

**SOUTHERN AGRICULTURAL EDUCATION CONFERENCE (SAEC)  
SOUTHERN AGRICULTURAL EDUCATION RESEARCH CONFERENCE (SAERC)**

**HOST: LOUISIANA STATE UNIVERSITY**

*February 5-9, 2005  
The Peabody Hotel - Little Rock, Arkansas*

SAAS = Southern Association of Agricultural Scientists  
AAAE = American Association for Agricultural Education  
SAEC = Southern Agricultural Education Conference  
SAERC = Southern Agricultural Education Research Conference

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**SATURDAY, FEBRUARY 5**

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**4 - 7 p.m. Registration** - Louisiana State University      Lobby, Peabody Hotel

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**SUNDAY, FEBRUARY 6**

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**8:00 a.m. Registration** - Louisiana State University      Prefunction Area  
Peabody Hotel

**9:00 a.m. Joint Agricultural Education and Agricultural Communications Vespers Service**      White Oak Room  
Don Herring, University of Arkansas

**10:00 a.m. Opening SAERC Session**      White Oak Room  
Presiding: Joe Kotrlik, Louisiana State University  
Remarks: James Smith, Southern Region Vice-President, AAAE  
Adam Kantrovich, Southern Region Alternate Vice-President, AAAE  
(Outstanding Paper Selection)  
Facilitators: Gary Wingenbach, Texas A&M University  
Rick Rudd, University of Florida  
Robin Peiter, University of Kentucky

**10:30 a.m. Concurrent SAERC Session I**

**Session A: Technology and Distance Education**      White Oak Room  
Chair: Jay Morgan, Murray State University  
Discussant: David Lawver, Texas Tech University  
Facilitators: Jeffrey Horne, Southern Arkansas University; Chanda Elbert, Texas A&M University

Roadmap to Measuring Distance Education Instructional Design Competencies - *Kim E. Dooley, James R. Lindner, Texas A&M University; Ricky W. Telg, University of Florida; Lori Moore, University of Idaho; Lisa Lundy, Louisiana State University; Traci Irani, University of Florida*

China Agricultural University Faculty Adoption Behavior about Web-Based Distance Education - *Yan Li, James R. Lindner, Gary J. Wingenbach & Timothy H. Murphy, Texas A&M University*

An Analysis of Technology Use and Quality Of Life in a Rural West Texas Community - *Susie J. R. Bullock, Texas A&M University & Texas Tech University; James H. Smith, Texas Tech University; Gary Briers, Texas A&M University*

Relationships between Student Achievement and Levels of Technology Integration by Texas AgriScience Teachers – *Jason B. Peake, The University of Georgia-Tifton Campus; Gary Briers & Tim Murphy, Texas A&M University*

**Session B: Professional Development**

Lafayette Room

Chair: Cliff Ricketts, Middle Tennessee State University

Discussant: Jim Flowers, North Carolina State University

Facilitator: Travis Park, University of Florida; Penny Haase-Wittler, Southern Arkansas University.

Extension Agents' Perceptions of Fundamental Job Characteristics and Their Level of Job Satisfaction - *Meagan Scott, Kirk A. Swortzel & Walter N. Taylor, Mississippi State University*

Teacher Preparation and In-Service Needs Associated With Management of the Total Program of Agricultural Education in Georgia - *John C. Ricketts, John Uessler, Jason B. Peake, The University of Georgia-Tifton Campus; Dennis W. Duncan, The University of Georgia*

A Comparison of Teacher Efficacy of Traditionally and Alternatively Certified Agriculture Teachers - *Steven J. Rocca & Shannon G. Washburn, University of Florida*

Future Job Openings in the Field of Agricultural Education and Communication - *David Jones & Rick D. Rudd, University of Florida*

**Session C: Youth Organizations**

Ouachita Room

Chair: Robin Peiter, University of Kentucky

Discussant: Tony Brannon, Murray State University

Facilitator: Rusty Miller, Virginia Tech

Volunteer Administration Leadership Proficiency and Leadership Styles: Perceptions of Southern Region 4-H County Faculty - *Nicole L. P. Stedman, Texas A&M University; Rick D. Rudd, University of Florida*

National FFA Career Development Events: An Introspective Inquiry - *Barry Croom & Gary E. Moore, North Carolina State University; Jim Armbruster, National FFA Center*

Development of Youth Leadership Life Skills of Texas Youth as San Antonio Livestock Exposition School Tour Guides – *Laura A. Real & Julie Harlin, Texas A&M University*

