Academic Retention
Michelle Santiago, Michael Lau, Art Wolfskill, Maud Roucan-Kane, Sam Houston State University

Maximizing Preservice Teacher Education: The Pre-Internship Block
Catherine W. Shoulders, Eric Rubenstein, Brian E. Myers, University of Florida

Meet, Greet, Compete and Eat: Learning by Doing- Leadership Contest
Wendie Clubine, Robert Williams, Texas A&M University- Commerce

Paving a Road to Success with the Agriculture /Academic Integration Project
Yvette Smith, Diana L. King, University of Georgia
AGRICULTURAL EDUCATION

Preparing Undergraduate Students for Agricultural Advocacy
Chaney Mosley, Keyana Ellis, Michelle Greaud, Lisa Hightower, Eric Kaufman, Virginia Polytechnic Institute and State University

Preparing Young Leaders for Sustainable Agriculture Practices in West Virginia
John Lockhart, Matt Coe, Douglas D. LaVergne, West Virginia University

Sam’s Big Adventure; An Innovative Educational Intervention for Children
Joel D. Ray, Susan Seal, Michael Newman, Mississippi State University

Simulation: Innovations toward Bridging Social Cultures through Agricultural Education
Jonathan A. Tubbs, Stacy K. Vincent, Bryan J. Hains, University of Kentucky

The Lesson Plan Blitz: Assisting Pre-Service Teachers Through Their Zone of Proximal Development
Cory Epler, Thomas Broyles, Virginia Polytechnic Institute and State University

Tractor Technician Career Development Event: Classroom Instruction to Career Opportunities
Ryan Saucier, G. Curtis Langley, William R. Harrell, John D. Tummons, Texas State University, University of Missouri, Sam Houston State University

Using Professional Identity to Enhance Agriculture Teacher Professional Development
Catherine W. Shoulders, Brian E. Myers, University of Florida

You are Fired. Using Reality Television to Enhance Student Engagement and Motivation Through Problem Based Learning
Christopher T. Stripling, Andrew C. Thoron University of Florida, University of Illinois

AGRICULTURAL EDUCATION

Tuesday, February 8

8:30 – 9:30 a.m.
Concurrent Research Session III

Session G Agricultural Education: A broader view
Bayfront Corpus Christi Ballroom B

A Gender Analysis of Job satisfaction levels of Agricultural Education Teachers in [State]
An Examination of Trust-related Behaviors Important to Agricultural Stakeholders
Proposed Solutions Toward Inclusive Agricultural Education Programs
Multicultural Competence: A Case Study of Teachers and Student Perceptions

Session H Extension and Outreach
Bayfront Corpus Christi Ballroom A

Examining Adult Participation in a Statewide Nonformal Horticultural Program
Refocusing Evaluation Efforts: Evaluating Extension Programs for Use Can Enhance Accountability Efforts
A Quantitative Analysis of the Efficacy of a Cross-Cultural Immersion Program for Extension Educators
4-H Volunteers Intent to Support Youth with Disabilities: An Elicitation Study

Session I Agricultural Education: Laboratories and Mechanization
Bayfront Corpus Christi Ballroom C

Economic Impact of Agricultural Mechanics Competition Projects in (State) and Factors that Predict Chapter Investment Value: State Returns from 2009-2010
Student Perceptions of Instructional Methods Towards Alternative Energy Education
Teachers’ Use of Agricultural Laboratories in Secondary Agricultural Education
Agricultural Mechanics Laboratory Safety: Professional Development Needs of Kentucky School-Based Agricultural Educators

5:30 – 8:30 p.m.
DINNER
U.S.S. Lexington
Bus leaves Bayfront Tower Hotel and will make two runs to dinner location about 20 minutes apart

9:30 – 10:00 a.m.
BREAK
Bayfront Corpus Christi Ballroom A
AG EDUCATION

10:00 – 11:15 a.m.
Professional Development
Bayfront Corpus Christi Ballroom A

11:30 – 1:30 p.m.
Awards Luncheon
Bayfront Corpus Christi Ballroom B

AGRONOMY

Southern Branch
American Society of Agronomy Program
Annual Meeting February 6-8, 2011
Corpus Christi Omni Hotels
Corpus Christi, Texas

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Western Kentucky University
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Dr. Philip Moore
USDA-ARS, Fayetteville, AR
Treasurer:
Dr. Dennis J. Osborne
North Carolina State University
Past President:
Dr. M. Wayne Ebelhar
Mississippi State University

Sunday, February 6, 2011
Registration: 10:00 AM-4:00 PM
AmericanBank Center Bayview, Ballroom A

1:00 PM-4:00 PM
Graduate Student Poster - Crops
AmericanBank Center Bayview, Ballroom A

Authors Present 1:00 PM - 3:00 PM

1 Cool-Season Legumes and Grass Mixtures Overseeded in Tifton 85 and Harvested for Biomass and Forage. Joshua White*, Gerald Evers, James Muir and Barry Lambert, Agrilife Research

2 Utilizing Decline of P and K Levels In Shoots to Establish An Earlier Harvest Window for Switchgrass Biomass. Jennifer Lane*, Fred Allen, Carl Sams, Donald Tyler, William Hart and Jerome Grant, University of Tennessee

3 Evaluation of Sorghum Varieties for Biofuel Production and Forage Quality. Jesse I. Morrison*, Rocky Lemus and Brett Rushing, Mississippi State University

4 Influence of Maturity Group, Row Pattern, and Seeding Rate on Soybean Grown on Silt Loam Soils. Kevin A. Dillon*, Clifford H. Koger, Timothy W. Walker, Jac J. Varco and Michael S. Cox, Mississippi State University
5 Cotton Lint Quality as Influenced by Harvest-Aid Regimes and Variety Characteristics. Zachary Eder¹, Gaylon Morgan², Daniel Fromme³, Dale Mott* and John Kerns*, (1)Texas A&M University, (2)Texas AgriLife Extension Service, (3)Texas AgriLife Research-Corpus Christi

Professional Poster - Crops
AmericanBank Center Bayview, Ballroom A

Authors Present 1:00 PM - 3:00 PM

6 Evaluation of Ryegrass Management on Growth and Performance of Growing Beef Heifers. Rocky Lemus* and Jorge Rivera, Mississippi State University

7 Estimating Yield Potential by Planting Date Utilizing Observed Data From the Soybean Research Verification Program. William J. Ross*, Terry Griffin, Christopher Grimes and Steve Kelley, University of Arkansas

8 Characterizing Testing Locations In the Soybean Variety Trials In Louisiana. Sterling Blanche* and Millie Deloach, LSU Agricultural Center - Dean Lee Research Station

9 Soybean Response to Furrow Irrigation Initiation. Paul B. Francis*, Larry Earnest and Scott Hayes, University of Arkansas

10 In-Field Weathering Influences Biomass and Biofuel Quality of Nativwe Warm Season Grasses. William Kuenstler* and Joel Douglas, USDA NRCS

11 Harvesting and Feeding Cynodon Hybrid Tifton 85 Hay of Varying Maturities to Wether Kids. John R. Bow*, Texas AgriLife Research Station and James Muir, Texas AgriLife Research-Stephenville

12 Herbicide Control of Dallisgrass In Bermudagrass Turf. Robert Lane* and Russell Yancey, Sam Houston State University

13 Widestrike® Cotton Variety Tolerance to Ignite Applications In Texas. Dale A. Mott* and Gaylon Morgan, Texas AgriLife Extension Service

Professional Poster - Soils
AmericanBank Center Bayview, Ballroom A

Authors Present 1:00 PM - 3:00 PM

14 Field Scale Soil Nutrient Change In a Beef Cattle Backgrounding Site on Karst Topography Following a Heavy Rain Fall Event. Annesly Netthisinghe*, Rebecca Gilfillen¹, Todd Willian⁶, Naomi Rowland⁶ and Karamat Sistani², (1)Western Kentucky University, (2)USDA-ARS

15 Use of a Ryegrass Cover Crop to Remediate Excess Soil Nutrients in a Sorghum-Sudangrass Field. Rebecca Gilfillen¹, Todd Willian⁶, Naomi Rowland⁶ and Karamat Sistani², (1)Western Kentucky University, (2)USDA-ARS

16 Cover Crop and Composted Municipal Sludge Effects on Soil Physical Properties and C/N Sequestration In a Coastal Plain Soil Under Conservation Tillage. Robert Hubbard*, Timothy Strickland and Sharad Phatak², (1)USDA ARS, (2)University of Georgia (Emeritus)

17 Influence of Planting Date on Corn Yield In the Mississippi Delta. M. Wayne Ebelhar* and Davis R. Clark, Mississippi State University

18 In-Furrow Starter Fertilizers for Corn Production In Mississippi. M. Wayne Ebelhar*, Normie Buehring and Davis Clark, Mississippi State University

19 Varying Nitrogen Rates and Application Timing for Optimizing Corn Production In Mississippi. M. Wayne Ebelhar, Normie Buehring and Davis R. Clark*, Mississippi State University

Undergraduate Poster - Crops & Soils
AmericanBank Center Bayview, Ballroom A

Authors Present 1:00 PM - 3:00 PM

20 Effects of Foliar and Soil Application of Potassium (K) Nutrition on Soybean Mineral Uptake. Lisa M. Murray*, R Thurman¹, M. B. Goli¹, M. Thakur² and Tiffany Little¹, (1)Mississippi Valley State University, (2)Plano East Senior High School

21 Effect of Potassium Application on Soybean Seed Protein and Oil Composition. Christina Viscardi*, Tynieisca Epps, Mudlagiri B. Goli and Tiffany Little, Mississippi Valley State University

22 The Effect of Composts on the Production of the Dry Matter In Maize. Mariana Pelegrini Rodrigues¹, Robson de Sousa², Gaspar Korndorfer³, Ana Paula dos Santos³ and Robert Gilbert³, (1)Federal University of Uberlandia, (2)University Federal of Uberlandia, (3)University of Florida
23 Yield and Plant Population of Whole Sweet Sorghum in Eastern Kentucky. Jeffrey D. Foster*, Caitlin Timberlake and Jerry Michael Phillips, Morehead State University

24 Preliminary Assessment of Flue Gas Desulfurization Waste on Elemental Uptake by Sorghum Sudan Grass. J. Price*, Candice Beckley1, D. Franklin1, Kenneth Sajwan1, Shivendra Sahi2 and Ashok Alva3, (1)Savannah State University, (2)Western Kentucky University, (3)USDA-ARS

25 Two Year Comparison of Warm Season Legume Production with and without Drip Irrigation In the Summer In a Semiarid Region of West Texas. Spencer Fox*, Tiffany Lutz, Florah Mhlanga and Michael Nicodemus, Abilene Christian University

26 Soil Quality Responses to Land Management Uses. Katie M. LeBlanc* and Iin Handayani, Murray State University

27 The Significance of Ecological Diversity, Controlled Burns, and Varied Ecosystems on Carbon Sequestration on Ranchland In West Texas. Melinda Brown*, Quaitsey Carter and Michael Nicodemus, Abilene Christian University

Monday, February 7, 2011

7:55 AM - 10:00 AM
Graduate Student Oral - Crops
AmericanBank Center Bayview, Ballroom A

7:55 AM Introductory Remarks

8:00 AM Stem Yield, Syrup Production, and Brix Content of Sweet Sorghum In Eastern Kentucky. Sarah A. Hazenfield* and Jerry Michael Phillips, Morehead State University

8:15 AM Enhancing Soil Quality and Profitability of Grain Sorghum through Legume-Based Cropping Systems. Clark B. Neely1, Francis Rouquette Jr.2, Gerald Smith2 and Cristine Morgan2, (1)Texas A&M University, (2)Texas AgriLife Research

8:30 AM Using Legumes to Reduce Nitrogen Fertilization and Enhance Soil Nitrogen and Carbon for Grain Sorghum Cropping systems. Clark B. Neely1, Francis Rouquette Jr.2, Gerald Smith2, Cristine Morgan2 and William Rooney1, (1)Texas A&M University, (2)Texas AgriLife Research

8:45 AM Phosphorus Efficiency of Two Wild Beans Strophostyles Helvola and S. Leiosperma. Xinyu Yang1, Donald McGahan1 and James P. Muir2, (1)Tarleton State University, (2)Texas AgriLife Research

9:00 AM Cotton Leaf and Canopy Reflectance Spectra Analysis for Nitrogen Estimation. Farrah Melissa Muharam* and Stephan Maas, Texas Tech University

9:15 AM Use of Fungal Laccase to Facilitate Biodethatching. Sudeep Sidhu*, Qingguo Huang, Paul Raymer and Robert Carrow, University of Georgia - Griffin

9:30 AM Enhancement of Vitamin A and E Level In Soybean Via Expressing Multiple Genes In a Single Open Reading Frame. DZUNG T. PHAM*, University of Missouri Columbia

9:45 AM Break

10:00 AM - 12:45 PM
Graduate Student Oral - Soils
AmericanBank Center Bayview, Ballroom A

10:00 AM Effects of Strip Tillage and Deficit Irrigation on Plant Available Water, Root Growth, and Crop Yield of Cotton In Fine Sandy Loam of South Texas. John R. Shallock1, Diane L. Rowland2, Cristine Morgan3, T.D.A. Forbes3 and Bethany Speer3, (1)Texas A&M University, (2)University of Florida,(3)Texas AgriLife Research

10:15 AM Utilization of Crop Sensors to Detect Cotton Growth and N Stress. Tyson B. Raper*, Jac J. Varco, Ken J. Hubbard and Brennan C. Booker, Mississippi State University

10:30 AM Using Arbuscular Mycorrhizae to Influence Yield, Vegetative Quality and Nutrient Uptake In Conventional Vs. Organic Vegetable Production. Gary Cundiff1, Rebecca Giffilen1, Annesly Netthisinghe1, Roger Dennis1, Kimberly Cook2 and Marcia La Corbinieri-JnBaptiste2, (1)Western Kentucky University, (2)USDA-ARS
10:45 AM Nitrogen Loss Potential by Nitrification/Denitrification In Delayed-Flood Rice. Paxton W. Fitts*, Timothy W. Walker1, Larry J. Krutz2 and Jac J. Varco1, (1)Mississippi State University, (2)USDA-ARS

11:00 AM Corn Root Growth and Nitrogen Use Efficiency as Affected by Gypsum and Nitrogen Applications Under A No-till System. Renato Zardo Filho1, Eduardo F. Favero Caires1, Hélio A. Joris1 and Gabriel Barth2, (1)State University of Ponta Grossa, (2)Fundação ABC

11:15 AM Detecting Spatial Relationships In Corn Nitrogen Sufficiency Through Crop Reflectance. Ken J. Hubbard*, Jac J. Varco, Tyson B. Raper and Brennan C. Booker, Mississippi State University


11:45 AM Floodwater Nitrogen Concentration of Drill-Seeded, Delayed Flood Rice Fertilized Preflood and Midseason. Christopher W. Rogers*, Alice Enochs, Trenton Roberts, Nathan Slaton, Richard Norman, Charles Wilson, Donna Frizzell and Jamie Branson, University of Arkansas

12:00 PM Influence of Nitrogen Source on Ammonia Volatilization Loss In Delayed-Flood Rice. Kevin Dillon*, Timothy Walker, Clifford Koger, Jac Varco and Michael Cox, Mississippi State University


12:30 PM Discussion

1:55 PM - 5:30 PM Professional Oral - Soils & Business Meeting AmericanBank Center Bayview, Ballroom A

1:55 PM Introductory Remarks
8:25 AM Introductory Remarks.

