

**Southern Agricultural Economics Association  
38<sup>th</sup> Annual Meetings Program  
February 5-8, 2006  
Orlando, Florida**

**SAEA OFFICERS:**

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<i>Editor</i> .....	<i>HENRY KINNUCAN</i>

**All meeting rooms are located in the Wyndham Orlando Resort, International Drive, Orlando, Florida**

<p><b>Saturday 6 p.m. - 7 p.m.</b> <i>Quiz Bowl</i> <b>Palms Ballroom, Salon I</b></p> <p><b>Sunday 8 a.m. - 5 p.m.</b> <i>Quiz Bowl</i> <b>Palms Ballroom, Salon I</b></p> <p><b>Sunday 9 a.m. - 2 p.m.</b> <i>SAEA Executive Board Meeting</i> <b>Executive Boardroom</b></p> <p><b>Sunday Noon - 5 p.m.</b> <i>Registration</i> <b>Palms Ballroom, Foyer</b></p> <p><b>Sunday 2 p.m. - 5 p.m.</b> <i>Department Heads' Meeting</i> <b>Tangerine A</b></p> <p><b>Sunday 2 p.m. - 5 p.m.</b> <i>SS-AAEA Meeting</i> <b>Hibiscus</b></p> <p><b>Sunday 4 p.m. - 6 p.m.</b> <i>SAAS General Session</i> <b>Citrus Ballrooms, Orange &amp; Lemon</b></p> <p><b>Sunday 6:30 p.m. - 8:30 p.m.</b> <i>SAAS Reception</i> <b>Poolside Pavilion and Pool Area</b></p> <p><b>Sunday 2 p.m. - Tuesday 5 p.m.</b> <i>Selected Posters</i> <b>Palms Ballroom, Salon E</b> Poster Presentations will be Tuesday 10:15 - 12:00 noon</p>	<p>Presenters:</p> <ol style="list-style-type: none"> <li>1. <b>Economic Impact of BSE on the United States Beef Industry</b> Sarah McMahon, Parr Rosson, Flynn Adcock, Texas A&amp;M University</li> <li>2. <b>US Cotton Producers—Past, Present, and Future, Evidence from the 1997 and 2002 Census of Agriculture</b> A. Blake Brown, North Carolina State University; George Frisvold, University of Arizona; Kenneth Paxton, LSU; Jeanne Reeves, Cotton Incorporated</li> <li>3. <b>Making Do without Methyl Bromide: The Financial Efficiency and Viability of Georgia's Bell Pepper Enterprises Under Alternative Fumigation-Herbicide Systems</b> Mark M. Byrd, Cesar L. Escalante, Esendugue G. Fonsah, Michael E. Wetzstein, University of Georgia</li> <li>4. <b>A Partial Budget Analysis of Wildlife Habitat Buffers in the Mississippi Black Belt</b> Philip J. Barbour, Mississippi State University; Steven W. Martin, Delta Research and Extension Center, Loren W. (Wes) Burger, Jr., Mississippi State University</li> <li>5. <b>Usage Characteristics for Rural Business Websites</b> Susan Watson, Gary Kennedy, Louisiana Tech University; John Nwoha, University of Arkansas; Kenneth Rea, Louisiana Tech University</li> <li>6. <b>Value of Factors that Drive Purchase of Flat Iron Steak</b> Erin Tucker, Susan Watson, Louisiana Tech University; Darren Hudson, Mississippi State University</li> </ol>
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7. **Certainty Equivalent Farm Returns from Bt and Non-Bt Cotton**  
Swagata "Ban" Banerjee, Steven W. Martin, Mississippi State University
8. **Water Management Strategies for Reducing Irrigation Demands in the Texas Panhandle**  
Dustin Gaskins, Stephen H. Amosson, Texas A&M University; Lal K. Almas, West Texas A&M University; DeDe Jones, Fran Bretz, Bridget Guerrero, Thomas Marek, Leon New, Texas A&M University
9. **Are Precision-Farming Technologies for Farms with Limited Resources? An Economic Decision Aid for Potential Precision Farming Technology Adopters**  
Vijay Subramaniam, David Debertin, Carl Dillon, University of Kentucky
10. **Panhandle Model Farms – Case Studies of Texas High Plains Agriculture**  
DeDe Jones, Dustin Gaskins, Texas A&M University
11. **Evaluating the Impact of Increased Fuel and Fertilizer Prices on 2006 Rice Base Planting Decisions**  
Michael E. Salassi, Brian L. Roule, LSU
12. **Quizbowl Benefits: Attitudes and Performance of Southern Region School Students at the SS-AAEA Quizbowl Competition**  
Jennie Popp, German Rodriguez, University of Arkansas
13. **Futures Hedging Strategies for Arkansas Cotton and Soybean Enterprises**  
Germán Rodríguez, Andrew McKenzie, Lucas Parsch, University of Arkansas
14. **Growing Goat Meat Industry in Selected Southern States: Profile, Issues, and Opportunities**  
Safdar Muhammad, Crystal A. Doss, Tennessee State University
15. **Value-added Marketing of Edible and Medicinal Mushroom**  
Kelli Ennis, Kenrett Y. Jefferson-Moore, North Carolina A&T State University
16. **Examining the Economic Trade-offs Between the Poultry and Water Recreation Industries: A Case Study in Environmental Management**  
Nathan Kemper, Jennie Popp, University of Arkansas; Dennis Robinson, University of Missouri; Wayne Miller, H.L. Goodwin, Jr., University of Arkansas; Gerald Doekson, Oklahoma State University
17. **A Trend toward Economic Accountability for Extension**  
Dean McCorkle, Dan Hanselka, Sarah McMahon, Steven Klose, David Anderson, Mark Waller, Scott Cummings, Texas A&M University; Garen Evans, Mississippi State University
18. **Using GIS Techniques to Identify Marginal Cropland: A Cotton Example**  
Kenneth W. Paxton, Huizhen Niu, LSU
19. **Maturity Group Tradeoffs in Corn Hybrid Selection: Yield Potential, Seeding Rate, Irrigation Cost and Seasonal Sale Price**  
Michael Popp, University of Arkansas; Jeffrey Edwards, Oklahoma State University; Larry Purcell, University of Arkansas;
20. **The Economic Impact of the Multi-Fiber Arrangement Removal on Global Textile and Cotton Trade**  
Doris Yan Xia, Parr Rosson, Texas A&M University
21. **Marketing Opportunities for Two Ark Clam Species: Blood Ark (*Anadara ovalis*) and Ponderous Ark (*Noetia ponderosa*) Clams**  
Robert L. Degner, Kimberly L. Morgan, University of Florida
22. **Television Food Advertising and My Pyramid: Keeping Kids Healthy?**  
Anne Jones, Lisa House, Al Wysocki, University of Florida
23. **Estimation of the Economic Impact of Russian Varroa-Resistant Honey Bees**  
John V. Westra, Seon-Ae Kim, LSU
24. **An Examination of Environmental Liability Costs to Landowners**  
Gregory Ibendahl, Mississippi State University
25. **An Evaluation of the Potential Market for and Uses of Catfish Processing Waste**  
Aloyce R. Kaliba, Carole R. Engle, University of Arkansas at Pine Bluff
26. **An Economic Comparison of the Efficacy of Defoliation Recommendations**  
Joey E. Mehlhorn, Tim Burcham, Barbara Darroch, Richard Joost, University of Tennessee at Martin; Melissa Lowery, Southeastern Bollweevil Eradication Program
27. **Economic Contribution of Varying Agronomic Practices in South Carolina Soybean and Corn Production**  
Todd D. Davis, Charles E. Curtis, Jr., Jason K. Norsworthy, Clemson University
28. **Quality and Cost Adjusted Economic Impacts of Alternate Tillage and Production Practices in South Carolina Cotton**  
Charles E. Curtis, Jr., Todd D. Davis, Clemson University; Phillip J. Bauer, ARS-USDA; Jim Frederick, Clemson University