Student Demographics, Extracurricular Participation and Safety Education of Students Participating in The 2003 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show - *Doug Ullrich, Dwayne Pavelock, Joe Muller & Billy Harrell, Sam Houston State University*

**12:00 p.m. Lunch on your own**

**1:15 p.m. SAEC Committee Meetings**

**Professional Development Committee** White Oak Room

Chair: Barry Croom, North Carolina State University (5/05)  
Members: Kirk A. Swortzel, Mississippi State University (5/06)  
Shannon G. Washburn (5/06)  
Carrie A. Fritz (5/07)  
John C. Ricketts (5/07)

**Program Improvement Committee** Conway Room

Chair: Tom Dobbins, Clemson University (5/05)  
Members: Jim Leising, Oklahoma State University (5/06)  
Robin Peiter (5/06)  
Dennis W. Duncan (5/07)  
Chandra Elbert (5/07)

**Research Committee** Ouachita Room

Chair: James E. Dyer, University of Florida (5/05)  
Members: Craig Edwards, Oklahoma State University (5/06)  
Todd Brashears (5/07)  
Barry Boyd (5/07)

**Communications Committee** Lafayette Room

Chair: Gary J. Wingenbach, Texas A&M University (last year's chair) (5/05)  
Members: Adam Kantrovich (5/06)  
Dwayne Cartmell (5/06)  
Jerry Gibson (5/07)  
Kim E. Dooley (5/07)  
Tracy A. Rutherford (5/07)

**Resolutions Committee** Marion Room

Chair: Mark Kistler, University of Florida  
Dwayne Pavelock, Sam Houston State University  
Antoine Alston, North Carolina A&T State University

**2:45 p.m. Poster Session and Break** Prefunction Area

Chair: Tom Dobbins, Clemson University Peabody Hotel

Identifying Educational Opportunities for Youth Participating in the 4-H or FFA Swine Project: A Survey of Packers - *Lisa Koteras, Jodi Sterle & Chris Boleman, Texas A&M University*

Fuel Efficiency of Small Gas Engines: Unleaded Gasoline versus Ethanol 85 (E-85) - *Keith Warnock, Aaron Dickinson, George Wardlow & Donald Johnson, University of Arkansas*

Agri-Science for Teachers: A New Methods Course for the Agri-Science Laboratory - *John C. Ricketts, Dennis Duncan & Jason Peake, The University of Georgia*

A Comprehensive Summer In-Service Program: Spanning the Generations - *Jon W. Ramsey & R. Brent Young, Oklahoma State University*

Using Role-Playing to Teach Risk and Crisis Communication Skills - *Courtney Wimmer, Sarah Heuer & Jefferson D. Miller, University of Arkansas*

Project ACCESS: Agricultural Consortium for Comprehensive Educational Support and Service Project - *Jay Morgan, Murray State University*

Certificate in Agricultural and Natural Resources Information Science - *Marcus M Comer, North Carolina A&T State University*

Assessing Middle School Teachers Expectations of Training for Graduate Fellows Assigned to Integrate Science/Math into Rural Classrooms - *Diana L. Mowen, Shannon Degenhart, Julie Harlin, Gary J. Wingenbach & James R. Lindner, Texas A&M University*

Enhancing Educator Knowledge of Sheep and Goat Production - *Linda Coffey & Margo Hale, North Carolina A&T State University/ATTRA*

Independent Group Projects for the Virginia Governor's School for Agriculture - *John Cannon, Virginia Polytechnic Institute and State University*

The Food Land and People Curriculum: Integrating Agriculture across the Curriculum - *David V. Powell, David M. Agnew & Mark McJunkin, Arkansas State University*

The Kentucky Teacher Internship Program: An Innovative Program for First Year Agriculture Teachers - *David Coffey, Western Kentucky University*

It's Now a Breeze, Really: Teaching Technology at a Distance - *K. Dale Layfield, Clemson University*

Using Hand Held Electronic Responders to Induce Active Learning in the Classroom - *Barry Croom, North Carolina State University*

AgriScience Reform in Agricultural Education at Clemson University - *Salvatore A. Sparace, John R. Cummings, Thomas R. Dobbins, K. Dale Layfield, Christine Minor & Jerry A. Waldvogel, Clemson University*

AgBall: Using Football and the Internet to Teach Agriculture - *John C. Ricketts, Jason Peake, Dennis Duncan, Frank Flanders, & Emuel Aldridge, The University of Georgia*

Agri-Science for Teachers: A New Methods Course for the Agri-Science Laboratory - *John C. Ricketts, Dennis Duncan & Jason Peake, The University of Georgia*