8:30 AM **Row Crop Response to Commercially Available Humic Acid Products.** Nathan Slaton*, Richard Norman, Russell DeLong and Colin Massey, University of Arkansas

8:45 AM **Evaluation of Row Spacing Effects on Irrigated Corn Production In Mississippi.** Darrin Roberts*, Erick Larson, M. Wayne Ebelhar and Normie Buehring, Mississippi State University

9:00 AM **Impacts of Planting Date on Corn Grown In the Arkansas Mississippi Delta.** Jason Kelley*, Steven Sheets, Bill Apple, Mike Duren and Scott Hayes, University of Arkansas

9:15 AM **Pre-Tasseling Nitrogen Applications In Mid-South Corn Production Systems.** Davis R. Clark* and M. Wayne Ebelhar, Mississippi State University

9:30 AM **Evaluation of Plant Growth and Yield Reduction on Late Planted Soybeans.** Pawel Wiatrak*, Clemson University

9:45 AM Break

10:00 AM **Evaluation of Smutgrass Control Using the Weed Wiper Approach.** Rocky Lemus* and Mark J.Mowdy, Mississippi State University

10:15 AM **Generation of Transgenic Medicago Sativa Overexpressing “Osmotin” Gene Under Constitutive Promoter.** Jared Mink¹, Shivendra Sahi¹ and Kenneth Sajwan², (1)Western Kentucky University, (2)Savannah State University

10:30 AM **Enhancing Cool-Season Legumes Production and Contribution to Soil Nitrogen.** Yoana Newman*, Sampson Agyin-Birikorang and Judy Dampier, University of Florida

10:45 AM **Summer Cover Crop Growth and Yield In a Dry Year.** William Evans*¹, Vasile Cerven¹ and Carl Motsenbocker², (1)Mississippi State University, (2)LSU AgCenter

11:00 AM **Seasonal Ground Cover for Crops In the Texas High Plains.** Stephan Maas*, Texas Tech University and Nithya Rajan, Texas AgriLife Research

11:15 AM Discussion

11:30 AM Adjourn
ANIMAL SCIENCE
Dr. Jack C. Whittier
Western Section Director
Colorado State University
Fort Collins, CO

Dr. Archie C. Clutter, Director
Newsham Choice Genetics
Chesterfield, MO

Dr. Bruce L. Golden, Director
California Polytechnic State University San Luis Obispo, CA

Dr. Michael L. Looper, Director
USDA, ARS, SPA
Booneville, AR

Dr. James E. Pettigrew, Director
University of Illinois
Urbana, IL

Dr. Janice C. Swanson, Director
Michigan State University
East Lansing, MI

Dr. Kimberly A. Vonnahme
North Dakota State University
Fargo, ND

Cassandra Jones, Graduate Director
Iowa State University
Ames, IA

Dr. Heather White, Graduate Director
Indiana University School of Medicine
Indianapolis, IN

Dr. Robert P. Wettemann
ASAS Representative to FASS
Oklahoma State University
Stillwater, OK

Dr. Meghan C. Wulster-Radcliffe Executive Director
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Young Animal Scientist – Education
Emerging Scholar Award
Pfizer Animal Health
New York, New York
ANIMAL SCIENCE

Undergraduate Paper Competition

Graduate Student Awards Competition

PROGRAM EVENTS

Friday, February 4
Academic Quadrathlon (AQ)
9:00 PM Advisors Meeting
College Station, TX

Saturday, February 5
AQ Lab Practicum and Written Exam
College Station, TX
Bayfront
Corpus Christi, TX

Sunday, February 6
AQ Oral Preparation
6:30 AM – noon
Nueces Ballroom A and B
AQ Oral Presentation
8:00 AM – noon – Capano
AQ Quiz Bowl
8:00 AM – 1:00 PM - Matagorda
AQ Quiz Bowl Championship/Awards and Awards Program
8:00 AM – 4:00 PM – Laguna Madre

SCC 81: Sustainable Small Ruminant Production IEG
8:30 AM – 4:00 PM - Aransas

Registration
11:00 AM – 4:00 PM
Preassembly Area

SCC 72: Enhancing Reproductive Efficiency in Cattle IEG
1:00 PM – 4:00 PM - Capano

SERA 41: Beef Cattle Production Using Forages in the Southeast
1:00 PM – 4:00 PM – Matagorda

SAAS Board Meeting
2:30 PM – 3:30 PM - Bayview

SAAS General Session/Business Meeting
4:00 PM – 6:00 PM
Nueces Ballroom A

ANIMAL SCIENCE

SS-ASAS Advisory Committee and Executive Committee
6:00 PM – 8:00 PM
Partnership Boardroom

SAAS Reception/"Super Bowl Party"
6:00 PM – 10:00 PM
Brewster Street Icehouse

Monday, February 7

Interested in taking an ARPAS exam at the ASAS Southern Section Meeting?
Contact ARPAS at arpas@assochq.org for information or to schedule an exam.

Registration
7:30 AM – 4:00 PM
Preassembly Area

SS-ASAS Coffee Break
9:30 AM – 10:30 AM
Preassembly Area

SS-ASAS Emerging Scholar Awards Presentation
1:00 PM – 1:45 PM
Nueces Ballroom B

SS-ASAS Business Meeting and Awards Ceremony
5:00 PM – 7:00 PM
Nueces Ballroom A

Small Ruminant Subcommittee of the NAGP
7:00 PM – 9:15 PM – Laguna Madre

Tuesday, February 8

SAAS Board Breakfast Meeting
7:00 AM – 10:00 PM – Bayview

Registration
8:00 AM - noon
Preassembly Area

SS-ASAS Emerging Scholar Award Presentation
8:00 AM – 8:45 AM
Nueces Ballroom B

Graduate Student Luncheon
12:00 PM – 2:00 PM
Nueces Ballroom B

Extension Luncheon
12:00 PM – 2:00 PM
Bayview
ANIMAL SCIENCE

SYMPOSIA AND ORAL SESSIONS

Sunday, February 6

SCC 81: Sustainable Small Ruminant Production
IEG
Aransas
8:00 AM
SCC 81: Sustainable Small Ruminant Production
IEG.

SCC 72: Enhancing Reproductive Efficiency in
Cattle IEG
Capano
1:00 PM
SCC 72: Enhancing Reproductive Efficiency in
Cattle IEG.

SERA 41: Beef Cattle Production Using Forages
in the Southeast
Matagorda
1:00 PM
SERA 41: Beef Cattle Production Using Forages
in the Southeast.

SS-ASAS Advisory Committee and Executive
Committee
Partnership Boardroom
6:00 PM
SS-ASAS Advisory Committee and Executive
Committee.

Monday, February 7

SYMPOSIA AND ORAL SESSIONS

Graduate Student Competition I
Chair: David Riley, Texas A&M University
Nueces Ballroom A

8:00 AM 1
Effect of implants and nutrient restriction prior to
feeding on carcass quality.
J Robinette*, P Beck, B Barham, S Gadberry, and J
Apple, University of Arkansas, Fayetteville.

8:15 AM 2
The accuracy of ultrasound measurements taken
prior to slaughter to measure carcass traits in
beef cattle.
C. H. Hughes*1, F. R. B. Ribeiro1, J. A. Carter1, L. O.
Tedeschi2, G. E. Carstens2, R. K. Miller2, S. B.
Smith3, R. D. Rhoades3, and B. M. Bourg2, 1Texas
A&M University, Commerce, 2Texas A&M University,
College Station, 3Texas A&M University, Kingsville.

8:30 AM 3
The relationship of body condition score and
subcutaneous and internal fat measurements by
real-time ultrasound in crossbred beef cows.
K. N. Gates*1, F. R. B. Ribeiro1, J. A. Carter1, C. A.
Hughes1, S. Stewart1, and R. G. Tait, Jr.2, 1Texas
A&M University, Commerce, 2Iowa State University,
Ames.

8:45 AM 4
Effects of genotype and fescue cultivar on steer
gain and carcass traits.
A.M. Webb*1, M.L. Looper2, M.A. Sales1, C.R.
Krehbiel3, D.L. VanOverbeke3, S. Reiter1, and C.F.
Rosenkrans, JR1, 1University of Arkansas,
Fayetteville, 2USDA/ARS, DBSFRC, Bonneville, AR,
3Oklahoma State University, Stillwater.

9:00 AM 5
A comparison of ruminal and large intestinal
microbial population of residual feed intake-
indexed Brahman bulls under grazing conditions.
L. M. Wiley*1, L. O. Tedeschi1, T.D.A. Forbes2, F.M.
Rouquette, Jr.3, R.D. Randel3, F.R.B. Ribeiro4, and
S.E. Dowd5, 1Texas A&M University, College Station,
2Texas Agrilife Research, Uvalde, 3Texas Agrilife
Research, Overton, 4Texas A&M University,
Commerce, 5Medical Biofilm Research Institute and
Research and Testing Laboratory, Lubbock, TX.

9:15 AM 6
Effects of residual feed intake classification on
feed efficiency, ultrasound and feeding behavior
traits in Angus based composite steers.
J.C. Bailey*, G.E. Carstens, J.T. Walter, A.N. Hafla,
E.D. Mendes, and L.O. Tedeschi, Texas A&M
University, College Station.

9:30 AM 7
Effects of spray-dried porcine plasma (SDPP)
administered as an oral gavage on pre-weaning
growth performance in piglets.
L.M. Wittish* and M.J. Estienne, Virginia Polytechnic
Institute and State University, Blacksburg.

9:45 AM 8
Effect of timing of BRD vaccination on
performance of stocker cattle during receiving.
K Poe*, P Beck, D Hubbell, T Hess, and J Richeson,
University of Arkansas, Fayetteville.
ANIMAL SCIENCE
Teaching and Undergraduate Education
Chair: Charles Rosenkrans, Jr., University of Arkansas
Nueces Ballroom B

8:15 AM  9
Cattle handling demonstrations for undergraduate students.
W. Owsley* and C. Bratcher, Auburn University, Auburn, AL.

8:30 AM
Discussion.

OTHER EVENTS

Interdisciplinary Beef Cattle Symposium
Chair: Matt Poore, North Carolina State University
Nueces

8:30 AM
Rethinking heifer development. Slow vs. accelerated development (and challenging our traditional target weight concepts).
Rick Funston, University of Nebraska.

9:15 AM
Advances in estrous synchronization programs for heifers (including new information specific to Indicus heifers).
Gary Williams, Texas A&M University.

10:00 AM
Break.

10:20 AM
Addressing nutrition and management challenges for replacement heifers.
John Arthington, University of Florida.

11:05 AM
Designing and developing the replacement heifer of the future.
Glenn Rogers, Pfizer Animal Health.

11:50 AM
Discussion.

ANIMAL SCIENCE
SYMPOSIA AND ORAL SESSIONS
Undergraduate Student Competition
Chair: Charles Rosenkrans, Jr., University of Arkansas
Matagorda

9:00 AM  10
Forage characteristics and beef cattle production from continuously stocked triticale, wheat and ryegrass pasture.
L. A. Smith*, S. P. Schmidt, W. F. Owsley, and R. B. Muntifering, Auburn University, Auburn, AL.

9:15 AM  11
Effects of grazing stockpiled endophyte-infected tall fescue pastures on growth and physiological indices of dairy heifers.

9:30 AM  12
Variability in nutritive value of distillers’ grains.
M. L. Drewery*, J. E. Sawyer, N. M. Kenney, M. S. Cabaniss, W. E. Pinchak, and T. A. Wickersham, Texas A&M University, College Station, Texas AgriLife Research, Vernon, TX.

9:45 AM  13
Effects of pre-weaning traits on BVDV type I immunoglobulin response to vaccination in beef calves.

10:00 AM  14
Identification of QTL for two measures of feed efficiency in Nellore-Angus F2 steers.
J. D. Luck*, T. S. Amen, D. G. Riley, A. D. Herring, P. K. Riggs, J. E. Sawyer, J. O. Sanders, and C. A. Gill, Texas A&M University, Department of Animal Science, College Station.

10:15 AM
Break.
ANIMAL SCIENCE

10:30 AM 15
Effects of clarified Noni juice or Noni pulp on the shelf life and color stability of ground beef patties.

10:45 AM 16
The effect of adipocyte determination and differentiation factor-1 (ADD1) on fresh pork quality.
M. L. Penick*, T. J. Wistuba1, S. J. Moeller2, H. N. Zerby3, and R. S. Emnett-Miculich1,1 Morehead State University, Morehead, KY, 2The Ohio State University, Columbus.

11:00 AM 17
Effects of on-arrival versus delayed vaccination with or without metaphylaxis on performance and health of stocker cattle.
K. M. Newsom*1, A. J. Cain1, J. F. Roberts1, C. S. Darroch1, and C. R. Bailey2, 1University of Tennessee, Martin, 2Stephen F. Austin State University, Nacogdoches, TX.

11:15 AM 18
Utilizing tropical forage legumes to supplement young goats fed a basal diet of sudangrass hay.
T. E. Lutz*, F. N. Mhlanga, S. G. Fox, M. A. Nicodemus, and E. Pierce, Abilene Christian University, Abilene, TX.

11:30 AM 19
Evaluating the combined effects of RADEX and TASCO-14 on utilization of poor quality roughages by small ruminants.
A. Simon1, F. N. Mhlanga1, R. H. Anderson2, J. Cosby1, and E. Pierce3,1 Abilene Christian University, Abilene, TX, 2Andersons Consulting & Training Service Inc, Weatherford, TX.

OTHER EVENTS

Coffee Break
(Preassembly Area)

9:30 AM
Coffee Break.
ANIMAL SCIENCE

11:45 AM  26
Relationships among single nucleotide polymorphisms in the cytochrome P450 gene and the enhancer region of the prolactin gene, molecular breeding values, and steer performance.
B. C. Williamson1, M. L. Looper2, J. D. Patterson1, M. A. Sales1, K. P. Coffey1, M. A. Ata3, and C. F. Rosenkrans, Jr.1, 1University of Arkansas, Fayetteville, 2USDA/ARS, DBSFRC, Booneville, AR.

12:00 PM  27
Determining effects of two deworming protocols on fecal egg counts and growth performance in beef calves.

Ruminant Animal Production I
Chair: Adebola Adesogan, University of Florida
Nueces Ballroom B

1:00 PM  28
SS-ASAS Emerging Scholar Award:
Dietary and genetic effects on cellular copper homeostasis in cattle.
R. S. Fry*, M. S. Ashwell, and J. W. Spears, North Carolina State University, Raleigh.

1:45 PM  29
Variability in mineral composition of distillers' grains.
M. L. Drewery1, J. E. Sawyer1, N. M. Kenney1, M. S. Cabaniss1, W. E. Pinchak2, and T. A. Wickersham1, 1Texas A&M University, College Station, 2Texas Agrilife Research, Vernon, TX.

2:00 PM  30
Effect of daily or alternate day distillers grains supplementation with or without Rumensin® on performance of growing heifers.
P. Beck1, J. Buttebaugh2, B. Rudolph2, J. Smith1, and B. Stuart1, 1University of Arkansas Division of Agriculture, Little Rock, 2Furst-McNess Co., Freeport, IL.

2:15 PM  31
Intake control agents for self-fed distillers' grains.
J. D. Sugg*, T. A. Wickersham1, W. E. Pinchak3, S. A. Clement1, and J. E. Sawyer1,2, 1Texas A&M University, College Station, 2Texas Agrilife Research, McGregor, TX, 3Texas Agrilife Research, Vernon, TX.

ANIMAL SCIENCE

2:30 PM  32
Dried distiller grains fed to calves on bahiagrass and bermudagrass pastures before weaning.
G. M. Hill1, K. C. Halbig2, A. N. Franklin1, and V. A. Corriher2, 1University of Georgia, Tifton, 2Texas AgriLife Ext. Ctr., Overton, TX.

2:45 PM  33
Performance of beef calves provided molasses-based creep supplements.
J. D. Arthington*, University of Florida-IFAS, Range Cattle Research and Education Center, Ona.

Graduate Student Competition III
Chair: David Riley, Texas A&M University
Nueces Ballroom A

1:15 PM  34
Heart rate and physical activity in growing Bonsmara heifers with divergent residual feed intake fed in confinement or on pasture.
A. N. Hafla1, G. E. Carstens1, T. D. A. Forbes2, J. C. Bailey1, and E. A. Dancy1, 1Texas A&M University, College Station, 2Texas Agrilife Research, Uvalde, TX.

1:30 PM  35
The relationship of cow size and calf birth weight to calf weaning weight in a commercial Brangus cow/calf operation.
C. D. Dobbs1, M. A. Brown2, and D. L. Lalman1, 1Oklahoma State University, Stillwater, 2USDA ARS Grazinglands Research Laboratory, El Reno, OK.

1:45 PM  36
Glycerol inhibition of ruminal lipolysis in vitro.
H. Edwards1, R. Anderson2, R. Miller1, T. M. Taylor1, M. Hardin1, S. Smith1, N. Krueger2, and D. Nisbet3, 1Texas A&M University, College Station, 2United States Department of Agriculture/Agricultural Research Service, Southern Plains Agricultural Research Center, Food & Feed Safety Research Unit, College Station, TX.

2:00 PM  37
Identification of key proteins associated with fat accretion in broiler chickens using a proteomics approach.
G. Kelley*, A. Stewart, X. Wang, F. Chen, and S. Nahashon, Tennessee State University, Nashville.
2:15 PM 38
Evaluation of optimum calcium and phosphorus requirement for pearl grey guinea fowl laying hens.
L. Glover*, G. Kelley, T. Boatswain, J. Tyus, and S. Nahashon, Tennessee State University, Department of Agricultural Sciences, Nashville.

2:30 PM 39
Evidence for the expression of a genetically diverse glucose-dependent insulinovert polypeptide (GIP) gene in the avian hypothalamus.
J. Tuys*, N. Bonner, and S. Nahashon, Tennessee State University, Department of Agricultural Sciences, Nashville.

2:45 PM 40
Developing a low-cost, sustainable feeding system using sweet potato forage for growing rabbits.

3:15 PM 41
The effects of ergot alkaloids on bovine sperm motility.
R. J. Page*, R. W. Rorie1, T. D. Lester1, C. L. Williams1, M. L. Looper2, J. D. Patterson1, M. P. Rowe1, and C. F. Rosenkrans1, 1University of Arkansas, Fayetteville, 2USDA-ARS, Booneville, AR.

3:30 PM 42
The effect of plant-tannins on mature fat cells regulation in goats.
F. Xie*, R.A. Katchko1, B. Fielder-Dierking1, M.A. Ramires1, E.A. Benavides1, R.L. Stanko1,2, and M.R. Garcia1, 1Texas A&M University, Kingsville, 2Texas AgriLife Research Station, Beeville, TX.

3:45 PM 43
Leptin influences normal formation of the corpus lutenum in the caprine species.
M.A. Ramirez*, F. Xie, E.A. Benavides, R.A. Katchko1, L. Ayala1, D.H. Keisler3, R.L. Stanko1,2, and M.R. Garcia1, 1Texas A&M University, 2Texas A&M University, AgriLife Research Station, Beeville, 3University of Missouri, Columbia.

4:00 PM 44
Relationship of Angus x Charolais cow measurements prepartum with subsequent calf performance.
A Davis1, M. L. Looper2, T. P. Neidecker3, B. C. Williamson1, D. L. Kreider1, and C. F. Rosenkrans1, 1University of Arkansas, Department of Animal Science, Fayetteville, 2USDA-ARS, Dale Bumpers Small Farms Research Center, Booneville, AR, 3Neidecker Farms, Van Buren, AR.