**Monday 8 a.m. - 5 p.m.**

*Registration*

**Palms Ballroom, Foyer**

**Monday 8 a.m. - 4 p.m.**

*Quiz Bowl*

**Palms Ballroom, Salon A**

**Coffee Break - Oleander B 8 am - noon**

**Monday 8 a.m. - 5 p.m.**

*Departmental Recruitment Displays*

**Palms Ballroom, Foyer**

**Monday 8:30 a.m. - 8:45 a.m.**

**38<sup>th</sup> Annual SAEA Meetings**

*Opening Remarks and Welcome*

**Kimberly L. Jensen, SAEA President**

**Citrus Ballroom - Orange**

**Monday 8:45 a.m. - 9:45 a.m.**

*Presidential Address*

**Damona Doye**

**Citrus Ballroom - Orange**

**Monday 10:15 a.m. - 12 noon**

*Invited Papers 1*

**Citrus Ballroom - Orange**

Title: **Emerging Issues of Urban-Rural Interfaces**

1. **Public Demand for Urban Forests in Urban Sprawl.**

Penguy Zhu, Yaoqi Zhang, Auburn University.

2. **The Effects of Urban Growth Boundary on Housing Price at Knox County, Tennessee.**

Steven T. Yen, Seong-Hoon Cho, University of Tennessee; Zhuo Chen, University of Chicago.

3. **Two Dimensions of the Spatial Distribution of Housing: Dependency and Heterogeneity across Tennessee's Six Metropolitan Statistical Areas.**

Seong-Hoon Cho, Christopher D. Clark, William M. Park, University of Tennessee.

4. **Wilderness and Primitive Area Recreation and Consumption: An Examination of Demographic and Spatial Factors.**

J.M. Bowker, H. Ken Cordell, USDA Forest Service; John C. Bergstrom, Meghan Starbuck, Danielle Murphy, University of Georgia.

**Monday 10:15 a.m. - 12 noon**

*Invited Papers 2*

**Madeira**

Title: **Bio-Security, Diseases, and Invasive Species: Implications of Bioterrorism for Agriculture**

1. **Bio-security and the U.S. Livestock Sector: Trading Off Prevention and Response in the Case of Foot and Mouth Disease.** V.A. McCarl, L. Elbakibze, Texas A&M University.

2. **Invasive Species and Bio-security: Cost of Monitoring and Controlling Mediterranean Fruit Flies in Florida.** R. Pierre, T.H. Spreen, C.B. Moss, University of Florida.

Discussants: Gary Becker, U.S. Dept. of Homeland Security  
John Fox, Kansas State University

**Monday, 12 noon - 1 p.m.**

**SERA-IEG 16 Business Meeting**

**Coquina**

**Monday 1 p.m. - 2:45 p.m.**

*Selected Papers 1*

**Coquina**

Title: **Applications of Contemporaneous Econometric Methods**

Moderator: Octavio Ramirez, New Mexico State University

1. **Parametric and Nonparametric Evaluation of U.S. Hog Price Forecast.**

William Wolatub, ERS-USDA; Ashagree Yigletu, Southern University and A&M; Christopher G. Davis, ERS-USDA; Sung Chul No, Southern University and A&M

2. **Legal Status and U.S. Farm Wages**

Nobuyuki Iwai, Robert D. Emerson, Lurleen M. Walters, University of Florida

3. **Estimation of Production Functions Using Average Data**

Matthew Salois, Grigorios Livanis, Charles B. Moss, University of Florida

4. **Economics of Management Zone Delineation in Cotton Precision Agriculture**

Roderick M. Rejesus, Margariata Velandia, Eduardo Segarra, Kevin Bronson, Texas Tech University

**Monday 1 p.m. - 2:45 p.m.**

*Selected Papers 2*

**Clearwater**

Title: **BMP Adoption, Environment and Economic Performance**

Moderator: Nirmala Devkota, Louisiana State University

1. **Determination of BMP Adoption Effectiveness in the Louisiana Dairy Production Region**

L. M. Hall, K. P. Paudel, W. M. Gauthier, J. W. Westra, H. Niu, LSU

2. **Are Friendly People Also Environmentally Friendly? Environmental Awareness as a Social Capital Outcome**  
Abdul B.A. Munasib, Jeffrey L. Jordan, University of Georgia

3. **Environmental Stewardship and Economic Performance: The Case of Corn and Soybean Farms**  
J. Fernandez-Cornejo, G. Ghosh, ERS-USDA