Expanding the Magnitude of Research Using Teacher Consultants - *Jacquelyn Deeds, Walter Taylor, & Kirk Swartzel, Mississippi State University; Gary Wingenbach, Texas Tech University*

Technology on Wheels...I'll Take Mine to Go! - *Holly J. Kasperbauer, Texas A&M University*

Articulation in Agriculture: A Seamless Program of Success In Agricultural Education - *Brian Parr, Murray State University*

Middle School Students' Attitudes toward Math and Science - *Shannon H. Degenhart, Diana Mowen, Julie Harlin, Gary J. Wingenbach, & James R. Lindner, Texas A&M University*

**4:00 p.m. SAAS General Session** Conway Room/Peabody Hotel

**6:30 – 8:30 p.m. SAAS Reception** Statehouse Ballroom  
Convention Center

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**MONDAY, FEBRUARY 7**

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**7:30 a.m. Registration—Louisiana State University** Prefunction Area  
Peabody Hotel

**8:30 a.m. Concurrent SAERC Session II**

**8:30a.m. Concurrent Session II**

**Session D: Student Teaching** Ouachita Room

Chair: Marcus Comer, North Carolina A&T State University

Discussant: Gary Moore, North Carolina State University

Facilitator: Dwayne Pavelock, Sam Houston State University; Penny Haase-Wittler, Southern Arkansas University.

The Process of Supervision with Student Teacher Choice: A Qualitative Study - *Carrie A. Fritz & Michelle Stumbo, University of Tennessee*

A Profile of Cooperating Teachers and Centers in Oklahoma: Implications for the Student Teaching Experience in Agricultural Education – *R. Brent Young & M. Craig Edwards, Oklahoma State University*

Career Decisions of Pre-service Agricultural Education Teachers: A Synthesis of Research - *Steven J. Rocca & Shannon G. Washburn, University of Florida*

Challenges Expressed By Cooperating Teachers When Working With Students Teachers in Agricultural Education: A Delphi Study - *Carrie A. Fritz & Lori Jean Mantooth, University of Tennessee*

**Session E: Extension Programs and Personnel** Lafayette Room

Chair: Adam Kantrovich, Morehead State University

Discussant: Randol Waters, University of Tennessee

Facilitator: Elizabeth B. Wilson, North Carolina State University

Correlational and Predictive Attributes of Demographic Factors and Their Relationship to Hispanic Participation in Texas Extension Programs - *Ruben J. Saldaña, Texas Cooperative Extension Service; David Lawver, Texas Tech University; James Lindner & Scott Cummings, Texas A&M University; Hansel Burley & Marvin Cepica, Texas Tech University*

Factors Contributing to Volunteer Administration Leadership Proficiency of Southern Region 4-H County Faculty - *Nicole L. P. Stedman, Texas A&M University; Rick D. Rudd, University of Florida*

Characteristics of Creative County Extension Programs in Texas: Comparison of Administrative Perceptions to Observations in Identified Creative Programs - *Michael Womack, Texas Cooperative Extension Service; Matt Baker, Texas Tech University; Kim E. Dooley, Texas A&M University*

The Relationships between Selected Demographic Factors and the Level of Job Satisfaction of Extension Agents - *Meagan Scott, Kirk A. Swortzel & Walter N. Taylor, Mississippi State University*

**Session F: Leadership and Youth Development** Harris Room

Chair: Dennis W. Duncan, University of Georgia

Discussant: James Leising, Oklahoma State University

Facilitator: Nicole Stedman, Texas A&M University

Challenges Of Service-Learning in a Southern State's 4-H Youth Development Program: A Delphi Study - *Lori Jean Mantooth & Carrie A. Fritz, University of Tennessee*

The Impact of Socioeconomic Status on Leadership Potential in an Agricultural Leadership Program - *Leah J. Wall, Timothy J. Pettibone & Kathleen D. Kelsey, Oklahoma State University*

Selected Texas Agricultural Organization Board Members' Perceptions of Communication Methods and the 2002 Farm Bill - *Christa L. Catchings, Gary J. Wingenbach & Tracy A. Rutherford, Texas A&M University*

Benefits Of Service-Learning in a Southern State's 4-H Youth Development Program: A Delphi Study - *Lori Jean Mantooth & Carrie A. Fritz, University of Tennessee*

**10:00 a.m. Break**

**10:30 a.m. Concurrent SAERC Session III**

**Session G: Instructional Methods**

Ouachita Room

Chair: Carrie A. Fritz, University of Tennessee

Discussant: Jacque Deeds, Mississippi State University

Facilitator: Jason B. Peake, The University of Georgia-Tifton Campus

Reading Strategies and Textbook Use in Agricultural Education - *Travis Park & Edward W. Osborne, University of Florida*