4:15 PM 45
Small ruminant integrated parasite management and FAMACHA® training in the United States.
N.C. Whitley*, M.A. Perdue2, S. Schoenian3, R.M. Kaplan4, B. Storey4, T.H. Terrill5, J.M. Burke6, S. Mobin5, and J.E. Miller7, 1North Carolina A&T State University, Greensboro, 2University of Maryland, Eastern Shore, Princess Anne, 3University of Maryland Extension, Keedysville, 4University of Georgia, Athens, 5Fort Valley State University, Fort Valley, GA, 6ARS USDA DBSFRC, Booneville, AR, 7Louisiana State University, Baton Rouge.

4:30 PM 46
Evaluation of sericea lespedeza grazed as a summer forage and natural gastrointestinal parasite control for goats.
J.-M. Lugnibuhl*, H.M. Glennon1, J.E. Miller2, and T.H. Terrill3, 1North Carolina State University, Raleigh, 2Louisiana State University, Baton Rouge, 3Fort Valley State University, Fort Valley, GA.

4:45 PM 47
Effect of feeding sericea lespedeza leaf meal on establishment of gastrointestinal nematode larvae in goats.
D.S. Kommuru*, T.H. Terrill1, B.R. Joshi1, A. Mechineni1, S. Gujja1, J.E. Miller2, J.A. Mosjidis3, and J.M. Burke4, 1Fort Valley State University, Fort Valley, GA, 2Louisiana State University, Baton Rouge, 3Auburn University, Auburn, AL, 4USDA/ARS/DBSFRC, Booneville, AR.
2:15 PM  48  
Influence of condensed tannins from sericea lespedeza on fecal shedding of antibiotic resistance-selected Escherichia coli O157:H7 in rams. 
M.L. Looper1, T.S. Edrington2, J.M. Burke1, J.E. Miller3, J.A. Mosjidis4, T.H. Terrill5, K.J. Genovese2, T.R. Callaway2, B.C. Williamson6, and C.F. Rosenkrans, Jr.5. 1USDA-ARS, Booneville, AR, 2USDA-ARS, College Station, TX, 3Louisiana State University, Baton Rouge, 4Auburn University, Auburn, AL, 5Fort Valley State University, Fort Valley, GA, 6University of Arkansas, Fayetteville.

2:30 PM  49  
Comparison of copper oxide wire particles, copper sulfate and anthelmintic treatment for controlling gastrointestinal nematode infection in lambs. 
J.E. Miller1, J.M. Burke2, J. Garza1, S. Callahan1, and T.H. Terrill3. 1Louisiana State University, Baton Rouge, 2USDA ARS, Booneville, AR, 3Fort Valley State University, Fort Valley, GA.

2:45 PM  
Break.

3:00 PM  50  
The efficacy of Rabon (tetrachlorvinphos) as a treatment for trichostrongylosis in small ruminants. 
J. Garza1, J. Bunagan2, V. Kelly3, and J. Miller1. 1Louisiana State University, 2University of Texas, Pan American, 3Oklahoma State University, Stillwater.

3:15 PM  51  
Influence of season of lambing on gastrointestinal nematode infection of lambs. 
J.M. Burke1, and J.E. Miller2. 1USDA, ARS, Booneville, AR, 2Louisiana State University, Baton Rouge.

3:30 PM  52  
Testing efficacy of anthelmintic combinations in goats. 
S. Hart1, L. Dawson2, and Z. Wang1. 1Langston University, E (Kika) de la Garza American Institute for Goat Research, Langston, OK, 2Oklahoma State University, Boren College of Veterinary Medicine, Stillwater.

3:45 PM  53  
Efficacy of garlic juice, copper oxide wire particles, and anthelmintics to control gastrointestinal nematodes in goats. 
A. D. Courter1, M. K. Neary1, T. K. Hutchens2, K. Andries3, J. E. Miller4, L. M. Pezzanine5, J. E. Tower1, and M. E. Einstein1. 1Purdue University, West Lafayette, IN, 2University of Kentucky, Lexington, 3Kentucky State University, Frankfort, 4Louisiana State University, Baton Rouge.

4:00 PM  54  
Sunhemp with chicory or pearl millet to minimize gastrointestinal nematode infection in weaned goats. 
J.M. Burke1, J.A. Mosjidis2, J.E. Miller3, P. Casey4, and T.H. Terrill5. 1USDA, ARS, Booneville, AR, 2Auburn University, Auburn, AL, 3Louisiana State University, Baton Rouge, 4Heifer International, Perryville, AR, 5Fort Valley State University, Fort Valley, GA.

Breeding and Genetics
Chair: Lisa Kriese-Anderson, Auburn University Aransas

2:00 PM  55  
Genetic parameter estimates for weaning chute behavior score as an indicator trait for temperament in purebred Angus calves. 
A. H. Brown, Jr.1, Z. B. Johnson1, S. W. Coleman2, M. A. Elzo3, F. A. Thrift4, S. M. DeRouen5, D. E. Franke6, W. E. Wyatt3, R. C. Vann6, G. R. Hansen7, and D. G. Riley8. 1University of Arkansas, Division of Agriculture, Fayetteville, 2USDA/ARS, Brooksville, FL, 3University of Florida, Marianna, 4University of Kentucky, Lexington, 5Louisiana State University Agcenter, Homer, Baton Rouge, Iberia, Baton Rouge, 6Mississippi State University, Raymond, 7North Carolina State University, Plymouth, 8Texas A&M Agrilife, College Station.

2:15 PM  56  
QTL mapping for overall temperament at weaning in Nellore-Angus cattle using Bayesian Inference. 
L.L. Hulsman1, S.O. Peters6, J.O. Sanders1, A.D. Herring1, C.A. Gill1, and D.G. Riley1. 1Texas A&M University, Department of Animal Science, College Station, 2New Mexico State University, Department of Animal and Range Sciences, Las Cruces, NM.
Factors affecting birth weight in Bolivian purebred Nelore cattle.
E. L. Oxford1, A. H. Brown, Jr., J. A. Pereira2, J. H. Landivar1, C. F. Rosenkrans, Jr., and B. R. Kutz1,
1University of Arkansas, Division of Agriculture, Fayetteville, 2University Gabriel Rene Moreno, Santa Cruz, Bolivia, 3Asociacion Boliviana de Criadores de Cebu Bolivian Association of Cebu Breeders (ASOCEBU), Santa Cruz, Bolivia.

Heterosis for calving and weaning rates in Brahman- Hereford cows.
L. Boenig*, D.G. Riley, J.O. Sanders, and J.A. Sawyer, Texas A&M University, College Station.

Evaluation of F1 cows by Brahman, Boran, and Tuli bulls for reproductive, maternal and longevity traits.
C.T. Muntean*, J.O. Sanders, A.D. Herring, and D.G. Riley, Texas A&M University, College Station.

Coefficient of heritability for underline scores in Beefmaster cattle.
B. R. Kutz1, A. H. Brown, Jr., T. L. Perkins2, Z. B. Johnson1, and C. F. Rosenkrans, Jr., 1University of Arkansas, Division of Agriculture, Fayetteville, 2Beefmaster Breeders United, San Antonio, TX.

Effects of hair coat shedding on weaning performance and association to hair measurements in beef cattle females.
N. B. Simmons*, M. L. Marks, J. A. Parish, S. T. Willard, and T. Smith, Mississippi State University, Starkville.

Effects of osteopontin single nucleotide polymorphisms on bull semen quality.
C.L. Williams*, T.D. Lester, M.P. Rowe, C.F. Rosenkrans, Jr., and R.W. Rorie, University of Arkansas Division of Agriculture, Fayetteville.

Small Ruminant Subcommittee of the NAGP Laguna Madre
7:00 PM
Small Ruminant Subcommittee of the NAGP.

Tuesday, February 8

SYMPOSIA AND ORAL SESSIONS

Ruminant Animal Production II
Chair: Adegbola Adesogan, University of Florida
Nueces Ballroom B

SS-ASAS Emerging Scholar Award:
Weaning management of newly received beef calves with or without exposure to a persistently infected bovine viral diarrhea virus type 1b calf: Effects on health, performance, bovine viral diarrhea virus type 1a titers, and circulating leukocytes
J. T. Richeson*1, E. B. Kegley1, B. L. Vander Ley2, and J. F. Ridpath3, 1University of Arkansas, Fayetteville, 2Iowa State University, Ames, 3USDA-ARS, National Animal Disease Center, Ames, IA.

Performance of beef steers finished on three forage systems in the deep South.
G. Scaglia*, J. Rodriguez2, G. Gentry2, K. McMillin3, and J. Gillespie3, 1Louisiana State University, Agricultural Center, Iberia Research Station, Jeanerette, 2Louisiana State University, Agricultural Center, School of Animal Sciences, Baton Rouge, 3Louisiana State University, Agricultural Center, Department of Agricultural Economics and Agribusiness, Baton Rouge.

Do heating treatments change the cis-9, trans-11 conjugated linoleic acid level in dairy products?
G. Davila- El Rassi and V. Banskalieva*, Oklahoma State University, Robert M. Kerr Food and Agricultural Products Center, Stillwater.
Noble Foundation, Inc.

systems.

stocker cattle as an alternative to traditional

Monticello

Little Rock

Whitworth

M.S. Gadberry

and J. T. Biermacher, The Samuel Roberts

Noble Foundation, Inc., Ardmore, OK.

9:15 AM 66

Effects of form and level of nitrogen intake on serum urea nitrogen and urine urea nitrogen concentrations, and total nitrogen excretion in feedlot cattle.

A Gueye1,2, C.R. Richardson2, and N.A. Cole3, 1Mount Ida College, Newton Center, MA, 2Texas Tech University, Lubbock, 3USDA-ARS Conservation and Production Research Laboratory, Bushland, TX.

9:30 AM 67

Influence of crude glycerin in the growing diet on Angus and Braunvieh-sired steer calves.

M.H. Poore*, J.P. Cassady, M.A. Alley, and K.A. Gray, North Carolina State University, Raleigh.

9:45 AM 68

Evaluation of an ear-mounted thermometer device and antibiotic metaphylaxis in newly received beef calves.


Extension I

Chair: Jeff Lehmkuhler, University of Kentucky Capano

8:15 AM 69

A survey of soil and plant tissue nutrient status of established bahiagrass pastures in southwest Florida.

R.D. Speckmann1, M.L. Silveira1, B. Carlisle2, C.L. Kirby2, R.W. Gornto2, and L.F. Wiggins2, 1University of Florida, Range Cattle Research and Education Center, Ona, 2University of Florida, IFAS Extension, Gainesville.

8:30 AM 70

Forage/management systems for beef cow-calf production.


8:45 AM 71

Effect of stocking rate on the dawn to dusk activity of non-lactating beef cows.

M.S. Gadberry1, G. Montgomery2, and W. Whitworth1, 1University of Arkansas, Coop Ext Serv, Little Rock, 2University of Arkansas, SEREC, Monticello.

9:00 AM 72

An intensive production system using lightweight stocker cattle as an alternative to traditional systems.


9:15 AM 73

UGA basic balancer: A computer based ration balancing program.

R.L. Stewart, Jr.1, D.W. Hancock1, and R.C. Lacy2, 1University of Georgia, Athens, 2University of Georgia, Tifton.

9:30 AM 74

Evaluation of ranking performance tested bulls by reducing the testing period from 112 Days to 84 days.

F.D. Kirkpatrick*, J.B. Neel, and B.T. Campbell, University of Tennessee, Knoxville.

9:45 AM 75

Using estrus synchronization and AI to improve market value of calves.

L. H. Anderson*1, K. D. Bullock1, J. D. Rhinehart2, J. W. Lehmkuhler1, and W. R. Burris1, 1University of Kentucky, Lexington, 2University of Tennessee, Knoxville.

10:00 AM

Break.

Pastures and Forages

Chair: Joao Vendramini, University of Florida Matagorda

8:15 AM 76

Effects of sow stocking rates on soil nutrients in a bermudagrass (Cynodon dactylon) pasture.

S. Pietrosemoli1, J. C. Guevara2, and J. T. Green3, 1North Carolina State University, Animal Science Department, Raleigh., 2Alternative swine research and extension project, Raleigh, NC, 3North Carolina State University, Crop Science Department, Raleigh.

8:30 AM 77

Effects of year-round stocking rates and stocking methods on cow-calf productivity and forage nutritive value.

W. E. Wyatt1, B. C. Venuto2, J. M. Gillespie3, and D. C. Blouin1, 1Louisiana State University Agricultural Center, Jeanerette, 2Grazing Lands Research Laboratory, USDA, ARS, El Reno, OK, 3Louisiana State University Agricultural Center, Baton Rouge.

8:45 AM 78

Comparing nitrogen fertilizer to interseeded clovers or alfalfa in bermudagrass pastures for growing calves.

P. Beck1, T. Hess1, D. Hubbell1, J. Jennings1, and D. Miller2, 1University of Arkansas, Division of Agriculture, Little Rock, 2Producers Choice Seed, Nampa, ID.
ANIMAL SCIENCE

9:00 AM  79
Intake and digestibility of corn stover by beef cattle.

9:15 AM  80
Relationships between performance and feed efficiency in Bonsmara heifers when confinement fed or on pasture.
L.M. Wiley*1,2, T.D.A. Forbes2, A.N Halla1, C.M. Hensarling3, B.G. Warrington2, and G.E. Carstens1, 1Texas A&M University, College Station, 2Texas AgriLife Research, Uvalde, TX.

9:30 AM
Break.

9:45 AM  81
Effect of cultivar, maturity, and harvest form of peanut (Arachis hypogaea) on nutritive value and in situ degradation kinetics.
J. L. Foster1, G. C. Lamb2, B. Tillman3, J. Marois3, D. Wright4, and M. K. Maddox5, 1Texas A&M University, Texas AgriLife Research, Department of Soil and Crop Sciences, Beeville, 2North Florida Research and Education Center, University of Florida Department of Animal Sciences, Marianna, 3North Florida Research and Education Center, Agronomy Department, Marianna.

10:00 AM  82
Seeding winter legumes into Bermudagrass (Cynodon dactylon) pastures: forage yield and impact on subsequent summer hay crop.
S.R. Freeman*, M.H. Poore, A.D. Shaeffer, and H.M. Glennon, North Carolina State University, Raleigh.

10:15 AM  83
Forage quality of triticale fertilized with poultry litter or commercial fertilizer.
C. Britton, W. Owsley*, R. Muntifering, and C. Wood, Auburn University, Auburn, AL.

10:30 AM  84
Effect of endophyte infected tall fescue seed extract on cytochrome P450 system.
A.S. Mubararak1, Z.B. Johnson1, M.L. Looper2, and C.F. Rosenkrans, Jr1, 1University of Arkansas, Fayetteville, 2USDA-ARS, Booneville, AR.

10:45 AM  85
Ingestion of tall fescue (Festuca arundinacea Schreb.) seed reduces surface temperature of Angus steers in a thermoneutral environment.
B. Junell1, G. Huntington, M. Ashwell, M. Poore, and A. Rodger, North Carolina State University, Raleigh.

ANIMAL SCIENCE

8:15 AM  86
Differential response to lipopolysaccharide (LPS) and corticotrophin-releasing hormone (CRH) on immune parameters.
N.C. Burdick1,2, L.E. Hulbert1,2, J.A. Carroll1, L.C. Caldwell2, M.A. Ballou3, R.C. Vann4, A.N. Loyd5, T.H. Welsh, Jr.2, and R.D. Randel1, 1Livestock Issues Research Unit, USDA-ARS, Lubbock, TX, 2Texas AgriLife Research, Texas A&M System, College Station, 3Texas Tech University, Department of Animal and Food Sciences, Lubbock, 4MAFES, Mississippi State University, Raymond, 5Texas AgriLife Research, Overton, TX.

8:30 AM  87
Effect of temperament on response to cannulation and glucose challenge in crossbred beef heifers.
B.L. Bradbury1, R.C. Vann2, L.C. Mapei3, A.W. Lewis3, T.H. Welsh Jr.3, and R.D. Randel1, 1Texas AgriLife Research, Overton, TX, 2MAFES-Brown Loam Experiment Station, Raymond, MS, 3Texas AgriLife Research, College Station, TX.

8:45 AM  88
Plasma cortisol levels in roping calves.
A.L. Greathouse*, B Pousson, K Comeaux, J Browning, and C.E. Ferguson, McNeese State University, Lake Charles, LA.

9:00 AM  89
Body temperature measurements of senepol and crossbred calves in the tropics.
D.L. Rubino*1, A.J. Weis1, A.M. Hogg1, and R.W. Godfrey1, 1University of the Virgin Islands, St Croix, 2Delaware Valley College, Doylestown, PA.

9:15 AM  90
A novel role for arginine in enhancing neonatal thermogenesis.
S.M. Greff*, G. Wu, and M.C. Satterfield, Texas A&M University, College Station.

9:30 AM
Break.

9:45 AM  91
Effects of GnRH and prostaglandin combined with a short progestin regimen on the synchrony of estrus and pregnancy rate in ewes.
10:00 AM 92
Evaluation of organic versus inorganic trace mineral supplementation on bull semen quality.

10:15 AM 93
Conception rates of sex-sorted semen in beef heifers and cows.
J. D. Rhinehart1*, A. M. Arnett2, L. H. Anderson3, W. D. Whittier4, J. E. Larson5, W. R. Burris3, J. B. Elmore6, D. T. Dean7, and J. M. DeJarnette2, 1University of Tennessee, Knoxville, 2Select Sires Inc., Plain City, OH, 3University of Kentucky, Lexington, 4Virginia Tech University, Blacksburg, 5Mississippi State University, Starkville, 6Auburn University, Auburn, AL, 7Sexing Technologies, Navasota, TX.