4. **Adoption of BMPs Under EQIP by Cattle Farmers - A Sequential Analysis**  
J. Obubuafo, J. Gillespie, K. Paudel, S. Ae Kim, LSU

**Monday 1 p.m. - 2:45 p.m.**  
*Selected Papers 3*  
**Daytona**

Title: **Surveys, Data and Probabilistic Forecasts**  
Moderator: K.P. Paudel, LSU

1. **Surveys: What Does One Need to Know More about Them?**  
Harjanto Djunaidi, Middle Tennessee State University
2. **Almost Ideal Demand (AID) and Kuhn-Tucker Model in Estimation Recreation Demand**  
Rex Caffey, Nirmala Devkota, Krishna Paudel, Larry Hall, LSU
3. **Calibrating Probabilistic Forecasts**  
Paul A. Feldman, James W. Richardson, Keith D. Schumann, Steven L. Klose, Texas A&M University
4. **Choice of the Empirical Definition of Zero in the Translog Cost Functional Form**  
Yapo G. N'Guessan, Allen Featherstone, Hanas A. Cader, Kansas State University

**Monday 1 p.m. - 2:45 p.m.**  
*Selected Papers 4*  
**Paradise**

Title: **Issues in Nutrition and Produce Consumption**  
Moderator: Bailey Norwood, Oklahoma State University

1. **Modeling Fresh Organic Produce Consumption: Evidence from Scanner Data**  
Feng Zhang, Chung L. Huang, University of Georgia; Biing-Hwan Lin, ERS-USDA
2. **Changing Patterns of Orange Juice Consumption in the Southern United States**  
Leigh Ann Love, James A. Sterns, Thomas H. Spreen, Allen F. Wysocki, University of Florida
3. **Derived Demand for Food Nutrients as Welfare Indicator of Biofortified Crops**  
Josyline C. Javelosa, Charles B. Moss, Andrew Schmitz, University of Florida

4. **Household Vegetable Demand in the Philippines: Is There an Urban-Rural Divide?**  
Maria Erlinda M. Mutuc, Suwen Pan, Roderick M. Rejesus, Texas Tech University

**Monday, 1 p.m. - 2:45 p.m.**  
*Organized Symposium 1*  
**Venice**

Title: **Promoting Non-Traditional Alternative Enterprises for Small Farmers**

Organizer: Safdar Muhammad, Tennessee State University  
Moderator: Albert J. Allen, Mississippi State University  
Presenters:

1. Surendra Singh and Enefiok Ekanem, Tennessee State University
2. Omoanghe Isikhuemhen, North Carolina A&T State University
3. Tom Tate, USDA/CSREES
4. Safdar Muhammad and Fisseha Tegegne, Tennessee State University
5. Albert Allen, Mississippi State University

**Monday, 1 p.m. - 2:45 p.m.**  
*Organized Symposium 2*  
**Madeira**

Title: **Price and Quality Differentiation: Implications for the U.S. Beef Market**

Organizers: Sayed Saghaian, University of Kentucky  
Moderator: Darren Hudson, Mississippi State University  
Presenters:

1. Dawn Thilmany and Wendy Umberger, Colorado State University
2. Amanda R. Ziehl, University of Tennessee
3. William Hahn and Kenneth Mathews, Jr., USDA-ERS
4. Sayed Saghaian, Michael Reed, Kenny Burdine, University of Kentucky

**Monday 3:15 p.m. - 5 p.m.**  
*Selected Papers 5*  
**Clearwater**

Title: **Farm Bill, Government Program and Policy**  
Moderator: Xiaohui Deng, Cal State-Fresno

1. **Dynamic Analysis and Forecasts of Rough Rice Price under Government Price Support Program: An Application of Bayesian VAR**

Sung Chul No, Southern University and A&M; Michael E. Salassi, LSU

2. **Should Farm Bill Cropping Restrictions Really Matter to Fruit and Vegetable Producers? The Case of The Rio Grande Valley, Texas**  
Roland J. Fumasi, James W. Richardson, Texas A&M University
3. **Perception of Decoupled Government Payments: Evidence from a National Survey**  
Fariz, Ahmadov, University of Georgia; Ashok Mishra, ERS-USDA; Barry Barnett, University of Georgia
4. **The Impact of Increased Planting Flexibility on Planting Decisions Across Texas**  
J. Marc Raulston, Joe L. Outlaw, James W. Richardson, George M. Knapek, Texas A&M University

**Monday 3:15 p.m. - 5 p.m.**  
*Selected Papers 6*  
**Daytona**

Title: **Analysis of Animal Production Decision**  
Moderator: Robert H. Beach, Research Triangle Institute

1. **Dairy Resource Management: The Effects of Concentration and Urbanization**  
Erik O'Donoghue, Richard F. Nehring, Charles Barnard, Carmen L. Sandretto, ERS-USDA
2. **Considerations in the Dairy Relocation Decision**  
Brian K. Herbst, Joe L. Outlaw, David P. Anderson, Harry L. Bryant, Texas A&M University
3. **Heterogeneous Production Efficiency of Specialized Swine Producers**  
Glynn T. Tonsor, Allen M. Featherstone, Kansas State University
4. **Live Animal Ultrasound Information as a Decision Tool in Replacement Beef Heifer Programs**  
Alex Dos Santos, John D. Anderson, Rhonda C. Vann, Scott Willard, Mississippi State University

**Monday 3:15 p.m. - 5 p.m.**  
*Selected Papers 7*  
**Paradise**

Title: **Willingness to Pay**  
Moderator: Harjanto Djunaidi, Middle Tennessee State University

1. **Willingness-to-Pay for Genetic Attributes in Aquaculture Industries**  
Brian C. Boever, R. Wes Harrison, Terrence R. Tiersch, LSU

2. **Heterogeneity in Producer's Marketing Strategy**  
Tong Zhang, B. Wade Brorsen, Oklahoma State University
3. **Does Biotech Regulation Affect Industrial Organization? The Case of the Global Seed Industry**  
James N. Barnes, LSU; Nicholas G. Kalaitzandonakes, University of Missouri; Harvey S. James, Jr., LSU
4. **Strategic Alliances in U.S. Branded Beef Programs**  
Steve Martinez, ERS-USDA; Roger Hanagriff, Sam Houston State University; Kevin E. Smith, ERS-USDA