10:30 AM 94
Use of MATRIX® and P.G. 600® in combination to synchronize estrus in replacement gilts.
M.J. Estienne*, Virginia Polytechnic Institute and State University, Blacksburg.

10:45 AM 95
The incidence of calving was influenced by barometric pressure and maximum and minimum temperatures.
T. R. Troxel* and Z. B. Johnson2, 1University of Arkansas, Little Rock, 2University of Arkansas, Fayetteville.

10:00 AM 98
Carcass characteristics of pasture-raised goats.
S.G. Schoenian1*, M.B. Bennett6, E.N. Escobar6, D.G. Gordon3, J.W. Semler2, and M.S. Updike4, 1University of Maryland, Keedysville, 2University of Maryland, Boonsboro, 3University of Maryland, Derwood, 4University of Maryland, College Park, 5West Virginia University, Martinsburg, 6University of Maryland, Eastern Shore, Princess Anne.
ANIMAL SCIENCE

Extension II
Chair: Justin Rhinehart, University of Tennessee
Capano

10:15 AM 104
Assessing variability of on-farm post-weaning feeder calf performance.
J.W. Lehmkuhler*, K. Burdine, and W.R. Burris,
University of Kentucky, Lexington.

10:30 AM 105
Using electronic forms for rapid response.
J.W. Lehmkuhler*, S.R. Smith, G.D. Lacefield, M. Bilderback, and W.R. Burris,
University of Kentucky, Lexington.

10:45 AM 106
Use of a cattle artificial insemination school as extension programming.
J. A. Parish, M. L. Marks*, and J. E. Larson,
Mississippi State University, Mississippi State.

11:00 AM 107
Use of a twice monthly videoconference to meet extension needs.
D.L. Rankins, Jr.* and W.N. Presley, Auburn University, Auburn, AL.

11:15 AM 108
Beef IQ: Use of critical control points to evaluate and improve beef cattle management practices.
B. L. Barham*, M.S. Gadberry1, P. Beck2, W. Witworth3, J. Jennings1, and J. Powell4,
1University of Arkansas, Division of Agriculture, Little Rock,
2University of Arkansas, Division of Agriculture, Hope,
3University of Arkansas, Division of Agriculture, Monticello,
4University of Arkansas, Division of Agriculture, Fayetteville.

11:30 AM 109
Beef IQ program: 2-year follow-up survey of participants.
M.S. Gadberry*, B.L. Barham1, T.R. Troxel1, P. Beck2, W. Whitworth3, J. Powell4, and J. Jennings1,
1University of Arkansas, Coop Ext Serv, Little Rock,
2University of Arkansas, SWREC, Hope,
3University of Arkansas, SEREC, Monticello,
4University of Arkansas, Dept. of ANSC, Fayetteville.

ANIMAL SCIENCE

Extension III
Chair: Jason Banta, Texas A&M University
Capano

1:15 PM 110
Building confidence and skills of female livestock extension agents.
A.D. Shaeffer*, M.H. Poore, M.J. Kistler, J.A. Moore, and M.L. Alley,
North Carolina State University, Raleigh.

1:30 PM 111
The impact of "Beef Cattle Time" as perceived by Tennessee beef producers.
C.L. Perez, J.B. Neel*, R.G. Waters, C.A. Stephens, and B.T. Campbell,
University of Tennessee, Knoxville.

1:45 PM 112
Effect of size of beef operations on management techniques.
J.B. Neel**, C.D. Lane1, F.D. Kirkpatrick1, W.W. Gill2, and B.T. Campbell1,
1University of Tennessee, Knoxville, 2Middle Tennessee State University, Murfreesboro.

2:00 PM 113
Effect of producer characteristics on size of beef operations and management practices.
B.T. Campbell**, J.B. Neel1, C.D. Lane1, F.D. Kirkpatrick1, and W.W. Gill2,
1University of Tennessee, Knoxville, 2Middle Tennessee State University, Murfreesboro.

2:15 PM 114
Affects of fat content and source on consumption time by two year old quarter horses.
M.L. McMillan*, K.R. Hall, S.F. Kelley, and L.R. McMillan,
Sam Houston State University, Huntsville, TX.

Meats
Chair: Ty Schmidt, Mississippi State University
Laguna Madre

1:15 PM 115
Effects of phase-feeding beef tallow on growth performance and carcass characteristics of growing-finishing pigs fed dried distillers grains with solubles.
University of Arkansas, Division of Agriculture, Department of Animal Science, Fayetteville.
ANIMAL SCIENCE

1:30 PM  116
Effects of residual feed intake classification on carcass characteristics, tenderness and value in Angus-based composite steers.

1:45 PM  117
Translocation of surface-inoculated Escherichia coli into whole muscle non-intact beef striploins following blade tenderization.
D. Johns¹, C. Bratcher¹, C. Kerth², and T. McCaskey¹,¹ Auburn University, Auburn, AL, ²Texas A&M University, College Station.

2:00 PM  118
Evaluating the flavor profile of pre-cooked roasts from forage versus grain fed beef.
K. McMurtrie³, C. Bratcher¹, C. Kerth², B. Smith³, and P. Curtis¹,¹ Auburn University, Auburn, AL, ²Texas A&M University, College Station, ³John R White, Birmingham, AL.

2:15 PM  119
Effects of cytochrome P450 genotype and tall fescue cultivar on taste panel evaluation of and alkaloid concentrations in beef.
C. Rosenkranz, Jr.*,¹, M. Looper², C. Krehbiel³, D. VanOverbeke³, and N. Hill³,¹ University of Arkansas, Fayetteville, ²USDA-ARS, Booneville, AR, ³Oklahoma State University, Stillwater, ⁴University of Georgia, Athens.

2:30 PM  120
Demographics of branded beef consumers: Have they changed over time?
M. Beverly¹, K. Stutts¹, S. Kelley¹, R. Hanagriff³, and R. Rhoades²,¹ Sam Houston State University, Huntsville, TX, ²Texas A&M University, Kingsville.

2:45 PM  121
Product characteristics and promotional items that impact consumer beef purchases.
K. J. Stutts¹,², M. M. Beverly¹, S. F. Kelley¹, R. D. Hanagriff³, and R. D. Rhoades²,¹ Sam Houston State University, Huntsville, TX, ²Texas A&M University, Kingsville.

ANIMAL SCIENCE

1:15 PM  122
Insulin resistance in Brahman bulls and heifers selected for residual feed intake.
G. L. Shafer¹,², A. W. Lewis¹, D. A. Neuendorff¹, L. C. Mapel³, T. D. A. Forbes³, T. H. Welsh, Jr.², and R. D. Randal¹,¹ Texas AgriLife Research, Overton, ²Texas AgriLife Research, College Station, ³Texas AgriLife Research, Uvalde.

1:30 PM  123
Chromium supplementation enhances the acute phase response of steers to a lipopolysaccharide (LPS) challenge.
N. C. Burdick¹,², B. C. Bernhard², J.A. Carroll¹, J.W. Dailey¹, R.J. Rathmann², and B.J. Johnson²,¹ Livestock Issues Research Unit, USDA-ARS, Lubbock, TX, ²Texas Tech University, Department of Animal and Food Sciences, Lubbock.

1:45 PM  124
Acute modulation of cytokine gene expression in bovine PBMCs by endogenous cortisol.
N. C. Burdick¹,²,³, B.J. Agado², R.D. Randal², D.A. Neuendorff¹, J.A. Carroll¹, L.C. Vann¹, C.G. Chitko-McKown³, S.D. Lawhon³, and T.H. Welsh, Jr.¹,⁶,¹ Texas AgriLife Research, Texas A&M System, College Station, ²Texas AgriLife Research, Texas A&M System, Overton, ³Livestock Issues Research Unit, USDA-ARS, Lubbock, TX, ⁴MAFES, Mississippi State University, Raymond, ⁵US Meat Animal Research Center, USDA-ARS, Clay Center, NE, ⁶Texas A&M University, College of Veterinary Medicine, College Station.

2:00 PM  125
Comparison of peripheral concentrations of adrenocorticotropic (ACTH), cortisol (CS) and insulin-like growth factor-I (IGF-I) in term septic and non-septic neonatal foals.
J. R. Gold¹, L. C. Caldwell¹,², B. L. Ideus², N. D. Cohen¹, and T. H. Welsh, Jr.²,¹ Texas A&M University, College Station, ²Texas AgriLife Research, College Station, TX.

2:15 PM  126
Differences in hepatic IGF signaling in IUGR and IUGA fetuses from nutrient restricted dams.
M.C. Satterfield*, R.M. Simmons, S.M. Greff, and K.A. Dunlap, Texas A&M University, College Station.
ANIMAL SCIENCE

2:30 PM  127
Effects of monensin on Campylobacter and Salmonella in vitro.
N.A. Krueger*, R.C. Anderson1, J.A. Byrd1, M.D. Flythe2, and D.J. Nisbet1,1 Food & Feed Safety Research Unit, United States Department of Agriculture, Agriculture Research Service, College Station, TX, 2University of Kentucky, Forage Animal Production Research Unit, Lexington.

BIOCHEMISTRY AND BIOTECHNOLOGY

108th Annual Meeting of The Southern Association of Agricultural Scientists
Biochemistry and Biotechnology Division
Omni Hotel, Bayfront Capano Room
Corpus Christi, TX, February 7, 2011

8:55 Introductory Remarks – Dr. Jeff Boles, President
Dr. SK Ballal, Program Chair

9:00 “Production of Chemicals from Agricultural Materials by Microbial Conversions” George Bennett and Ka-Yiu San, Department of Biochemistry & Cell Biology Rice University 6100 Main St., Houston, Texas 77005-1892.

9:30 “The Role of Kudzu as an Alternative Food Crop and Phytoremediator of Selected Metal” Safaa Al-Hamdani, David Ponder and Kristin Schwarzauer, Biology Department, Jacksonville State University, Jacksonville, AL 36265

10:00 “Lead-tolerant Ochrobactrum strain Pb4 and Other Bacteria Isolated from Lead-Contaminated Soil and Chat” Jim Champine, Jennifer L. Seabaugh, Maria Palmieri, Philip W. Crawford, Danielle Brakefield, Joseph Toney, Saira Khan, James Collins, Jason T. Forys and Maija Bluma, One University Plaza, Biology Department, MS6200, Southeast Missouri State University, MO 63701.

10:30 “Mapping the Cis-Regulatory Elements for Caffeine and Phenobarbital Induction of a Drosophila Cytochrome P450 Gene by Site-Directed Mutagenesis” Ranjan Ganguly and Olivia Hill, Department of Biochemistry, Cellular & Molecular Biology, M407 Walters Life Science Building, The University of Tennessee, Knoxville, TN 37996.

11:00 “The Plasma Membrane Serves as a Subcellular Location for One Isoform of Myo-inositol 1 Phosphate Synthase in Arabidopsis” Margaret Johnson, Tiffany Johnson and Xin Yang, Department of Biological Sciences, The University of Alabama, Tuscaloosa, AL 35487.

11:30 Lunch
BIOCHEMISTRY AND BIOTECHNOLOGY

1:00  “Molecular Mechanisms Underlying Vernalization Response” Sibum Sungand, Jae Bok Heo, Dong-Hwan Kim and Brett R. Zografos, Section of Molecular Cell & Developmental Biology and Institute for Cellular & Molecular Biology, University of Texas at Austin, Austin, TX 78712.

1:30  “Modulation of Plant Auxin Response by Environmental Stresses” Sunethra Dharmasiri, Thilanka Jayaweera, Praveen Kumar Kathare, Nirmala Karunarathna, Yuting Hou, Kevin Hartgrove, Sherry Albers and Nihal Dharmasiri, 601 University Drive, Department of Biology, Texas State University, San Marcos, TX 78666.

2:00  “No Sweat: A New Method for Engineering Thermotolerant Crops” Kendal Hirschi, Ning Hui Cheng and Sunghun Park, Children’s Nutrition Research Center, Bayor College of Medicine, Houston, TX 77030.

2:30  “Production and Field Testing of Transgenic Cotton That Expresses Transcription Factors for Enhanced Traits and Productivity Under Drought Stress” Chris Rock, Amandeep Mittal, Tom Thompson and John Burke, Department of Biological Sciences, Texas Tech University, mailstop 3131, Lubbock, TX 79409-3131.

3:00  “Sequencing of the First Cultivated Cotton Genome by Texas and Its Implications for Breeding” Thea A. Wilkins, Gregory D. May, Joann Mudge and Curt Brubaker, Dept. of Plant and Soil Science, Texas Tech University, Mail Stop 42122, Lubbock, TX 79424.

3:30  Closing Remarks

HORTICULTURAL SCIENCE

PROGRAM
71st ANNUAL MEETING
Southern Region
American Society for Horticultural Science
Corpus Christi, TX
February 5-7, 2011

SPECIAL EVENTS AND SESSIONS

SATURDAY, February 5, 2011

7:00 am - 6:00 pm
Registration
Presiding: Dave Reed
Room: Bayfront Hotel Lobby

8:00 am - 5:00 pm
Certified Horticulturist Examination
Presiding: Mike Neff
Room: Bayfront Laguna Madre

8:00 am - 5:00 pm
Pecan Research and Extension Forum
Presiding: Monty Nesbitt
Room: Bayfront Copano

8:00 am - 5:00 pm
Southern Blueberry/Small Fruit Workers
Presiding: Elena Garcia
Room: Bayfront Matagorda

10:00 am - 11:30 pm
ACB Program, Share Club Activities and Refreshments
Presiding: Chris von Kohn, ACB President
Room: Bayfront Nueces Ballroom A

12:00 noon - 5:00 pm
ACB Group Lunch and/or Tour
Presiding: Chris von Kohn, ACB President
Room: Bayfront Nueces Ballroom A or TBA

1:00 pm - 5:00 pm
Horticulture Administrators
Presiding: Doug Bailey
Room: Bayfront Partnership Boardroom

5:00 pm - 6:00 pm
Executive Committee Meeting
Presiding: Cynthia McKenney, Chair, Executive Committee
Room: Bayfront Partnership Boardroom

6:00 pm - until
ACB Reception and Mixer
Presiding: Chris von Kohn, ACB President
Room: Bayfront Nueces Ballroom A or TBA
SUNDAY, FEBRUARY 6, 2011

7:00 am - 6:00 pm
Registration
Presiding: Dave Reed
Room: AmBank Level 1 Foyer

8:00 am – 12:00 pm
Set up Posters
Presiding: Jay Spiers
Room: AmBank Level 1 Foyer

8:00 am – 12:00 noon
J. Benton Storey Horticulture Judging Contest Setup
Presiding: Leo Lombardini, ACB Advisor
Aaron Griffith, ACB Vice President
Room: AmBank room 225A/B

8:00 am - 10:00 am
Extension Section
Presiding: Tim Coolong
Room: AmBank room 105

8:00 am - 12:00 pm
Watermelon Research Group
Presiding: Richard Hassell
Room: AmBank room 107

8:00 am - 9:15 am
J. B. Edmond Undergraduate Student Paper Competition
Presiding: Chris von Kohn, ACB President
Mike Arnold, SR-ASHS President
David Lockwood, Section Chair & Judging Coordinator
Room: AmBank room 104

9:00 am - 12:00 noon
Vigna Crops Germplasm Committee
Presiding: Richard Fery
Room: AmBank room 106

9:15 am - 1:30 pm
Norman F. Childers M.S. Student Paper Competition
Presiding: Brian Kahn, President-Elect
Room: AmBank room 104

12:00 noon - 5:00 pm
Poster Session Viewing
Room: AmBank Level 1 Foyer

1:00 pm - 5:00 pm
National Cowpea Improvement Association
Presiding: John Trachta
Room: AmBank room 106

MONDAY, FEBRUARY 7, 2011

1:00 pm - 5:00 pm
J. Benton Storey Horticulture Judging Contest
Presiding: Leo Lombardini, ACB Advisor
Aaron Griffith, ACB Vice President
Room: AmBank room 225A/B

1:30 pm - 3:00 pm
Warren S. Barham Ph.D. Student Paper Competition
Presiding: Brian Kahn, President-Elect
Room: AmBank room 104

1:00 pm - 3:00 pm
Poster Session - Authors and Students in Competition at Posters
1:00 pm - 2:30 pm even numbered posters
2:30 pm - 4:00 pm odd numbered posters
Room: AmBank Level 1 Foyer

1:00 pm - 3:00 pm
Vegetable Crops Section
Presiding: Richard Hassell
Room: AmBank room 107

3:00 pm - 5:00 am
Education Section
Presiding: David Berle
Room: AmBank room 105

4:00 pm - 6:00 pm
SAAS Program
SAAS Opening Session
Presiding: Mark Hussey, President SAAS
Room: Bayfront Nueces Ballroom A

6:00 pm
SAAS Super Bowl Party and Reception
Location: (offisite) Brewster Street Icehouse
8:00 am - 10:30 pm  
**Fruit Crops Section**  
Presiding: Niels Maness  
Room: AmBank room 107  

8:00 am - 10:30 am  
**Floriculture, Ornamentals and Turf Section**  
Presiding: Raul Cabrera  
Room: AmBank room 105  

8:00 am - 10:30 am  
**Postharvest/Biotechnology/Plant Biology Section**  
Presiding: Amnon Levi  
Room: AmBank room 104  

9:00 am - 10:30 am  
**ACB Business Meeting**  
Presiding: Chris von Kohn, ACB President  
Room: AmBank Bayview C  

11:00 am - 12:30 pm  
**Annual Business Meeting and Award Program**  
Presiding: Mike Arnold, President  
Room: AmBank Bayview C  

1:00 pm - 3:00 pm  
**Vegetable Crops Section**  
Presiding: Richard Hassell  
Room: AmBank room 106  

1:00 pm - 2:00 pm  
**Fruit Crops Section**  
Presiding: Niels Maness  
Room: AmBank room 107  

1:00 pm - 4:00 pm  
**Poster Session Take Down**

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**SECTION TITLES**

**SUNDAY, FEBRUARY 6, 2011**

**J. B. EDMOND UNDERGRADUATE STUDENT PAPER COMPETITION**

Room: AmBank Room 104  
Presiding: Chris von Kohn, President, ACB  
Mike Arnold, President, SRASHS  
David Lockwood, Section Chair and Judging Coordinator  

Abstracts: To publish abstract in *HortScience*, submit on disk at meeting or email to Chair: (dlockwood@utk.edu)

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

Room: AmBank Room 104  
Presiding: Brian Kahn, President-Elect, Southern Region ASHS  

Abstracts: To publish abstract in *HortScience*, submit on disk at meeting or email to Chair: (brian.kahn@okstate.edu)

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**10:00 am – 12:00 pm  Order of presentations determined by drawing at beginning of contest.**  
**Increasing Sweet Potato Transplanting Efficiency by Creating a Way to Mechanize the Process.**  
Brian Ward*, D. Labonte, E. Bush. School of Plant, Environmental and Soil Sciences, Louisiana State University, Louisiana State University AgCenter, Baton Rouge, Louisiana.  
(dlabonte@agcenter.lsu.edu)

**Alternative Propagation Media for Ornamental Crops.**  
Mark Wilson and Edward Bush, LSU AgCenter-SPESS, 137 J.C. Miller Hall Baton Rouge, LA 70803. (ebush@agctr.lsu.edu)

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**Effect of Paclobutrazol, Uniconazole, or Flurprimidol Applied as a Substrate Drench or by Subirrigation on Growth of Monarda.**  
Rachael Pepin* and Janet C. Cole, Department of Horticulture and Landscape Architecture, Oklahoma State University, Stillwater, OK 74078.  
(natalie.pan@okstate.edu)

**Differential Protein Expression of Drought Stressed Tall Fescue (*Festuca arundinacea* Schreb.).**  
Xiaowei Pan*, Justin Quetone Moss, Kemin Su, and Yichen Liu, Department of Horticulture and Landscape Architecture, Oklahoma State University, Stillwater, OK 74078.  
(natalie.pan@okstate.edu)

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**Effects of Organic Fertilizers on *Chrysanthemum nankingense*.**  
Yan Zhao* and Mengmeng Gu, 32 Creelman Street, Department of Plant and Soil Science, Mississippi State University, Starkville, MS 39762.  
(yz218@msstate.edu)

**Orchard Design Influences Satsuma Mandarin Production.**  
Michael R. Harrison1*, Jay D. Spiers1, Elina Coneva1, William Dozier1, Floyd M. Woods1, and David A. Burnie21 Department of Horticulture, Auburn University, 101 Funchess Hall, Auburn, AL 36849, 2Gulf Coast Research and Extension Center, Fairhope, AL 36532.  
(harrimr@auburn.edu)
WARREN S. BARHAM Ph.D. GRADUATE STUDENT PAPER COMPETITION

Room: AmBank Room 104
Presiding: Brian Kahn, President-Elect, Southern Region ASHS
Abstracts: To publish abstract in *HortScience*, submit on disk at meeting or email to Chair: (brian.kahn@okstate.edu)

12:30 pm – 2:30 pm Order of presentations determined by drawing at beginning of contest.

An Assessment of Texas AgriLife Extension’s Need for Information on Organic Agriculture.

Patrick T. Lillard1*, James R. Lindner2*, and Joseph G. Masabni1, 225 Horticulture/Forest Science Building, Department of Horticultural Sciences, Texas A&M University, College Station, TX 77843-2134, 2226 Scoates Hall, Department of Agricultural Leadership, Education, and Communications, Texas A&M University, College Station, TX 77843-2116.

Ananthanarayanan, Phenolics, and Antioxidant Capacity of Vaccinium L. in Texas, USA.

Lijing Zhou1*, David Creech1, Wei Yuan2, Guangrui Deng2, Ping Wang2, and Shiyou Li2, 1SFA Gardens, Arthur Temple College of Forestry and Agriculture, Stephen F. Austin State University, Nacogdoches, TX 75962, 2National Center for Pharmaceutical Crops, Arthur Temple College of Forestry and Agriculture, Stephen F. Austin State University, Nacogdoches, TX 75962.

Enhancing Plant Tolerance to Drought through the Use of Selected Fungicides.

Diana R. Cochran* and Richard L. Harkess, 117 Dorman Hall, Mississippi State University, Mississippi State, Mississippi 39762. (dc849@pss.msstate.edu)
HORTICULTURAL SCIENCE

9:30 eViticulture.org: A National Grape Community of Practice Eric T. Stafne1*, Lane Greer1, Ed Hellman2, R. Keith Striegler3, and Kathleen Kelsey4, 1358 Agricultural Hall, Department of Horticulture and Landscape Architecture, Oklahoma State University, Stillwater, OK 74078. 2Texas AgriLife Extension Service Agricultural Research and Extension Center, 1102 E. FM 1294 Lubbock, TX 79403-6603. 3Institute for Continental Climate Viticulture and Enology, Division of Food Systems and Bioengineering, College of Agriculture, Food, and Natural Resources, 108 Eckles Hall, University of Missouri – Columbia, Columbia, MO 65211-5140. 4Agricultural Education, Communications, & Leadership, Oklahoma State University, 466 Agricultural Hall, Stillwater, OK 74078.

Eric T. Stafne (eric.t.stafne@okstate.edu)

9:45 Using Facebook to Provide Clientele Horticultural Information. Allen Owings*, LSU AgCenter, Hammond Research Station, 21549 Old Covington Hwy, Hammond, LA 70403. (aowings@agcenter.lsu.edu)

10:00 First Year Experience as a Horticulture Agent: Working with McCracken Co. KY Master Gardeners, Kathryn Wimberly* McCracken County Cooperative Extension, 2705 Olivet Church Road, Paducah, KY 42001-9755 (kathryn.wimberley@uky.edu)

EDUCATION SECTION

Room: AmBank Room 105
Presiding: David Berle
Abstracts: To publish abstract in HortScience, submit on disk at meeting or email to Chair: (dberle@uga.edu)

3:00 What makes Retention Possible? Marihelen Glass, Department of Natural Resources and Environmental Design, North Carolina A&T State University, Greensboro, NC 27411 (glassm@ncat.edu)

3:15 Engaging Underserved Undergraduate Student Populations through Experiential Learning for Careers in the Horticultural Sciences. S.D. Nelson1 and M. Setamou2. 1Texas A&M University-Kingsville, MSC 228, Kingsville, TX 78363; 2Texas A&M University-Kingsville Citrus Center, 315 N. International Blvd., Weslaco, TX 78596 (kfsdn00@tamuk.edu)

3:30 Cultivating global leaders in agriculture: A successful attempt to create international learning experiences for students in agriculture. Leonardo Lombardini1* and Gary J. Wingenbach2. 1Department of Horticultural Sciences, Texas A&M University, College Station, TX 77843. 2Department of Agricultural Leadership, Education, and Communications, Texas A&M University, College Station, TX 77843. (l-lombardini@tamu.edu)

3:45 Horticulture education abroad: a study in contrasts. Mengmeng Gu1*, James R. Robbins2, and Curt Rom3. 1BOX 9555, Department of Plant and Sciences, Mississippi State University, MS State, MS 39762. 2BOX 391, University of Arkansas-CES, Little Rock, AR 72703. 316 Plant Science, Department of Horticulture, University of Arkansas, Fayetteville, AR 72701. (mgu@pss.msstate.edu)

4:00 International field experience: an effective approach to enhancing organic agriculture curriculum. Xin Zhao1*, Cariene A. Chase1, Marilyn E. Swisher2, Teresa Briz3, and Maria Asunción Molina4. 1Horticultural Sciences Department, 2Department of Family, Youth and Community Sciences, University of Florida, Gainesville, FL 32611. 3Agricultural Economics Department, 4Department of Chemistry and Agricultural Analysis, Polytechnic University of Madrid, Madrid 28040, Spain. (xz1n@ufl.edu)

HORTICULTURAL SCIENCE

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 VEGETABLE CROPS SECTION

Room: AmBank Room 107
Presiding: Richard Hassell
Abstracts: To publish abstract in HortScience, see instructions at end of program. Submit on disk at meeting or email to Chair: (rhassel@clemson.edu)

Solanaceous Crops

1:00 Spray Application of Abscisic Acid Phytohormone Can Improve Drought Tolerance and Potentially Provide Short-Term Growth Inhibition in Tomato (Solanum lycopersicum L.) Transplants. Craig A. Campbell and J. A. Bergh. Valent BioSciences Corp., Occee, FL, 34761-3720. (craig.campbell@valentbiosciences.com)
1:15 Evaluation of New Experimental Tomato Hybrids from the Texas A&M Vegetable Improvement Center, Kevin Crosby, Associate Professor, Texas A&M University Vegetable and Fruit Improvement Center, 1500 Research Parkway Ste 120, College Station, TX 77845. (kcrosby@ag.tamu.edu)

1:30 Effects of the Soil Surfactant IrrigAid Gold® on Nutrition and Water Management for Tomato Production in Florida Spodosols Bielinski M. Santos*, Gulf Coast Research and Education Center, IFAS, University of Florida, 14625 CR 672, Wimauma, FL 33598. (bmsantos@ufl.edu).

1:45 Rootstock Effect on Root-knot Nematode Resistance in Tomato Xin Zhao*,†, Christine E. Johns†, and Robert McSorley†, †Horticultural Sciences Department, †Entomology and Nematology Department, University of Florida, Gainesville, FL 32611. (xin@ufl.edu)

2:00 Effect of Deficit Irrigation and Pruning on Grafted Tomato Plants, Theodore McAvoy† and Joshua H. Freeman*, †Department of Horticulture, Virginia Tech – Eastern Shore AREC, 33446 Research Drive, Painter, VA 23420 (joshfree@vt.edu)

2:15 Performance of Grafted Heirloom Tomatoes on Beaufort, Celebrity, and Maxifort Rootstocks Joseph G. Masabni, Astrid Volder, Patrick T. Lillard, and Stephen R. King, 225 Horticulture/Forest Science Building, Department of Horticultural Sciences, Texas A&M University, College Station, TX 77843-2134. (jmasabni@ag.tamu.edu)

POSTERS

Room: AmBank Level 1 Foyer
Presiding: Jay Spiers
Abstracts: To publish abstract in HortScience, see instructions at end of program. Submit on disk at meeting or email to Chair: (jds0017@auburn.edu)
Set-Up: Sunday, 8:00 am – 12:00 pm
Poster Viewing Sunday noon to Monday 11:00 am
Authors at Poster:
Sunday, 1:00 - 2:30 pm even numbered posters
Sunday, 2:30 - 4:00 pm odd numbered posters
Students in Competition at Poster:
Sunday, 1:00 - 2:30 pm even numbered posters
Sunday, 2:30 - 4:00 pm odd numbered posters
Take-down: Monday, after Business Meeting

Student Poster Competition
"G" or “U” following the poster number indicates graduate and undergraduate poster, respectively, for the National Cowpea Poster Competition. Undergraduate and Graduate students in the poster competition must be by their poster at the appointed time listed above.

Education

1U) Science-Based Experiential Learning in the Greenhouse for Special Needs Students: Linking Secondary and Higher Education Institutions. D.C. Messick*, T. Coffey², and N.C. Phillips¹, ¹School of Agribusiness and Agriscience, Middle Tennessee State University, Murfreesboro, TN 37132; ²Oakland High School, Murfreesboro, TN 37130. (dcm3r@mtmail.mtsu.edu)

Fioriculture, Ornamentals and Turf

2U) Influence of Spacing on Production for Two Sorrel (Hibiscus sabdariffa) Varieties, Khalid Matthew*, Charkym Philemon and Thomas W. Zimmerman, University of the Virgin Islands Agricultural Experiment Station, RR#1 Box 10,000, Kingshill, VI 00850. (tzimmer@uvi.edu)

3U) Seed Source Location and Captan Influence Germination Behavior in Rhododendron calendulaeum, E.J. Limbird*, N.C. Phillips, and J.R. Jones, Middle Tennessee State University, Murfreesboro, TN 37132. (ejl2t@mtmail.mtsu.edu)

4G) Efficacy of Biofungicides for Control of Pythium Root Rot in Poinsettia (Euphorbia pulcherrima Wild. ex Klotzsch). Yan Zhao*, Maria Tomas-Peterson, and Mengmeng Gu, 32 Creelman Street, Department of Plant and soil science, Mississippi State University, Starkville, MS 39762, 32 Creelman Street, Department of Entomology and Plant Pathology, Mississippi State University, Starkville, Ms 39762. (yz218@msstate.edu)

5G) Assessing Variation in Vegetative and Floral Morphology of Four Native Gulf Coast Species for Use as Ornamental Groundcovers. Sean T. Carver*, Michael A. Arnold, David H. Byrne†, †Agriscience Department of Horticultural Sciences, Texas A&M University, College Station, TX 77843-2133, †Department of Marine Biology, Texas A&M University, Galveston, TX 77551. (scarver@neo.tamu.edu)
6G) **Evening Primrose Yield Response to Harvest Aids**, Amber Bates*, Cynthia McKenney, and Steve Oswalt, Department of Plant and Soil Science, Texas Tech University, Lubbock, Texas, U.S.A. 79409-2122. (amber.n.bonds@ttu.edu)

7G) **The Effects of Irrigation Treatments on Stomatal Conductance in Olea europaea L.**, Kaylee Decker*, Cynthia McKenney, and Thayne Montague, Department of Plant and Soil Science, Texas Tech University, Lubbock, Texas, U.S.A. 79409-2122. (kaylee.whitehurst@ttu.edu)

8G) **Water Use of Three Viburnum Species Grown Under Three Shade Intensities**, Arjina Shrestha* and Janet C. Cole, Department of Horticulture and Landscape Architecture, Oklahoma State University, Stillwater, OK 74078-6027 (arjina.shrestha@okstate.edu)

9) **Effects of Organic Rooting Treatments on Spring and late Summer Cuttings of Vaccinium darrowii ‘Native Blue’ Blueberry.** C. Melea Martin, Michael A. Maurer*, and David Creech, Department of Agriculture, Stephen F. Austin State University, P.O. Box 13000, SFA Station, Nacogdoches, TX 75962. (melea_martin@hotmail.com)

10) **Comparison of Organic and Inorganic Fertilizers on the Growth and Development of Containerized Rosa hybrida ‘Radtko’ and Hibiscus rosa-sinensis ‘Evangeline’.** C. Melea Martin and Michael A. Maurer*. Department of Agriculture, Stephen F. Austin State University, P.O. Box 13000, SFA Station, Nacogdoches, TX 75962. (melea_martin@hotmail.com)

11) **Slippery When Wet: Monitoring Insect Populations in the Nursery,** Christopher Werle and Blair Sampson, United States Department of Agriculture-Agricultural Research Service, Thad Cochran Southern Horticultural Laboratory, 810 Hwy 26 West, Poplarville, MS 39470. (chris.werle@ars.usda.gov)

12) **Poinsettia Crop Production as a Multi-Course Teaching Tool,** W.A. Anderson and N.C. Phillips*, School of Agribusiness and Agriscience, Middle Tennessee State University, Murfreesboro, TN 37132. wanderso@mtsu.edu

**Fruit Crops**

13G) **Evaluating the Effects of Nitrogen Fertilization Rates on Growth and Gas Exchange in Young Pecan Seedlings**, Hayley Hannah*, Astrid Volder, and Leonardo Lombardini. Department of Horticultural Sciences, Texas A&M University, College Station, TX 77843-2133. (hhannah@tamu.edu)

14G) **Effects of Variable Irrigation Regimes on Containerized Olives**, Vikram Baliga*, Thayne Montague, and Cynthia Mckenney, Department of Plant and Soil Science, Texas Tech University, Lubbock, TX 79409-2122. (vikram.baliga@ttu.edu)

15U) **Impact of Plant Available Calcium to Reduce Asian Citrus Psyllid Survival in ‘Rio Red’ Grapefruit.** M. Esparza*, J. Raygoza*, M. Setamou*, and S.D. Nelson1, 1Texas A&M University-Kingsville, MSC 228, Kingsville, TX 78363; 2Texas A&M University-Kingsville Citrus Center, 315 N. International Blvd., Weslaco, TX 78596. (oceannandsun33@aol.com)

16) **Fruit Quality Characteristics of Selected Hybrid Bunch Grape Cultivars**, Elina D. Coneva1, Edgar Vinson1, and Jim Pitts1, 101 Funchess Hall, Department of Horticulture, Auburn University, AL, 36849, 2Chilton Research and Extension Center, 120 County Road 756, Clanton, AL, 35045. (edc0001@auburn.edu)

17) **Antioxidant Properties of Selected Rabbiteye Blueberry as Affected by Cultivar and Environment,** F. M. Woods1, 1, E. Coneva1, K. Shetty2, D. Sarkar2, A. Gebrekidan3, A. Caylor4, D.M. Sullen5, and B.D. Blasius1, 101 Funchess Hall, Department of Horticulture, Auburn University, AL 36849, 2100 Holdsworth Way, Department of Food Science, University of Massachusetts, Amherst, Massachusetts, 3221 Parker Hall, Mathematics and Statistics, Auburn University, AL 36849, 4Alabama Agriculture Experiment Station, 765 County Rd. 1466, Cullman, AL 35055. (woodsfm@auburn.edu).