**Monday 3:15 p.m. - 5 p.m.**  
*Selected Papers 8*  
**Madeira**

Title: **Issues in Farm Finance: Augmenting Household Income, Credit Quality Measurement and Loan Default Prediction**

Moderator: Erda Wang, Tarleton University

1. **Savings of Farm Households. Who does and How Much?**  
Ashok Mishra, ERS-USDA; Hung-Hao Chang, Cornell University
2. **Credit Quality of Kansas Farms**  
Allen M. Featherstone, Michael R. Langemeier, Kent J. Haverkamp, Kansas State University
3. **Compensating for Lower Household Income: The Case of U.S. Farm Households**  
Brian C. Briggeman, Ken Foster, Purdue University
4. **Predicting Credit Default in an Agricultural Bank: Methods and Issues**  
O. Odeh Oluwarotimi, Allen Featherstone, Sanjoy Das, Kansas State University

**Monday 3:15 p.m. - 5 p.m.**  
*Selected Papers 9*  
**Venice**

Title: **Information, Tourism, and Value Added Agriculture**

Moderator: James N. Barnes, LSU

1. **Estimating Aggregate Knowledge Flows Between US Counties**  
Daniel Monchuk, Southern Mississippi University; John Miranowski, Iowa State University
2. **Running to Stand Still: How Litigation has Emphasized Challenges Economists Face in the Absence of Data**  
Nathan Kemper, University of Arkansas; Jennie Poop, Dennis Robinson, Wayne Miller, H.L. Goodwin, Jr., University of Arkansas; Gerald Doekson, Oklahoma State University

3. **The Demand for Agritourism in the United States**

Carlos E. Carpio, Michael K. Wohlgenant, Tullaya Boonsaeng, North Carolina State University

**Tuesday 10:15 a.m. - 12 noon**

*Poster Session*

**Palms Ballroom, Salon E**

4. **An Empirical Analysis of County-Level Determinants of Small Business Growth and Poverty in Appalachia: A Spatial Simultaneous-Equations Approach**

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

**Tuesday 8:45 a.m. - 9:45 a.m.**

*Keynote Speaker*

**Dr. Bob Young, Chief Economist  
American Farm Bureau Federation  
Citrus Ballrooms - Lime**

**Monday 3:15 p.m. - 5 p.m.**

*Organized Symposium 3*

**Palms Ballroom, Salon H**

Title: **Lessons from the Tobacco Buyout**

Organizers: Kelly J. Tiller, University of Tennessee

Moderator: Thomas Capehart, USDA-ERS

Presenters:

1. William Snell, University of Kentucky
2. Kelly Tiller, University of Tennessee
3. Blake Brown, North Carolina State University
4. Nathan Smith, University of Georgia

**Monday 3:15 p.m. - 5 p.m.**

*Organized Symposium 4*

**Coquina**

Title: **The WTO and its Potential Impacts on the U.S. Agricultural Policy**

Organizer: Parr Rosson and Flynn Adcock, Texas A&M University

Moderator: P. Lynn Kennedy, LSU

Presenters:

1. Parr Rosson, Texas A&M University
2. Larry Sanders, Oklahoma State University
3. Mickey Paggi, California State University-Fresno
4. John Robinson, Texas A&M University

**Monday 5:15 p.m. - 7 p.m.**

*SAEA Business Meeting and Awards Program*

**Citrus Ballrooms - Lime**

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**Tuesday 8 a.m. - 5 p.m.**

*Registration*

**Palms Ballroom, Foyer**

**Tuesday 10:15 a.m. - 12 noon**

*Invited Papers 3*

**Palms Ballroom, Salon B**

Title: **The Impact of Bio-Fuels on Southern States Agriculture**

1. **Outlook for the Bio-fuels Industry in Southern States.**  
Anthony Crook, USDA Rural Development
2. **Challenges to Producer Ownership of Ethanol and Bio-diesel Production Facilities.**  
Phil Kenkel and Rodney Holcomb, Oklahoma State University
3. **Economic Impacts of Bio-fuel Production on States and Rural Communities.**  
Joe Parcell and Pat Westhoff, University of Missouri
4. **The Economic Competitiveness of Bioenergy Production and Impacts on Southern Region Agriculture.**  
Marie Walsh, University of Tennessee

**Tuesday 10:15 a.m. - 12 noon**

*Invited Papers 4*

**Palms Ballroom, Salon H**

Title: **Putting Entrepreneurship into Agricultural Economics: Research and Teaching Perspectives**

1. **Returns to the Entrepreneurial Resource.** R. Brent Ross and Randy Westgren, University of Illinois, Urbana-Champaign
2. **Collective Entrepreneurship: An Emerging Phenomenon in Producer-Owned Organizations.**  
Michael L. Cook, University of Missouri; Brad Plunkett, Government of Western Australia
3. **Can Entrepreneurship Be Taught?**  
Peter G. Klein and J. Bruce Bullock, University of Missouri

Discussant: Vincent Amanour-Boadu, Kansas State University

**Tuesday 10:15 a.m. - 12 noon**  
**Organized Symposium 5**  
**Lifetime Achievement Award Symposium**  
**Cocoa**

Organizer: Richard L. Kilmer, University of Florida  
Moderator: Richard L. Kilmer, University of Florida  
Presenters:

1. Stephen H. Amosson, Texas A&M University
2. Gerald A. Doeksen, Oklahoma State University
3. Danny A. Klinefelter, Texas A&M University
4. Thomas H. Spreen, University of Florida
5. Abner W. Womack, University of Missouri

**Tuesday 1 p.m. - 2:45 p.m.**  
**Selected Papers 10**  
**Citrus Ballrooms - Lime**

Title: **Teaching and Research Agenda**  
Moderator: Joseph Mehlhorn, University of Tennessee at Martin

1. **Incorporation of Evolutionary Economic and Related Multidisciplinary Concepts Into a 1964 Conceptualization of a Market**  
Hector O. Zapata, Wayne M. Gauthier, LSU
2. **Authors: Quizbowl: Success in and out of the Classroom, A Five Year Study**  
Jennie Popp, German Rodriguez, University of Arkansas
3. **Do We Prepare Our Students Well for the Job Markets?**  
Tim Redd, Harjanto Djunaidi, Middle Tennessee State University
4. **Agricultural Health and Safety: A Research Agenda for Agricultural Economists**  
Robert Burton, Jr., Ross Key, Kansas State University

**Tuesday 1 p.m. - 2:45 p.m.**  
**Selected Papers 11**  
**Clearwater**

Title: **Precision Agriculture**  
Moderator: Shankar Devkota, Oklahoma State University

1. **Field-Scale Research Experimental Designs and Spatial Econometric Methods for Precision Farming**  
Terry Griffin, Raymond Florax, Jess Lowenberg-DeBoer, Purdue University
2. **Maximum Value of a Precise Nitrogen Application System for Wheat**  
Jon T. Biermacher, Francis M. Epplin, B. Wade Brorsen, John B. Solie, William R. Raun, Oklahoma State University

3. **Yield Monitor Adoption and Information Use by U.S. Soybean Producers**  
Stan Daberkow, Jorge Fernandez-Cornejo, ERS-USDA

**Tuesday 1 p.m. - 2:45 p.m.**  
**Selected Papers 12**  
**Cocoa**

Title: **Partial and General Equilibrium Analysis of Agricultural Commodities**  
Moderator: Sung Chul No, Southern University and A&M

1. **Sensitive Product Designation in the Doha Round: The Case of Rice**  
Alvaro Durand-Morat, Eric Wailes, University of Arkansas
2. **Effect of Central American Free Trade Area (CAFTA) on U.S. Sugar Market**  
Hassan Marzoughi, P. Lynn Kennedy, LSU
3. **Cotton Trade Liberalizations and Domestic Agricultural Policy Reforms: A Partial Equilibrium Analysis**  
Suwen Pan, Samarendu Mohanty, Mohamadou Fadiga, Mark Welch, Texas Tech University

**Tuesday 1 p.m. - 2:45 p.m.**  
**Selected Papers 13**  
**Daytona**

Title: **Broiler Production and Waste**  
Moderator: Sherry Larkin, University of Florida

1. **Assessing the Feasibility of Broiler Manure Transportation and Application in Crop Production under Environmental Restrictions**  
K. Bhattara, K. Paudel, LSU
2. **Despairing over Disparities: Willingness to Pay and Willingness to Accept Differences among Broiler Producers in Louisiana**  
Y. Qin, K.P. Paudel, LSU
3. **How Much Is Poultry Litter Worth?**  
R.I. Carreira, H.L. Goodwin, S.J. Hamm, University of Arkansas
4. **Adoption of Best Management Practices among Poultry Producers in Louisiana**  
K.P. Paudel, Y. Qin, T. Lavargne, K. Wegenhoft, LSU

**Tuesday 1 p.m. - 2:45 p.m.**  
**Selected Papers 14**  
**Paradise**

Title: **Farm Level Agronomic Analysis**  
Moderator: Philip R. Eberle, Southern Illinois University

1. **Herbicide Application Rates, Risk Premiums and Environmental Implications**

Ray Massey, University of Missouri

2. **Application of Weather-Based Risk Models for Agricultural Risk Management in Developing Countries**

Oscar Vergara, Gerhard Zuba, Tim Doggett, Air Worldwide Corporation

3. **Adoption of Conservation Tillage Methods and Genetically Modified Cotton**

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

4. **A Farm-Level Approach to the Methyl Bromide Phase-out: Identifying Alternatives and Maximizing Net Worth Using Stochastic Dominance and Optimization Procedures**

Mark M. Boyd, Cesar L. Escalante, Michael E. Wetzstein, Esendugue G. Fonsah, University of Georgia

**Tuesday 1 p.m. - 2:45 p.m.**

*Selected Papers 15*

**Venice**

Title: **International Agricultural, Trade Analysis and Competitive Advantage**

Moderator: Harjanto Djunaidi, Middle Tennessee State University

1. **Biotechnology and Economic Development: The Benefits of MSV Tolerant Maize in Kenya**

Monica Lopez Andreu, David Norman, Orlen Grunewald, Kansas State University

2. **Economic Impacts of Restricted Animal Movements Due to Enhance Mexican Regional Bovine Health Criteria**

Megan E. Cunningham, Derrell S. Peel, Oklahoma State University

3. **Technological Leapfrogging as a Source of Competitive Advantage in Global Produce Industries**

Thom Wright, Suzanne Thornsby, Lourdes Martinez, Michigan State University

4. **Sanitary and Phytosanitary Measures: A Game Theoretic Model of Comparative Evaluation**

Nandini Banerjee, P. Lynn Kennedy, LSU

**Tuesday 1 p.m. - 2:45 p.m.**

*Selected Papers 16*

**Palms Ballroom, Salon H**

Title: **Government Policy Effectiveness and Its Impact**

Moderator: Albert Allen, Mississippi State University

1. **Participatory Integrated Watershed Management for Sustainable Rural Livelihoods in Developing Countries**

Yoganand Budumuru, West Virginia University

2. **An Alternative Model for Analyzing the Physician-Hospital Relationship in Rural Areas**

Matthew J. Fannin, James N. Barnes, LSU

3. **An Empirical Analysis of Food Assistance Participation Program in West Virginia**

Ahadu T. Tekle, Tesfa G. Gebremedhin, West Virginia University

4. **Analyzing Arkansas's Economic Growth: Need for Effective Rural Development Policies**

Biswaranjan Das, Daniel V. Rainey, University of Arkansas

**Tuesday 1 p.m. - 2:45 p.m.**

*Selected Papers 17*

**Coquina**

Title: **Weather, Land Value and Conjoint Analysis**

Moderator: Roger A. Hinson, LSU

1. **Predicting Weather-Caused Crop Yield Losses In Kansas**

Erda Wang, Jimmy R. Williams, Bertis B. Little, and Bill B. Golden, Tarleton University

2. **Choice-Based Conjoint Experiment with Genetically Engineered Cotton in the Mississippi Delta**

Swagata "Ban" Banerjee, Steven W. Martin, Darren Hudson, Mississippi State University

3. **Causes, Trends, and Impacts of Land Conversion: A Study of Urbanization in North Alabama**