18) **Yield and Fruit Quality Characteristics of Selected Muscadine Grape Cultivars**, Elina D. Coneva1, Edgar Vinson1, and Jason Burkett2, 101 Funchess Hall, Department of Horticulture, Auburn University, AL, 36849, 2E. V. Smith Research Center, 4725 County Road 40, Shorter, AL, 36075. (edc0001@auburn.edu)
19) **The Efficacy of Flower Bud Removal Techniques for Enhanced Growth of Young Blueberry Cultivars**, Jay D. Spiers, Elina Coneva, Robert Boozer, Bryan Wilkins, and Jessica Bowerman, 1Department of Horticulture, Auburn University, AL 36849, 2Chilton Research and Extension Center, Clanton, AL, 35045. (jds0017@auburn.edu)

20) **Evaluation of Rootstocks for ‘Owari’ Satsuma Production in South Alabama**, D. Alan Burnie, Jay D. Spiers, Monte Nesbitt, Floyd Woods, and Bryan Wilkins, 1USDA-ARS Thad Cochran Southern Horticultural Laboratory, 810 Hwy 26 West, Poplarville, MS 39470, 2Gulf Coast Research and Extension Center, Fairhope, AL 36532, 3Department of Horticulture, Auburn University, AL 36849, 4Department of Horticultural Sciences, Texas A&M University, College Station, TX 77843. (burnida@auburn.edu)

21) **Postharvest Storage Life of ‘Golden Dragon’ Kiwifruit (Actinidia chinensis)**, Jason Stroman, Jay D. Spiers, William Dozier, Floyd Woods, Elina Coneva, and Bryan Wilkins, 1Department of Horticulture, Auburn University, AL 36849 (jds0017@auburn.edu)

22) **Vegetation-free Area Surrounding Pecan Trees Affects Production**, Michael W. Smith, 1Department of Horticulture and Landscape Architecture, Oklahoma State University, Stillwater, OK 74078. (mike.smith@okstate.edu)

23) **Phosphorus and Potassium Shortage Affects Pecan Production and Fruit Quality**, Michael W. Smith, 1Department of Horticulture and Landscape Architecture, Oklahoma State University, Stillwater, OK 74078. (mike.smith@okstate.edu)

24) **Growing Blueberry Knowledge via Social Networks**, A. Denise Attaway, Natalie A. Hummel, and Krisanna Machtmes, 1404 Life Sciences Bldg., Department of Entomology, LSU AgCenter, Baton Rouge, LA 70803, 223 Knapp Hall, Organization Development and Evaluation, LSU AgCenter, Baton Rouge, LA 70803. (dattaway@agcenter.lsu.edu)

25) **Performance of Persimmon (Diospyros kaki) Cultivars in Southern Mississippi**, Donna A. Marshall, James M. Spiers and Ned Edwards, USDA/ARS Thad Cochran Southern Horticultural Laboratory, Poplarville, MS 39470 (donna.marshall@ars.usda.gov)

26) **‘Victoria Red’ Table Grape, A New Option for Southern Grape Producers**, James N. Moore, John R. Clark, James Kamas, Larry Stein, Friend Tarkington, and Martha Tarkington, 1316 Plant Science, Department of Horticulture, University of Arkansas, Fayetteville, AR 72701, 2Texas AgriLife Extension, Fredericksburg, TX 78624, 3Texas A&M Research and Extension Center, Uvalde, TX 78802, 4Tarkington Vineyard, 1715 Refugio Highway, Victoria, TX 77905. (JRClark@uark.edu)

27) **Broad Mites, a Potential Pest in Blackberry Crops of the Southern United States**, Sandra Sleezer, Chris Vincent, John. R. Clark, and Donn T. Johnson, 1316 Plant Science, Department of Horticulture, University of Arkansas, Fayetteville, AR 72701, 2319 Agriculture Building. (ssleezer@uark.edu)

28) **Addressing Plant and Yield Decline of Northern Highbush Blueberry Plantings in Arkansas**, M. Elena Garcia and Chris I. Vincent, Dept. of Horticulture, University of Arkansas, Fayetteville, AR 72701. (megarcia@uark.edu)

29) **Using the Plant Growth Regulator, Gibberellic Acid and also Coconut Oil to Improve Yield and Berry Quality for Zygomorphic Blueberries**, Blair Sampson, Donna Marshall, Steve Stringer, Hamidou Sakhanohko, Christopher Werle and James Spiers, USDA-ARS, Thad Cochran Southern Horticultural Laboratory, 810 Hwy 26 West, Poplarville, MS 39470. (blair.sampson@ars.usda.gov)

30) **Evaluation of Compost Management in Citrus for Improved Crop Sustainability**, S.D. Nelson, M. Young, M. Setamou, X. Peries, and J. Enciso. 1Texas A&M University-Kingsville, MSC 228, Kingsville, TX 78363; 2Texas Agrilife Extension Center, 10345 State Hwy 44, Corpus Christi, TX 78406-1412; 3Texas A&M University-Kingsville Citrus Center, 312 N. International Blvd., Weslaco, TX 78596; 4Texas Agrilife Research and Extension Center, 2401 E. Hwy 83, Weslaco, TX 78595-8398. (Shad.Nelson@tamuk.edu)
**Horticultural Science**

**Vegetable Crops**

31G) Grafting Heirloom Tomatoes for Improved Crop Vigor, Yield, and Fruit Quality, Charles Barrett¹, Xin Zhao¹, Robert McSorley², and Charles A. Sims³. ¹Horticultural Sciences Department, 1301 Fifield Hall, ²Entomology and Nematology Department, Bldg. 970 Natural Area Drive, ³Food Science and Human Nutrition, 359 FSHN Building, University of Florida, Gainesville, FL 32611. (soulpole@ufl.edu)

32) Field-Level Water Productivity of Deficit-Irrigated Watermelons, John L. Jifon¹*, Daniel Leskovar, Juan Enciso; ¹Texas AgriLife Research and Extension Center, Weslaco, TX 78596. (jljifon@ag.tamu.edu).

33) Variation in L-Citruline, Lycopene and Soluble Sugars in Fruits of Watermelon (Citrullus lanatus) Genotypes, John L. Jifon¹*, Gene Lester, Wayne Fish, Juan Anciso; ¹Texas AgriLife Research and Extension Center, Weslaco, TX 78596. (jljifon@ag.tamu.edu).

34) Impact of Transplant Method on Watermelon Yield and Quality, Donald J. Makus, USDA-ARS, Subtropical Agricultural Research Center, Weslaco, TX 78596. (donald.makus@ars.usda.gov)

35) Onion Transplant Production System for Oklahoma, James Shrefler¹*, Merritt Taylor¹, Warren Roberts¹ and Charles Webber III², ¹Wes Watkins Agricultural Research and Extension Center, Oklahoma State University, P O Box 128, Lane, OK 74555, ²Wes Watkins Agricultural Research Laboratory, United States Department of Agriculture, Agricultural Research Service, P O Box 159, Lane, OK 74555. (jim.shrefler@okstate.edu)

36) High Tunnel Design: Moving a Semi-Permanent Structure, Christine E.H. Coker*, S.A. Langlois, R.M. Ely, and T.E. Freeman, Coastal Research and Extension Center, Mississippi State University, Biloxi, MS 39532. (ccoker@ra.msstate.edu)

37) Establishing a Maturity Index for Lotus (Nelumbo spp.), R. Shevade¹*, F.M.Woods¹, K.M. Tilt¹, and X. Wang¹. ¹101 Funchess Hall, Department of Horticulture, Auburn University, AL 36849. (woodsfm@auburn.edu)

38) Pre-harvest Antioxidant Content as a Determinant for Lotus (Nelumbo spp.) Maturity, X. Wang¹*, F.M.Woods¹, K.M. Tilt¹, and R. Shevade¹. ¹101 Funchess Hall, Department of Horticulture, Auburn University, AL 36849. (woodsfm@auburn.edu)

**Monday, February 7, 2011**

**Posters**

Room: AmBank Level 1 Foyer
Presiding: Jay Spiers
Abstracts: To publish abstract in HortScience, submit on disk at meeting or email to Chair: (jds0017@auburn.edu)
Poster Viewing Monday 8:00-11:00 am
Take-down: Monday, after Business Meeting

**Annual Business Meeting and Awards Program**

Room: AmBank Bayview C
Time: 11:00 – 12:30
Presiding: Mike Arnold, President

**Vegetable Crops Section**

Room: AmBank 106
Presiding: Richard Hassell
Abstracts: To publish abstract in HortScience, submit on disk at meeting or email to Chair: (rhassel@clemson.edu)

Morning Session

8:00 Quantifying Ascorbic Acid, Capsaicin, and Flavonoid Levels in Various Peppers (Capsicum spp.) Grown in Different Texas Locations, Justin Butcher¹, Kevin Crosby¹, Daniel Leskovar², John Jifon³, Kil Sun Yoo¹, and Bhimanagouda Patil¹. ¹Vegetable and Fruit Improvement Center, Dept. of Horticultural Sciences, Texas A&M University, College Station, TX 77845, USA. ²Texas Agri-Life Experiment Station, Texas A&M University, 1619 Garner Field Rd., Uvalde, TX 78801, USA. ³Texas Agri-Life Experiment Station, Texas A&M University, 2415 E. Highway 83, Weslaco, TX 78596, USA. (justin13@tamu.edu)
8:15 Weed Control in Watermelons using Reflex. Juan Anciso, Ph.D., Associate Professor and Extension Vegetable Specialist, Department of Horticulture, 2401 East Highway 83, Weslaco, TX 78596, Texas AgriLife Extension Service. (j-anciso@tamu.edu)

8:30 Using Summer Cover Crops for Fall Vegetable Production. Carl Motsenbocker1, William Evans2, Robert Williams3, and Andrea Morales1,3, 1School of Plant, Environmental, and Soil Sciences, Louisiana State University AgCenter, 137 Julian Miller Hall, Baton Rouge, LA 70803, 2Truck Crops Branch Experiment Station, MAFES, Mississippi State, MS 39059, 1,3EARTH University, Guácimo, Limón, Costa Rica. (cmotsenbocker@agcenter.isu.edu)

8:45 Vegetable Yields in Mississippi High Tunnels: First Year Results W.B. Evans*, V. Cerven, G. Bi, M. Gu3, K. Hood3, and R. Little3. Mississippi Agriculture and Forestry Station, Truck Crops Branch Experimental Station, 2024 Experiment Station Rd., P.O. Box 231, Crystal Springs, MS 39059-0231, 2Department Plant and Soil Sciences, 117 Dorman Hall, Mississippi State, MS 39762, 3Department of Agricultural Economics, 300 Lloyd Ricks, Mississippi State, MS 39762. (wbe1@ra.msstate.edu)

9:00 Break

9:15 Early Season Production of Summer Squash (Cucurbita pepo) in High Tunnels V. Cerven1, G. Bi1, M. Gu3, K. Hood3, R. Little3, and W.B. Evans1, 1204 Experiment Station Road, Truck Crops Branch Experiment Station, Mississippi State, MS 39059, 2Department Plant and Soil Sciences, 117 Dorman Hall, Mississippi State, MS 39762, 3Department of Agricultural Economics, 300 Lloyd Ricks, Mississippi State, MS 39762. (vc116@msstate.edu)

9:30 Weed Control Options for Organically-Grown Vine Crops James Shrefler1, Merritt Taylor1, Warren Roberts1, and Charles Webber II1, 1Wes Watkins Agricultural Research and Extension Center, Oklahoma State University, P O Box 128, Lane, OK 74555, 2Wes Watkins Agricultural Research Laboratory, United States Department of Agriculture, Agricultural Research Service, P O Box 159, Lane, OK 74555. (jim.shrefler@okstate.edu)

9:45 Nitrogen Management for Snap Beans on Sandy Loam Soils in the Mid-Atlantic Mark S. Reiter* and Joshua H. Freeman2. 133446 Research Drive, Department of Crop and Soil Environmental Sciences, Virginia Tech, Painter, VA 23420, 233446 Research Drive, Horticulture Department, Virginia Tech, Painter, VA 23420. (mreiter@vt.edu)

10:00 Tunnel Vision: A View of Tunnel Production in China Curt Rom1, Mengmeng Gu2, James Robbins3. 1Dept of Horticulture, Univ. of Ark., 316 Plant Science, Fayetteville, AR 72701, 2PSS Miss. State Univ., Box 9555, Mississippi State, MS 39762, 3Univ. of Ark. CES, 2301 S. Univ. Ave., Little Rock AR 72204. (crom@uark.edu)

10:15 The Protected Agriculture Information Network for Central America and the Caribbean (PAINet): Cultural Practices for Indeterminate Bell Pepper Production in Dominican Republic, Honduras, Nicaragua, Costa Rica, and El Salvador Emmanuel A. Torres-Quezada1, Teresa P. Salame-Donoso1, Bielinski M. Santos1, Henner A. Obregon-Olivas2, Jessie E. Inestroza3, Maria G. Cuevas4, Marco V. Saenz5, and Mauricio Martinez6. 1Gulf Coast Research and Education Center, IFAS, University of Florida, 14625 CR 672, Wimauma, FL 33598, 2Agropecuaria San Antonio, Tectolote, Nicaragua; 3Corporación Dinant, Comayagua, Honduras; 4Instituto Dominicano de Investigaciones Agropecuarias y Forestales, Santo Domingo, Dominican Republic; 5Laboratorio de Tecnología Poscosecha, Universidad de Costa Rica, San Jose, Costa Rica; 6Hidroexpo, San Salvador, El Salvador (bmsantos@ufl.edu).

11:00 – 12:30 Business meeting and awards program

Afternoon Session

1:00 Validation of Multiple Soilless Culture Practices under Protective Structures for Vegetable and Small Fruit Production in Florida Teresa P. Salame-Donoso* and Bielinski M. Santos. Gulf Coast Research and Education Center, IFAS, University of Florida, 14625 CR 672, Wimauma, FL 33598. (bmsantos@ufl.edu).
1:15 Exogenous ABA Application Impacts Seedling Height and Survival in Bell Pepper
Chris Gunter, Assistant Professor, Vegetable Production, 230 Kilgore Hall, Box 7609, North Carolina State University, Raleigh, NC 27695-7609 (chris_gunter@ncsu.edu)

1:30 Yield Performance, Quality and Antioxidant Content of Sweet Potato in Response to Photoselective Mulch and Row Covers
D. M. Sullen1,*, F.M. Woods1, A. Gebrekidan2, J. R. Kessler1, J. E. Brown1, B.D. Blasius1, and, J.E. Burkett3, 1101 Funchess Hall, Department of Horticulture, Auburn University, AL 36849, 2221 Parker Hall, Mathematics and Statistics, Auburn, University, 36849. 3Alabama Agriculture Experiment, Station,4725 County Rd. 40, Shorter, AL 36075. (woodsfm@acesag.auburn.edu)

1:45 Soil Nitrogen, Leaf Nitrogen, and Fruit Yield in Bell Pepper (Capsicum annum L.) as Affected by Fertilization with Slow Release Nitrogen Fertilizer
Juan Carlos Diaz-Perez and Jesus Bautista, Department of Horticulture, University of Georgia, Tifton, GA 31793-0748. (jcdiaz@uga.edu)

2:00 What is Earth-Kind Vegetable Production?
Joseph G. Masabni*, and Patrick T. Lillard, 225 Horticulture/Forest Science Building, Department of Horticultural Sciences, Texas A&M University, College Station, TX 77843-2134. (jmasabni@ag.tamu.edu)

2:15 Effects of Melon Grafting on Scion Compatibility, Yield, and Fruit Quality
Richard L. Hassell, Clemson University CREC, 2700 Savannah Highway, Charleston, SC. 29414 (rhassell@clemson.edu)

2:30 Evaluating the Sole Reliance on Biorational Pesticides for Pest Management on Specialty Vegetables.
Henry O-Sintim1,*, Louis E. N. Jackai1 and Beatrice N. Dingha2, 1Department of Natural Resource & Environmental Design North Carolina A & T State University, Greensboro, NC 27411; 2Department of Family & Consumer Sciences, North Carolina A & T State University, Greensboro, NC
9:30 Susceptibility of Prunus Rootstock Cultivars to Peach Tree Short Life in South Carolina. Gregory L. Reighard, Department of Environmental Horticulture, Clemson University, Clemson, SC 29634. (grghrd@clemson.edu)

9:45 ‘White Diamond’ Peach. John. R. Clark and James N. Moore, Department of Horticulture, University of Arkansas, Fayetteville, AR, 72701. (jrc@uark.edu)

10:00 Blackberry Performance in a Sheltered Environment. Robert T. Boozer and James A. Pitts, Auburn University, Chilton Research and Extension Center, 120 County Road 756, Clanton, AL 35045 (boozer@auburn.edu)

10:15 Pruning to change time of bloom and cropping of fall-fruited primocane blackberries. Rom, C.R., H. Friedrich, and J. McAfee. Department of Horticulture, PTSC 316, University of Arkansas, Fayetteville, AR 72701 (crom@uark.edu)