Maribel Mojica and James O. Bukenya, Alabama A&M University

4. **House and Landscape Value: An Application of Hedonic Pricing Technique Investigating Effects of Lawn Area on House Selling Price**

Madison Coley, Wojciech J. Florkowski, University of Georgia; Michael Bowker, U.S. Forest Service

**Tuesday 1 p.m. - 2:45 p.m.**

*Organized Symposium 6*

**Palms Ballroom, Salon B**

Title: **Estimating Economic Losses Incurred by Agriculture from Natural Disasters**

Organizers: John Anderson, C.W. "Bill" Herndon, and Gregory Ibendahl, Mississippi State University

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

Presenters:

1. John Anderson, Mississippi State University

2. Kurt M. Guidry, Louisiana State University

3. Gregory Ibendahl, Mississippi State University

4. James L. Novak, Auburn University

**Tuesday 1 p.m. - 2:45 p.m.**  
*Organized Symposium 7*  
**Citrus Ballroom - Lemon**

Title: **The Economic Impact of CAFTA-DR on Southern Agriculture**

Organizer: Flynn Adcock and Parr Rosson, Texas A&M University

Moderator: Stanley M. Fletcher, University of Georgia

Presenters:

1. Sarah McMahon, Parr Rosson, and Flynn Adcock, Texas A&M University
2. Jaime Malaga, Texas Tech University
3. P. Lynn Kennedy, Louisiana State University

**Tuesday 3:15 p.m. - 5 p.m.**  
*Selected Papers 18*  
**Daytona**

Title: **Market Structure Analysis Across Countries**  
Moderator: P. Lynn Kennedy, Louisiana State University

1. **Who Dominates Market Power for U.S.- China Soybean Trade?**  
Baohui Song, Mary A. Marchant, Shuang Xu, University of Kentucky
2. **Testing for Market Integration and the Law of One Price in World Shrimp Markets**  
Ferdinand D. Vinuya, Clemson
3. **Monopsony Power and EU Fish Imports: Implications for Ugandan Exports of Fresh and Chilled Fish Fillet**  
Andrew Muhammad, Southern University and A&M
4. **The International Location of Pork Production**  
Hongsin Park, Ozgur Kaya, Lewell Gunter, University of Georgia

**Tuesday 3:15 p.m. - 5 p.m.**  
*Selected Papers 19*  
**Paradise**

Title: **Environmental Valuation and Policy**  
Moderator: J. Fernandez-Cornejo, ERS-USDA

1. **Impact of Forestry-Related Ordinances on Timber Harvesting in St. Tammany Parish**  
J.E. Henderson, T.M. Willson, M.A. Dunn, R.F. Kazmierczak, Jr., LSU
2. **The Impacts of Alternative Institutions on Distributional and Environmental Efficiency in Environmental Programs**  
V. Buller, D. Hudson, Mississippi State University

3. **Use of Bootstrap Method to Obtain Reliable Parameter Estimations on a Travel Cost Demand Model**

N. Devkota, K.P. Paudel, R.H. Caffey, L. Hall, LSU

4. **A Double-Hurdle Model of Preferences for a Proposed Capacity Reduction Program in the Atlantic Shark Fishery**

Jessica Musengezi, Fred Rossi, Sherry Larkin, University of Florida

**Tuesday 3:15 p.m. - 5 p.m.**  
*Selected Papers 20*  
**Venice**

Title: **Food Safety and Quality**

Moderator: Jayson L. Lusk, Oklahoma State University

1. **Influence of Risk/Benefit Perceptions on Willingness-to-Pay (WTP) for Genetically Modified (GM) Foods**  
Jae-Hwan Han, R. Wes Harrison, LSU
2. **Household Perceptions of the Quality of Drinking Water in Uganda**  
James O. Bukenya, Alabama A&M University
3. **Economic Impacts of Red Tide on Restaurant Sales**  
Kimberly L. Morgan, Sherry L. Larkin, University of Florida
4. **The Economics of Eating Fresh Fruits and Vegetables: Recognizing Discernible Patterns for Obesity Differences among Lower- and Higher-Income Consumers**  
Eugene Jones, Ohio State University

**Tuesday 3:15 p.m. - 5 p.m.**  
*Selected Papers 21*  
**Palms Ballroom, Salon H**

Title: **Crop Insurance, Farm Workers and Farm Size**  
Moderator: Lucas D. Parch, The University of Arkansas

1. **Crop Insurance Adoption: Evaluating Yield Insurance Options Based on Sparse Data and Attitudes Toward Risk**  
Keith D. Schumann, James W. Richardson, Texas A&M University
2. **Testing the Efficiency of an Alternative Crop Index Insurance Product Based on an Agronomy Simulation Model**  
Xiaohui Deng, California State University-Fresno; Barry J. Barnett, Yingzhuo Yu, Axel Garcia, Gerrit Hoogenboom, University of Georgia
3. **The U.S. Farm Labor Market Post-IRCA: An Assessment of Farm Worker Earnings, Employment Patterns and Legal Status**  
Lurleen M. Walters, Orachos Napsintuwong, Nobuyuki Iwai, Robert D. Emerson, University of Florida

4. **Evaluating Differences in the Rate of Return on Assets Across Farm Size and Commodities**

George M. Knapek, J. Marc Raulston, Joe L. Outlaw, James W. Richardson, David P. Anderson, James D. Sartwelle, III, Texas A&M University

**Tuesday 3:15 p.m. - 5 p.m.**  
*Selected Papers 22*  
**Coquina**

Title: **Competitive Advantage, Marketing Strategies and Economic Analysis**

Moderator: Kim Anderson, Oklahoma State University

1. **The "Phantom Costs" of Florida's Citrus Industry**  
Ronald P. Muraro, Fritz M. Rika, Thomas H. Spreen, University of Florida
2. **The Viability of a Farmer-Owned Crop Insurance Investment Account**  
Delton C. Gerloff, University of Tennessee
3. **Evaluation of Alternative Beef Cow Marketing Strategies**  
Curt R. Lacy, University of Georgia
4. **Economic Analysis and Impact of Sod Production in Texas**  
Lawrence L. Falconer, Sarah McMahon, Texas A&M University

**Tuesday 3:15 p.m. - 5 p.m.**  
*Selected Papers 23*  
**Palms Ballroom, Salon B**

Title: **Farm Production Efficiency**

Moderator: Stan Spurlock, Mississippi State University

1. **Risk Efficient Strategies for Using Winter Wheat Pasture**  
Karen W. Taylor, Francis M. Epplin, Oklahoma State University
2. **Economically Feasible Crop Production Alternatives to Peanuts in Southwestern Oklahoma**  
Shankar Devkota, Rodney Holcomb, Merritt Taylor, Francis Epplin, Oklahoma State University
3. **Optimal Irrigation Schedules and Estimation of Corn Yield under Varying Well Capacities and Soil Moisture Levels in Western Kansas**  
Sreedhar Upendram, Jeffrey Peterson, Kansas State University
4. **Sources of Farm Inefficiency in Kansas Farms**  
Orlen Grunewald, Monica Lopez Andreu, Kansas State University

**Tuesday 3:15 p.m. - 5 p.m.**  
*Selected Papers 24*  
**Cocoa**

Title: **Policy Analysis and Current Issues**

Moderator: James A. Larson, The University of Tennessee

1. **How Will Tobacco Farmers Respond to the Quota Buyout? Findings from a Survey of North Carolina Tobacco Farmers**  
Robert H. Beach, Research Triangle Institute; David Richmond, Wake Forest University; W. David Austin, Research Triangle Institute; Alison Snow Jones, Wake Forest University
2. **Urban Influence on Costs of Production in Selected Regions: A Frontier Approach**  
Richard Nehring, David Banker, Vince Breneman, ERS-USDA
3. **Who is Willing to Pay to Keep Livestock Production Away?**  
Philip R. Eberle, C. Matthew Rendleman, William C. Peterson, Southern Illinois University
4. **Economic Optimization of Groundwater Resources in the Texas Panhandle**  
Lal K. Almas, W. Arden Colette, Seong C. Park, West Texas A&M University

**Tuesday 3:15 p.m. - 5 p.m.**  
*Selected Papers 25*  
**Clearwater**

Title: **Agribusiness, Food Security and Rural Community**

Moderator: Dan Rainey, The University of Arkansas

1. **Innovation and Entrepreneurship in Rural Communities: Early Business Survival Challenges for the Agribusiness Entrepreneur**  
Cesar L. Escalante, University of Georgia; Calum G. Turvey, Cornell University
2. **An Analysis of the Relationship between Demographics and Food Security**  
Jermisha Johnson, Gerald Whelelock, Alabama A&M University
3. **Measuring the Impacts of Small Farms and Community Development Linkages in Selected Rural Counties**  
Albert Myles, Albert Allen, Mississippi State University
4. **Repayment Capacity among Smallholders Fish Farmers in Kenya**  
Aloyce R. Kaliba, University of Arkansas at Pine Bluff

**Tuesday 3:15 p.m. - 5 p.m.**

*Selected Papers 26*

**Citrus Ballroom - Lemon**

Title: **Market Structure and Access in the Wine, Produce and Livestock Industries**

Moderator: Y. Kunimitsu, National Institute for Rural Engineering, Tsukuba, Japan

1. **Switching of Wine Juice Production Methods: An Application to the Indiana Wine Market**  
Whitney Oliver Peake, Brian C. Briggeman, Purdue University
2. **Industry Concentration Impacts on Business Strategies Used by Small Produce Wholesalers**  
Roger A. Hinson, LSU; Ramona Sihoha, Dixie Watts Reaves, Virginia Polytechnic Institute and State University
3. **Modeling Live-Cattle Supply with Spot and Futures Prices**  
James E. Epperson, Zhang Fen, Jack E. Houston, University of Georgia
4. **Meat Processing in North America: Successes, Failures and Opportunities**  
Derek Brewin, Vahid Omidvar, University of Manitoba

**Tuesday 5 p.m. - 7 p.m.**

*JAAE Editorial Council Meeting*  
**Executive Boardroom**

**Tuesday 7 p.m. - 9 p.m.**

*SAEA Reception*  
**TGI Friday**

**Orlando, 8120 International Drive**  
(across from Wyndham Hotel)

**Wednesday 8 a.m. - 10 a.m.**

*Registration*

**Palm Ballroom, Foyer**

**Wednesday 8 a.m. - 9-45 a.m.**

*Selected Papers 27*  
**Daytona**

Title: **Market Planning and Analysis**

Moderator: Steve Martinez, ERS-USDA

1. **Planning an Expansion of Blueberry Production by Southern Growers**  
Wojciech J. Florkowski, University of Georgia; Abdulbaki Bilgic, Harran University
2. **Price Transparency in the Voluntary Price Reporting System for Live Cattle: Theory and Empirical Evidence**  
Scott W. Fausti, Matt Diersen, Bashir Qasmi, South Dakota State University

3. **Long-Term Valuation of Value Added Products: A Product Life-Cycle Approach**

Haluk Gedikoglu, Joe L. Parcell, David J. Patterson, Richard Randle, Jim Kimbrough, University of Missouri

4. **A Niche Market for Sweet Potatoes – Specialty Packs to the United Kingdom**

Roger A. Hinson, LSU

**Wednesday 8 a.m. - 9:45 a.m.**

*Selected Papers 28*

**Paradise**

Title: **Agricultural Prices**

Moderator: Stan Daberkow, ERS-USDA

1. **Relationship Between Inflation for Prices Paid on Prices Received by Farmers**  
Jody L. Campiche, Henry L. Bryant, James W. Richardson, Joe L. Outlaw, Texas A&M University
2. **Impact of Fuel Price Increases on Texas Crops**  
Chris R. Eggerman, James W. Richardson, Joe L. Outlaw, Texas A&M University
3. **Geographic and Seasonal Differences in the Effectiveness of Feeder Cattle Hedging**  
William K. Brake, John D. Anderson, Brian K. Coffey, Mississippi State University
4. **Comparing the Risks and Returns of Alternative Price Risk Management Strategies for Southeastern Feeder Cattle Production**  
Matias G. Nardi, Todd D. Davis, Clemson; Curt Lacy, University of Georgia; Walter Prevatt, Auburn; Timothy D. Hewitt, University of Florida