11:00 – 12:30 Business meeting and awards program

Afternoon Session

1:00 Anthocyanins, Phenolics, and Antioxidant Capacity of Vaccinium L. in Texas, USA. Lijing Zhou, David Creech, Wei Yuan, Guangrui Deng, Ping Wang, and Shiyou Li. SFA Gardens, Arthur Temple College of Forestry and Agriculture, Stephen F. Austin State University, Nacogdoches, TX 75962, National Center for Pharmaceutical Crops, Arthur Temple College of Forestry and Agriculture, Stephen F. Austin State University, Nacogdoches, TX 75962. (zhoul@titan.sfasu.edu)

1:15 Vegetative Growth Differences in Pierce’s Disease Tolerant Hybrid Grapes During the Years of Vineyard Establishment. Elina D. Coneva, Edgar Vinson, and Joyce Ducar. 101 Funchess Hall, Department of Horticulture, Auburn University, AL, 36849, 13112 Alabama 68, Sand Mountain Research and Extension Center, Crossville, AL, 35962. (edc0001@auburn.edu)

1:30 Influence of rootstocks on physiology of Cabernet Sauvignon grapevines grown on the Texas High Plains. Thayne Montague, Ed Hellman, and Keith Jenkins, Texas AgriLife Research and Extension Center, Lubbock, Texas, U.S.A. 79403-6603, Department of Plant and Soil Science, Texas Tech University, Lubbock, Texas, U.S.A. 79409-2122 (thayne.montague@ttu.edu)

1:45 An overview of the eXtension “All about Blueberries” website. Natalie A. Hummel, A. Denise Attaway, Elina D. Coneva, William O. Cline, Donna Marshall, Don M. Ferrin, Krisanna L. Machtmes, and Heli J. Roy. LSU AgCenter, Dept. of Entomology, 404 Life Sciences Bldg., Baton Rouge, LA 70803, Auburn University, Dept. of Horticulture, 101 Funchess Hall, Auburn, AL 36849, Mississippi State University-Coastal Research and Extension Center, P.O. Box 193, Poplarville, MS 39470, North Carolina State University, Hort Crops Res Stn, 3800 Castle Hayne Rd., Castle Hayne, NC 28429, USDA-ARS, Southern Horticultural Laboratory, P.O. Box 287, Poplarville, MS 39470, LSU AgCenter Dept of Plant Path. & Crop Phys., 432 Life Sciences Bldg, Baton Rouge, LA 70803, LSU AgCenter, School of Human Resources Education and Workforce Development, 142 Old Forestry Bldg., Baton Rouge, LA 70803, LSU AgCenter, Nutrition and Health, 275 Knapp Hall, Baton Rouge, LA 70803. (NHummel@agcenter.lsu.edu)
**HORTICULTURAL SCIENCE**

8:15 The Ability of Low Dose Mefluidide and Flurprimidol to Control Sale-Year Growth of Acer ‘Autumn Blaze’. Matthew Chappell. Department of Horticulture, University of Georgia, 211 Hoke Smith Building, Athens, GA 30602. (hortprod@uga.edu)

8:30 Plant Age and Cultivar Affect Western Flower Thrips Damage on Impatiens. Yan Chen1*, Richard N. Story2, Roger Hinson3 and Allen D. Owings1, 1LSU AgCenter Hammond Research Station, 21549 Old Covington Highway, Hammond, LA 70403; 2LSU AgCenter Department of Entomology, 404 Life Sciences Bldg., LSU, Baton Rouge, LA 70803 and 3Department of Agricultural Economics and Agribusiness, 221 Ag. Admin. Bldg., LSU, Baton Rouge, LA 70803 (yachen@agcenter.lsu.edu)

8:45 Partial Rootzone Stresses and Flower Yield and Quality in Roses. Raul I. Cabrera*, Texas A&M AgriLife Research and Extension Center, 17360 Coit Road, Dallas, TX 75252 (rcabrera@tamu.edu)

9:00 Break

9:15 Salt Tolerance of Selected Bedding Plants. Genhua Niu* and Denise Rodriguez, Texas AgriLife Research and Extension at El Paso, 1380 A&M Circle, El Paso, TX 79927 (gniu@ag.tamu.edu)

9:30 Salt Tolerance of Five Wildflowers. Genhua Niu1*, Denise Rodriguez2, and Cynthia McKenney2, 1Texas AgriLife Research and Extension at El Paso, 1380 A&M Circle, El Paso, TX 79927; 2Department of Plant and Soil Science, Texas Tech University, Lubbock, TX 79409 (gniu@ag.tamu.edu)

9:45 Influence of Induced Polyploidy on Fertility and Morphology of Rudbeckia Species and Hybrids. Kelly Oates, Thomas G. Ranney, Darren H. Touchell, Department of Horticulture Science, North Carolina State University, Mills River, NC 28759 (kmoates@ncsu.edu)

10:00 Lotus (Nelumbo nucifera) Leaf Plasticity in Response to Metalachlor Concentration. W. Orozco-Obando1*, F.M.Woods1, K.M. Tilt1, J.R. Kessler1, F.K. Dane1, W. Foshee1, J. Sibley1, J. Chappell2, D. Cline3, and J. Pickens1, 1101 Funchess Hall, Department of Horticulture, Auburn University, AL 36849, 2125 Swingle Hall, Fisheries & Allied Aquaculture, Auburn University, AL 36849 (woodsfm@auburn.edu).
HORTICULTURAL SCIENCE

8:45 Citrus line content in diverse watermelon varieties. Angela Davis1, Todd Wehner2, Amnon Levi3, Steve King4. 1USDA, ARS 911 East highway 3, Lane, Ok 74555-0159; 2Department of Horticultural Science, 222 Kilgore Hall, Box 7609, North Carolina State University, Raleigh, NC 27695-7609; 3USDA, ARS, U.S. Vegetable Laboratory, 2700 Savannah Highway, Charleston, SC 29414 and 4Department of Horticultural Sciences, Vegetable & Fruit Improvement Center, Texas A&M University, College Station, TX 77843-2133 (angela.davis@lane-ag.org)

9:00 Potential of cucurbit rootstocks for managing root-knot nematodes in watermelon and melon. Judy A. Thies1*, Jennifer Ariss1, Richard Hassell2, Chandrasekar S. Kousik1 and Amnon Levi1. 1USDA, ARS, U.S. Vegetable Laboratory, 2700 Savannah Highway, Charleston, SC 29414 and 2Coastal Research and Education Center, 2700 Savannah Highway, Charleston, SC 29414 (judy.thies@ars.usda.gov)

9:15 Replacing the cytoplasm of watermelon cultivar with that of the desert watermelon Citrullus colocynthis. Amnon Levi1*, Judy Thies1, Richard Hassell2, Anthony Keinath2, Howard Harrison1 and Angela Davis3. 1USDA, ARS, U.S. Vegetable Laboratory, 2700 Savannah Highway, Charleston, SC 29414 and 2Coastal Research and Education Center, 2700 Savannah Highway, Charleston, SC 29414 and 3USDA, ARS 911 East highway 3, Lane, Ok 74555-0159 (amnon.levi@ars.usda.gov)

WORKING GROUPS

Certified Horticulturist Workshop
Presiding: Mike Neff, Chair
(mwneff@ashs.org)
Saturday: 8:00 am – 5:00 pm
Room: Bayfront Laguna Madre

Pecan Research and Extension Forum
Presiding: Monty Nesbitt, Chair
(mlnesbitt@ag.tamu.edu)
Saturday: 8:00 am – 5:00 pm
Room: Bayfront Copano

S. Blueberry/Small Fruit Workers
Presiding: Elena Garcia, Chair
(megarcoa@uark.edu)
Saturday: 8:00 am – 5:00 pm
Room: Bayfront Matagorda

Horticulture Administrators
Presiding: Doug Bailey, Chair
(dabailey@uga.edu)
Saturday: 1:00 am – 5:00 pm
Room: Bayfront Partnership Boardroom

Watermelon Research Group
Presiding: Richard Hassel, Chair
(rhassel@clemson.edu)
Sunday: 8:00 am – 12:00 pm
Room: AmBank room 107

Vigna Crop Germplasm Committee
Presiding: Richard Fery (rifery@saa.ars.usda.gov)
Sunday: 9:00 am – 12:00 pm
Room: AmBank room 106

National Cowpea Improvement Assoc.
Presiding: John Trachta, Chair
(john@ctsmithco.com)
Sunday: 1:00 am – 5:00 pm
Room: Oleander B

Associate of Collegiate Branch
Saturday
Room: Bayfront Nueces Ballroom A or TBA
10:00-12:00 ACB Club Share
12:00-5:00 Lunch and tours
5:00 ACB President attends SRASHS Executive Committee Meeting, Bayfront Partnership Boardroom
Evening Reception

Sunday
Room: AmBank Room 225A/B
8:00-12:00 ACB Judging Contest Set-Up
12:00-5:00 ACB Judging Contest

Monday
Room: AmBank Bayview C
9:00-10:30 ACB Business Meeting
11:00-12:30 Attend SRASHS Business Meeting and Awards Program
Sunday, February 6

8:00-3:30 Registration (Bayfront Preassembly Area)

8:15-8:25 Welcome – Boyd Padgett, SDAPS President (Bayfront Corpus Christi Ballroom A)

STUDENT PRESENTATIONS – Robert Kemerait, SDAPS Past-President, presiding (Bayfront Corpus Christi Ballroom A)

8:25-8:40 Validation of a pecan scab prediction model using repeated measures logistic regression analysis. A. F. Payne and D. L. Smith, Oklahoma State University.

8:40-8:55 Expression profiling and evolution of pathogenesis related genes in maize and teosinte in response to Ustilago maydis. S. A. Chavan and S. M. Smith, University of Georgia.

8:55-9:10 Effects of irrigation and inoculation with Macrophomina phaseolina on soybean canopy reflectance and stomatal conductance. M. D. Doubledee, J. Rupe, C. Rothrock, S. Bajwa, A. Steger, and R. Holland, University of Arkansas.


9:55-10:10 Break


10:25-10:40 Infestation of ovules by Acidovorax citrulli during pistil and pericarp invasion in developing watermelon fruit. B. Dutta and R. Wolcott, University of Georgia.


11:10-11:25 Sequencing and comparative genomic analyses of the rice pathogen Burkholderia glumae, strain 336gr-1. F. Francis, J. Kim and J. H. Ham, Louisiana State University Agricultural Center.


11:55-1:00 Lunch (on your own)

STUDENT PRESENTATIONS – Robert Kemerait, SDAPS Past-President, presiding (Bayfront Corpus Christi Ballroom A)

1:00-1:15 Response of Meloidogyne incognita to silicon. J. G. Miller and T. R. Faske, Tarleton State University.
1:15-1:30  Morphological characterization and fungicide sensitivity of Phytophthora species in Texas. **N. D. Rech** (1), R. D. French (2) and J. Heitholt (1), Texas A&M University (1) and Texas Agrilife Research (2).

1:30-1:45  A new selective medium for isolation of Rhizoctonia spp. from soil. **T. N. Spurlock**, C. S. Rothrock and W. S. Monfort, University of Arkansas.


**CONTRIBUTED PAPERS** – David B. Langston, SDPAS President-Elect, presiding (Bayfront Corpus Christi Ballroom A)


2:30-2:45  Break

2:45-3:00  Impact and management of root knot nematode on soybean in Arkansas. **W. S. Monfort**, T. L. Kirkpatrick, M. Emerson and J. D. Barnham, University of Arkansas.

3:00-3:15  Site specific management of nematodes in multiple soil types with Telone® II in Louisiana. **R. A. Haygood**, Dow AgroSciences.

3:15-3:30  Disease severity and yield potential of rice cultivars in organic production systems. **X.G. Zhou** (1) and A.M. McClung (2), Texas A&M Research and Extension Center (1) and USDA ARS (2).

3:30-3:45  Management of bacterial panicle blight of rice with beneficial Bacillus strains. **X.G. Zhou** (1), J.W. Kloepper (2), M.S. Reddy (2), and S. Zhang (3), Texas A&M Research and Extension Center (1), Auburn University (2), and University of Florida (3).

3:45-4:00  Relationship between frequency of fungicide resistance and efficacy in the management of Gummy stem blight of watermelon. **A. Thomas**, University of Georgia.

4:00-6:00  SAAS Opening and General Session (Bayfront Nueces Ballroom A)

6:00-10:00  SAAS Reception (Brewster Street Icehouse - offsite)

6:00-7:00  SDAPS Executive Committee Meeting (Bayfront Copano)

**Monday, February 7**

8:00-11:30  Registration (Bayfront Preassembly Area)

8:00-8:05  Announcements – Boyd Padgett, SDAPS President (Bayfront Corpus Christi Ballroom A)

**SYMPOSIUM: “The Fat and Skinny on Nematodes and Their Control”** – David B. Langston, SDAPS President-Elect, presiding (Bayfront Corpus Christi Ballroom A)

8:05-8:30  “The “Fat and Skinny on Nematodes Eating Plants””. **J. Eisenback**, Virginia Polytechnic Institute and State University.

8:30-8:55  New chemistry and Mi gene for root-knot nematode management in vegetables. **D. W. Dickson** and M. Mendes, University of Florida.

Precision agriculture strategies for managing southern root-knot nematodes in cotton fields. B. Ortiz (1) C. Perry (2), D. Sullivan (2), R.C. Kemerait (2), P. Lu (2), R.F. Davis (3), A. Ziehl (2), G. Vellidis (2), K. Rucker (2), Auburn University (1), University of Georgia (2), USDA-ARS, Tifton (3).


Documentation of an extended latent infection period with Phakopsora pachyrhizi in soybean. N. Ward and R. W. Schneider, Louisiana State University Agricultural Center.

Seed treatment using plasma technology in control of seedborne diseases. J. Cho (1), T.-C. Tsai (1), D. Staack (1), J. Roh, (2), D. Shin (2) and Y.-K Jo (1), Texas A&M University (1) and Rural Development Administration (2).

Histochemical analysis of wheat resistance to leaf blast mediated by silicon. W. L. Da Silva (1) and F. A. Rodrigues (2), Louisiana State University Agricultural Center (1) and Universidade Federal de Vicos (2).

Lunch (on your own)


Development of a rapid laboratory screening method for stem rot resistance in peanut. J. Augusto and T. Brenneman, University of Georgia.

Effects of storage environment on seed quality tests and field emergence of soybean seed. K. Cochran (1), J. Rupe (1) and J. Robinson (2), University of Arkansas (1) and Ohio State University (2).

Field validation and in vitro confirmation of temperature and relative humidity variables used to predict fungicide application for the control of dollar spot of creeping bentgrass. D. L. Smith (1), J. L. Lyles (1) C. Wilson (2) and J. P. Kerns (2), Oklahoma State University (1) and University of Wisconsin (2).

The duration of DMI exposure affects the expression of shCYP51 differently in sensitive and insensitive isolates of Sclerotinia homeocarpa. B. Ma and L. P. Treadway, North Carolina State University.

Break
Response of pepper (*Capsicum annuum*) genotypes to *Phytophthora capsici* and *Meloidogyne incognita*. J. A. Thies, J. J. Ariss and C. Kousik, U.S. Vegetable Laboratory.

**APS Update.** Dr. John Sherwood, APS President,

**SDAPS Business Meeting.** Boyd Padgett, SDAPS President, presiding (Bayfront Corpus Christi Ballroom A)

**SDAPS Social (cash bar), Banquet, and Southern Division deBary Bowl** (Bayfront Bayview)

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**RESEARCH CENTER ADMINISTRATORS SOCIETY 2011 WINTER MEETING AGENDA**

**Sunday, February 6, 2011**
Omni Marina Tower, Marina View

3:00 RCAS Executive Board Meeting

**Monday, February 7, 2011**
Omni Marina Tower, Marina View

Presiding: Ray Cartee, Director of Research Farms, Utah Agricultural Experiment Station, Utah State University

8:00 Welcome and Announcements
Jim Beaty, President RCAS, Purdue University

8:15 Welcome to Texas Agriculture

8:45 “Tennessee BioFuels Production – An Integrated Approach”
Walt Hitch, Director, Plateau Research & Education Center, University of Tennessee

9:15 “Working with Private Industry to Turn Food Waste into Methane”
Gerald Reid, Manager Farm Operations, Ohio Agricultural Research & Development Center-Wooster, The Ohio State University

9:45 “Utah’s On-Farm Mobile Oil Seed Press and Biodiesel Processor”
David Drake, Texas AgriLife Extension Service, Texas A&M University System

10:15 Break
Presiding: Lyle Lomas, Head, Southeast Agricultural Research Center, Kansas State University

10:30 “Managing Research Facility Budgets with Donations and Other Revenue Sources”
Chuck Reid, Director, Land Management Office, Michigan State University

11:00 “Can Creative Marketing Work for AgResearch and Education Centers?”
Barry Sims, Director, Highland Rim Research & Education Center, University of Tennessee
11:30 “Maintaining Quality Research with Reduced Funding”  
Merrit Taylor, Director, Wes Watkins  
Agricultural Research & Education Center-Lane, Oklahoma State University

12:00 Lunch  
Presiding: Randall Rawls, Superintendent,  
Upper Coastal Plain Substation, Auburn University

1:00 “Planning, Coordination and Implementation of the UT Milan No-Till Field Day”  
Blake Brown Director, Milan Research & Education Center, University of Tennessee

1:30 “Utilization of GPS Based Technology in Row Crop Research and Bulk Production at the Davis Purdue Ag Center”  
Jeff Boyer, Superintendent, Davis-Purdue Agricultural Center, Purdue University

2:00 “Role of Research Center Administrators in Global Engagement”  
Bob Dunker, Superintendent, Crop Sciences Research & Education Center, University of Illinois at Urbana-Champaign

2:30 “Research Program Development and Relationship with Project Leaders”  
Denny Thompson, Research Operations Manager, Mountain Horticultural Crops Research Station, North Carolina Department of Agriculture & Consumer Services

3:00 Break  
Presiding: Stan Jones, Superintendent,  
Southwest Research & Education Center, University of Georgia

3:15 “When Disaster Strikes, Who’s In Control?”  
Ken Scaife, Assistant to the Director, Field Operations, Ohio Agricultural Research & Development Center – Wooster, The Ohio State University

3:45 “The Agricultural Research Service Bioproducts Research Program”  
Paul Sebesta, Center Director, National Center for Agricultural Utilization Research, USDA-ARS

4:15 RCAS General Business Meeting

Tuesday, February 8  
Omni Marina Tower, Marina View

Presiding: Rob Ellis, Director, Director, Greenville Research & Education Center, University of Tennessee

8:00 “Keeping the Trailer Hooked to the Truck”  
Steve Hawkins, Assistant Director, Purdue Agricultural Center, Purdue University

8:30 “Tracking Employee Safety Training with a Centralized Program”  
Chuck Reid, Director, Land Management Office, Michigan State University

9:00 “Can My ‘Safety Blog’ Help You? Yes. Twice.”  
Jim Beaty, Superintendent, Agromomy Center for Research & Education, Purdue University

9:15 “Opportunities in International Development – an Afghanistan Experience”  
Rex Kirksey, Superintendent, Agricultural Science Centers at Tucumcari & Clovis, New Mexico State University

9:30 “Controlling Vertebrate Pests in Research Plots at Research Centers”  
Pete Schultz, Director, Hampton Roads Agricultural Research & Extension Center, Virginia Tech

10:30 Tour of Texas AgriLife Research and Extension Center at Corpus Christi and Flour Bluff Mariculture Laboratory
RURAL SOCIOLOGY

SOUTHERN RURAL SOCIOLOGICAL ASSOCIATION ANNUAL MEETING

“From Vulnerability to Resilience: Achieving Sustainable Communities through Social Science”

February 6 - February 8, 2011
Corpus Christi, Texas

Southern Rural Sociological Association Meeting
February 6-8, 2011

Marina Tower Omni Hotel
Corpus Christi, Texas

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RURAL SOCIOLOGY

SUNDAY, FEBRUARY 6

8:00 A.M. – 3:30 P.M.
REGISTRATION
Marina Ballrooms Lobby

8:15 A.M. – 9:30 A.M.
SRSA EXECUTIVE COUNCIL MEETING
Marina Riviera 4

9:45 A.M. – 10:45 A.M.
PANEL DISCUSSION
Marina Riviera 4

Gas Drilling and Water Resources

Organizer:
Gene Theodori, Sam Houston State University

Participants:
This is All New to Us: Rural Residents’ Views on Gas Drilling and Water Resources in an Emerging Energy Hotspot
Gene L. Theodori, Sam Houston State University
Abby J. Kinchy, Rensselaer Polytechnic Institute
Leanne M. Avery, State University of New York – Oneonta

PAPER SESSION
Marina Riviera 5

Rural Development in Developing Countries

Moderator:
Tom Gray, USDA Rural Development

Poverty and Agricultural Child Labor in the Niger Delta: Dilemma of Economic Growth and Development in Nigeria
Chioma Joseph-Obi, University of Port Harcourt, Nigeria

Large Scale Irrigation Projects and the Nigerian Small Farmers
Zacchaeus O Ogunnika, State University, Petersburg, Virginia

The Adoption of Orange Flesh Sweetpotatoes (OFS) by Ghanaian Small Farmers for Nutritional and Economic Well-Being
Robert. Zabawa, Tuskegee University
E. Bonsi, Tuskegee University
C. Bonsi, Tuskegee University
P. Doamekpor, Tuskegee University
E. Kebede, Tuskegee University
D. Mortley, Tuskegee University
RURAL SOCIOLOGY

Rural Development Through Collective Action in the Ecuadorian Highlands: A Case Study
Marta M. Hartmann, University of Florida

Chioma Joseph-Obi, University of Port Harcourt, Nigeria

11:00 A.M. – 12:30 P.M.
PAPER SESSION
Marina Riviera 4

Black Communities and the HIV/AIDS Epidemic

Moderator:
James Bukenya, Alabama A & M University

Perceived Causes of High HIV Infection Rates in Black Communities among Women Living with HIV/AIDS in the Deep South
Andrew A. Zekeri, Tuskegee University
Ruben Warren, Tuskegee University
Tsegay Habtemariam, Tuskegee University
Berhanu Tameru, Tuskegee University
David Nyanwa, Tuskegee University
Gemechu B. Gerbi, Tuskegee University
Vinaida Robnett, Tuskegee University

The influence of religious affiliation and frequency of attendance at religious services on HIV/AIDS risky behaviors among People Living with HIV/AIDS
Gemechu B. Gerbi, Tuskegee University
Tsegay Habtempam, Tuskegee University
Berhanu Tameru, Tuskegee University
David Nyanwa, Tuskegee University
Vinaida Robnett, Tuskegee University

Depressive Symptoms, Low-Income, and Participating in Food Stamp Program Are Associated with Food Insecurity among Women Living with HIV/AIDS in Rural Alabama
Andrew A. Zekeri Tuskegee University
Ruben Warren, Tuskegee University

PAPER SESSION
Marina Riviera 5

Sustainability and Economic Development Issues

Moderator:
Nii Tackie, Tuskegee University

RURAL SOCIOLOGY

Formative Experiments as a Tool for Sustainability Research
Brooklynn J. Wynveen, Corpus Christi, TX

Achieving Sustainable Communities through Social Science: Bioethical Considerations
Stephen Olufemi Sodeke, Tuskegee University

The Mississippi Blues: Exploring Psycho-Social Stress in the Delta and Gulf Coast Regions of Mississippi
John Green, Delta State University
Anna M. Kleiner, Southeastern Louisiana University
JoLynn P. Montgomery, University of Michigan
Dana Thomas, University of Michigan
Donald R. Vereen, University of Michigan

Leadership Conceptual Ambiguities: A Sociological Critique and Resolution
Billy Brocato, Sam Houston State University

The Miss-Lou – Using Regionalism and Resource Utilization to Create Sustainable Economies
Rachael Carter, Mississippi State University
Cynthia Pilcher, Louisiana State University

12:30 P.M. – 1:30 P.M.
Lunch (on your own)

1:30 P.M. – 3:00 P.M.
PAPER SESSION
Marina Riviera 4

Rural Development and Educational Issues

Moderator:
Gemechu B. Gerbi, Tuskegee University

Effective Strategies for Engaging Rural Volunteers
Jenna Fehr, Appalachian Coal Country Team (ACCT)

The Effects of Computer Ownership, Internet Accessibility and Broadband Access on Educational Assessments
Danny Jackel and D. Clayton Smith
Western Kentucky University

Returns to Education in the Appalachian States, 1990 – 2000
Edward B. Reeves, Professor of Sociology
Timothy Hare, Morehead State University
Steven Parkansky, Morehead State University
RURAL SOCIOLOGY

Collaboration: Investigating the Extent of Convergence Between Theory and Practice
Terrence Thomas North Carolina A&T State University
Cihat Gunden, North Carolina A&T State University
Benjamin Gray, North Carolina A&T State University
Paula Faulkner, North Carolina A&T State University

PAPER SESSION
Marina Riviera 5

Rural Land Food Issues

Moderator:
Ntam, Baharanyi, Tuskegee University

Social and Economic Impacts of Timberland Sales by Alabama’s Forest Products Industry
Dr. Conner Bailey, Auburn University
Dr. Larry Teeter, Auburn University

Perplexity of Connection between People and Land in Greene County, Alabama
Buddhi Raj Gyawali, Alabama A&M University
Swagata “Ban” Banerjee, Alabama A&M University
James Bukencya Alabama A&M University

Exploring Income Growth in Southeastern United States
Anquinette Hill, Alabama A&M University
Buddhi Gyawali, Alabama A&M University
Swagata ‘Ban’ Banerjee, Alabama A&M University
James Bukencya Alabama A&M University

Food Environment: Availability and Affordability of Fruits and Vegetables in Guilford County, North Carolina
Ismail Mintah, School: North Carolina Agricultural and Technical State University

Southern Rural Sociology Editorial Board
Marina Riviera 4

MONDAY, FEBRUARY 7

7:45 A.M. – 3:00 P.M.
REGISTRATION
Marina Ballrooms Lobby

8:00 A.M. – 9:15 A.M.
PAPER SESSION
Marina Riviera 4

Community Development Issues in Rural Areas

Moderator:
Robert Zabawa, Tuskegee University

Exploring Local Knowledge and Community in Rural Science Education
Leanne M. Avery, Ph.D., State University of New York

Community Contributions by Immigrant Latin American Entrepreneurs in a “New Destination” State
Frank L. Farmer, University of Arkansas
Zola K Moon, University of Arkansas
Cristina Abreo, Wayne P. Miller, University of Arkansas
Stacey McCullough, University of Arkansas

Socioeconomic and Environmental Impacts of Irrigation Water Shortage
Babatunde A. Obembe, Swagata “Ban” Banerjee, Buddhi R. Gyawali, and James O. Bukencya
Alabama A & M University

The Impact of Socioeconomic Factors on Amount of Earned Income Tax Credit Received Among Low-Income Rural Residents
Nii O. Tackie, Alabama A&M University
Deborah Yeboah, Alabama A&M University
Ntam Baharanyi, Alabama A&M University
Robert Zabawa, Alabama A&M University
Mudiayi Ngandu, Alabama A&M University
Henry J. Findlay, Alabama A&M University
Eunice Bonsi, Alabama A&M University
Oluwagbemiga Ojumu, Tuskegee University

SAAS Opening Session
Bayfront Tower Ballroom

6:00 P.M. —Onward
SAAS Annual Super Bowl Party/Reception
Brewster Street Icehouse
RURAL SOCIOLOGY

PAPER SESSION
Marina Riviera 5

Sustainable Agriculture and Small Farmers

Moderator:
Tom Gray, USDA, Rural Development

The Predictors of Organic Adoption by Agricultural Commodity: The Case of Texas
Jin Young Choi, Sam Houston State University
Douglas H. Constance, Sam Houston State University
Michael Lau, Sam Houston State University
Roger Hanagriff, Texas A&M University - Kingsville

Governance and Sustainable Agriculture: The Case of the Leonardo Academy Initiative
Douglas H. Constance, Sam Houston State University
Jason Konfrafal, Sam Houston State University
Maki Hatanaka, Sam Houston State University

Tennessee Small farmers ‘perception of the importance of bioenergy crops and their willingness to produce them
Fisseha Tegegne, Tennessee State University
Surendra Singh, Tennessee State University
Enefiok Ekanem, Tennessee State University

Achieving more Civility in the Agriculture Sector
George Floro, Sul Ross State University

9:15 A.M. – 9:30 A.M.
BREAK

Hallway by Marina Riviera 4 and 5

9:30 A.M. – 10:45 A.M.
PAPER SESSION
Marina Riviera 4

Disaster Experiences and Community Social Capital

Moderator:
Anna, Kleiner, Southeastern Louisiana University

Coping with Hurricane Katrina: Psychological Resilience among Africa American Families in Rural Alabama
Andrew A. Zekeri, Tuskegee University
Rueben C. Warren, Tuskegee University

RURAL SOCIOLOGY

The shake felt round the world: an examination of framing of social inequality in local media in the wake of the earthquake in Haiti
Colleen Wynn, Western Kentucky University

Involuntariness in Development-Induced Uproot Resettlement
Fayin Xu, University of Kentucky

The Influence of Community Capital toward a Community’s Capacity to Respond to Food Insecurity
Dr. Jessica Crowe, University of North Texas at Dallas

Cowboy Churches: A Blast from the Past or Gallop into the Future
Katy F. Williams, Texas A&M University

PAPER SESSION
Marina Riviera 5

The Global Commodity Chain Analysis

Moderator:
Douglas Constance, Sam Houston State University

11:15 A.M. – 12:45 P.M.
SRSA LUNCHEON AND PRESIDENTIAL ADDRESS
Bayfront Bayview

From Vulnerability to Resiliency: Achieving Sustainable Communities Through Social Science

SRSA President:
Anna M. Kleiner, Southeastern Louisiana University

1:00 P.M. – 2:30 P.M.
PAPER SESSION
Marina Riviera 4

Family Farm and Community Education

Moderator:
Andrew Zekeri, Tuskegee University

From Family Farm to Urban Table
Brislen, Lily, University of Kentucky
Alicia Fisher, University of Kentucky
Justin Mullikin, University of Kentucky
Keiko Tanaka, University of Kentucky
Going Out by Going In: Achieving Sustainability through Education in Rural Communities
Professor Kimora, John Jay College of Criminal Justice, NYC

The global regulation and changing - or not changing - economic prospects for local mango growers: A case of a fruit fly eradication program in the state of Sinaloa, Mexico
Kiyohiko Sakamoto, University of Kentucky

Kentucky’s Part in Developing the Animal Health Network: the CASHN Project
Marion Simon, Kentucky State University
Kenneth Andries, Kentucky State University
Louie Rivers, Jr., Kentucky State University

2:30 P.M. — 2:45 P.M.
Break
Hallway by Marina Riviera 4 and 5

2:45 P.M. — 4:00 P.M.
PANEL DISCUSSION
Marina Riviera 4

Organizing for Asset Building

Moderator:
Ntam Baharanyi, Tuskegee University;

A Preliminary Assessment of Organizing for Asset Building

Panelists:
Ntam Baharanyi, Tuskegee University;
Alice Paris, Tuskegee University;
Robert Zabawa, Tuskegee University;
Jerry Pennick, Federation of Southern Cooperatives;
Dreamal Worthen, Florida A&M University

PANEL DISCUSSION
Marina Riviera 5

Innovations in Community Development

Organizers:
Rachael Carter, Mississippi State University
Cheryl Hudec, Sam Houston State University
Gene L. Theodori, Sam Houston State University

Cowboy Churches: A Blast from the Past or Gallop into the Future
Katy F. Williams, Texas A&M University

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2010-2011 SAAS SECTION OFFICERS

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LIST OF MEETING ROOMS BY HOTEL

OMNI MARINA

<table>
<thead>
<tr>
<th>Lobby Level</th>
<th>Texas Riveria Ballroom</th>
<th>Riveria Rooms 1 - 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Padre Island Ballroom</td>
<td>Padre Island Rooms A - D</td>
<td></td>
</tr>
<tr>
<td>Ballrooms Lobby</td>
<td>Marina View</td>
<td></td>
</tr>
<tr>
<td>Monty’s Boardroom</td>
<td>Duval</td>
<td></td>
</tr>
<tr>
<td>Kleberg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

OMNI BAYFRONT

<table>
<thead>
<tr>
<th>3rd Floor</th>
<th>Corpus Christi Ballroom</th>
<th>Ballrooms A - C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room 225A</td>
<td>Room 226</td>
<td></td>
</tr>
<tr>
<td>Room 225E</td>
<td>Room 227</td>
<td></td>
</tr>
</tbody>
</table>

American Bank Center

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Bayview Foyer</th>
<th>Rooms 101 - 107</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 2</td>
<td>Bayview Ballroom</td>
<td>Bayview Rooms A - D</td>
</tr>
<tr>
<td></td>
<td>Watergarden</td>
<td>Watergarden A and B</td>
</tr>
<tr>
<td></td>
<td>225 Rooms</td>
<td>225A - 225E</td>
</tr>
<tr>
<td></td>
<td>Room 226</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Room 227</td>
<td></td>
</tr>
</tbody>
</table>
ALPHABETICAL LIST OF MEETING ROOMS

- Aransas (Omni Bayfront – 3rd floor)
- Ballrooms Lobby (Omni Marina – Lobby)
- Bayview (Omni Bayfront – 1st floor)
- Bayview A - D (AmBank – Level 2)
- Bayview Foyer (AmBank – Level 2)
- Copano (Omni Bayfront – 3rd floor)
- Corpus Christi Ballrooms A-C (Omni Bayfront – 3rd floor)
- Duval (Omni Marina – 3rd floor)
- Hotel Lobby (Omni Bayfront – Lobby)
- Kleberg (Omni Marina – 3rd floor)
- Laguna Madre (Omni Bayfront – 3rd floor)
- Marina View (Omni Marina – Lobby Level)
- Matagorda (Omni Bayfront – 3rd floor)
- Monty’s Boardroom (omni Marina – Lobby Level)
- Nueces Ballrooms A & B (Omni Bayfront – 3rd floor)
- Padre Island A – D (Omni Marina – Lobby Level)
- Partnerships Boardroom (Omni Bayfront – 3rd floor)
- Preassembly Area (Omni Bayfront – 3rd floor)
- Riveria 1 – 5 (Omni Marina – Lobby Level)
- Rooms 101 – 107 (AmBank – Level 1)
- Rooms 225A – 225E (AmBank – Level 2)
- Room 226 (AmBank – Level 2)
- Room 227 (AmBank – Level 2)
- Texas Riveria 1 – 5 (Omni Marina – Lobby Level)
- Watergarden A & B (Am Bank – Level 2)

MEETING ROOMS FLOOR DESIGNS

Omni Bayfront

Third Floor
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Conference participants are encouraged to write and thank their state Federation for the support of the SAAS Social and Reception.

Future Meeting Dates & Locations

2012 – Birmingham, Alabama (Feb 04-07)
2013 – Orlando, Florida (Feb 02-05)
2014 – Dallas, Texas (Feb 01-04)
2015 – Atlanta, Georgia (Jan 31-Feb 03)
2016 – Jacksonville, Florida (Feb 06-09)