**Wednesday 8 a.m. - 9:45 a.m.**

*Selected Papers 29*

**Venice**

Title: **Forestry: Climatic Effects and Carbon Sequestration**

Moderator: Brandon David, Mississippi State University

1. **The Optimal Single Forest Rotation under Climatic Fluctuation Effect**  
H. Jia, University of Kentucky
2. **Analysis of Potential Carbon Sequestration and Revenue from Timber and Carbon Credits for Landowners of Abandoned Mine Lands**  
C. Bouquot, M. Sperow, West Virginia University
3. **A Risk Analysis of Carbon Sequestration in Claypan Soil**  
J.R. Williams, D.L. Pendell, D.W. Sweeney, Kansas State University

**Wednesday 8 a.m. - 9:45 a.m.**

*Selected Papers 30*

**Palms Ballroom, Salon H**

Title: **Livestock Economics**

Moderator: James Trapp, Oklahoma State University

1. **Factors Influencing the Adoption of Russian Varroa-Resistant Honey Bees**  
Seon-Ae Kim, John V. Westra, Jeffrey M. Gillespie, LSU
2. **Financial Impacts of Regional Differences in Beef Cattle Operations**  
James. D. Sartwelle III, Joe L. Outlaw, James W. Richardson, Texas A&M University
3. **Economic Returns to Different Stocking Rates for Cattle on Ryegrass under Contract Grazing and Traditional Ownership**  
Jose-Luis Zaragoza-Ramire, Chapingo University, Texcoco; David Bransby, Patricia A. Duffy, Auburn
4. **Willingness to Accept Payment to Participate in Dairy Programs to Reduce Manure Related Problems in Louisiana's Major Dairy Production Region**  
Wayne M. Gauthier, Krishna P. Paudel, Larry M. Hall, John V. Westra, LSU

**Wednesday 8 a.m. - 9:45 a.m.**

*Selected Papers 31*

**Coquina**

Title: **Ethanol, Economic and Cost Analysis**

Moderator: K.P. Paudel, LSU

1. **Ethanol Pricing: Explanations and Interrelationships**  
L.M. Higgins, H.L. Bryant, J.L. Outlaw, J.W. Richardson, Texas A&M University
2. **Macro Economic Impacts of Installing Rice Husk Electricity Power Plants in Thailand**  
Y. Kunimitsu, National Institute for Rural Engineering, Tskuba City
3. **Economic Analysis of Solid-Set Sprinklers to Control Dust in Feedlots**  
S.H. Amosson, B. Guerrero, L.K. Almas, Texas A&M University
4. **Engineering Cost Analysis of a Dairy Anaerobic Digestive System: A Real Option Approach**  
Brandon Davis, Mississippi State University

**Wednesday 8 a.m. - 9:45 a.m.**

*Selected Papers 32*

**Palms Ballroom, Salon B**

Title: **Fuel, Transportation Efficiency and Agribusiness**

Moderator: Joe Outlaw, Texas A&M University

1. **Impact of Entry and Exit on Agribusiness-Trucking Industry Efficiency: A Panel Stochastic Frontier Analysis**  
Albert Allen, Saleem Shaik, Mississippi State University
2. **Impact of September 11, 2001 on the Profitability Performance of the U.S. Trucking Industry**  
Safdar Muhammad, Albert Allen, Saleem Shaik, Mississippi State University
3. **The Effect of Ethanol Production on Agricultural Production in the State of Alabama**  
Ellene Kebede, Tuskegee Institute; Patricia A. Duffy, Auburn; Robert Zabawa, Tuskegee Institute

**Wednesday 8 a.m. - 9:45 a.m.**

*Selected Papers 33*

**Citrus Ballrooms - Lemon**

Title: **Farm Programs and Current Issues**

Moderator: Francis Epplin, Oklahoma State University

1. **Farm Programs and Agriculture Land Value: Case of Southern Agriculture**  
Saleem Shaik, Mississippi State University
2. **Will the Mississippi and Louisiana Dairy Industry Survive Hurricane Katrina?**  
Cary Herndon, Mississippi State University
3. **Economic Impacts of the Green Industry in the United States**  
Charles R. Hall, Alan W. Hodges, John J. Haydu, University of Tennessee
4. **An Optimization Model for Winery Capacity Use**  
Kolympiris Christos, University of Missouri; Michael R. Thomsen and Justin R. Morris, University of Arkansas

**Wednesday 8 a.m. - 9:15 a.m.**

*Selected Papers 34*

**Citrus Ballrooms - Lime**

Title: **Issues in Meat Demand**

Moderator: B. Wade Brorsen., Oklahoma State University

1. **A Dynamic Approach to Estimate Theoretically Consistent US Meat Demand System**  
Sulgham Anil, Hector O. Zapata, LSU
2. **Consumer Demand for a Ban on Antibiotic Drug Use in Pork Production**  
Jayson L. Lusk, Bailey Norwood, Ross Pruitt, Oklahoma State University
3. **Testing Separability Between Import and Domestic Commodities: Application to U.S. Meat Demand in a Dynamic Model**  
Tullaya Boonsaeng, Michael K. Wohlgenant, North Carolina State University

4. **Value Added to the Beef Cattle Chain Through Genetic Management**

J. Robertson, J. Parcell, D. Patterson, R. Plain, University of Missouri

**Wednesday 8 a.m. - 9:15 a.m.**

*Selected papers 35*

**Cocoa**

Title: **Water Quality, Use, and Policy**

Moderator: Harjanto Djunaidi, Middle Tennessee State Univ

1. **Cost-Effectiveness of Alternative Environmental Policies for Reducing Non-Point Source Pollution in Public Water Supplies**

E.B. Mafoua-Koukebene, State University of New York;  
R.H. Hornbaker, University of Illinois

2. **Water Policy Alternatives for the Southern Ogallala Aquifer**

E. Wheeler, E. Segarra, P. Johnson, D. Willis, J. Johnson, Texas Tech University

3. **Effect of Water Price on the Multicrop Production Decision: Applying Fixed Allocatable Input Model in Georgia**

Y. Yu, J. Mullen, G. Hoogenboom, University of Georgia

4. **Combating the Crisis: Managing Watersheds for Economic Profit and Environmental Quality Improvement**

G. Rodriguez, J. Popp, University of Arkansas