Using CD-Based Materials to Teach Turfgrass Management: An Assessment of the "Turf for Texans" Master Gardener Curriculum - *Chyrel A. Mayfield & Gary J. Wingenbach, Texas A&M University; David R. Chalmers, Texas Cooperative Extension Service*

Effects of Investigative Laboratory Instruction on Content Knowledge and Science Process Skill Achievement across Learning Styles - *Brian E. Myers & James E. Dyer, University of Florida*

Effects Of Lecture Versus Experiential Teaching Method On Cognitive Achievement, Retention, And Attitude Among High School Agriscience Students - *Linda Ann Newsome, George W. Wardlow & Donald M. Johnson, University of Arkansas*

**Session H: Learning Styles and Learning**

Lafayette Room

Chair: John Ricketts, University of Georgia

Discussant: Barry Boyd, Texas A&M University

Facilitator: Holly Kasperbauer, Texas A&M University

The Influence of Learning Style, Leadership Style, and Leadership Adaptability on Critical Thinking Disposition - *Kimberly A. Bellah & James E. Dyer, University of Florida*

The Effects Of Multimedia Cues On Student Cognition In An Electronically Delivered High School Unit Of Instruction - *Todd Brashears, Cindy Akers & James Smith, Texas Tech University*

The Influence of Student Learning Experience Level and Learning Style on Achievement – *T. Grady Roberts, Texas A&M University*

A Comparison Of Commonwealth Accountability Standardized Test Scores Between High School Agricultural Education / Career And Technical Education Students And The

Kentucky State Standards - *Brian Parr, Jay A. Morgan & Catherine Woglom, Murray State University*

**Session I: Mentoring**

Harris Room

Chair: Jay Morgan, Murray State University  
Discussant: David Coffey, Western Kentucky University  
Facilitator: Diana Mowen, Texas A&M University

College Of Agriculture Faculty Perspectives in Their Role as Advisor and Mentor - *Robin L. Peiter & Beth Dukes, University of Kentucky*

Factors Related to the Effectiveness of Progress toward Degree Regulations - *Elizabeth B. Wilson & Barbara M. Kirby, North Carolina State University*

Coverage and Outcomes of the Space Agriculture in the Classroom Program - *Glenn D. Israel, Jennifer M. Richardson, Edward W. Osborne, Shannon G. Washburn & James E. Dyer, University of Florida*

Student Advising and Mentoring in a College Of Agriculture: Examining Faculty and Administration Attitudes - *Robin L. Peiter & Beth Dukes, University of Kentucky*

**12:00 p.m. SAEC Luncheon** Peabody Ballroom Salon C

Presiding: Adam Kantrovich, Southern Region AAE Alternative Vice-President  
Moment of Silence  
Memorial Recognitions  
Graduate Student Recognitions  
Speaker: Distinguished Mystery Lecturer

**1:30 p.m. SAEC Business Meeting** Ouachita Room

Presiding: James Smith, Texas Tech University, Southern Region AAE Vice-President  
SAEC Vice President: Randol Waters, University of Tennessee  
SAEC Secretary: Thomas R. Dobbins, Clemson University

**2:00-3:30p.m. SAAS Board of Directors Meeting** Miller Room  
(Kotrlik/Waters/Dobbins) Statehouse Convention Ctr

**2:45 p.m. Break**

**3:15 – 4:45 p.m. Professional Development Seminars** Peabody Ballroom Salon B

Chair: Barry Croom, North Carolina State University  
Chair, SAEC Professional Development Committee  
Facilitators: Kirk A. Swortzel, Mississippi State University; Shannon G. Washburn; Carrie A. Fritz, University of Tennessee; John C. Ricketts, The University of Georgia

- Innovative Professional Development for Teachers
- Undergraduate and Graduate Distance Education
- Agricultural Literacy

- Agricultural Leadership Programs
- Teaching the Integration of Academics and Career and Technical Education
- Teaching Teachers How to Cope With Misbehavior
- International Education

**5:30 p.m. SAERC Awards Reception** Peabody Ballroom Salon C

**TUESDAY, FEBRUARY 8**

**7:00 a.m. SAAS Board of Directors Meeting** Fulton Room  
Statehouse Convention Ctr

**8:30 a.m. Professional Development Seminars** Peabody Ballroom Salon B  
 Chair: Barry Croom, North Carolina State University  
 Chair, SAEC Professional Development Committee  
 Facilitators: Kirk A. Swortzel, Mississippi State University; Shannon G. Washburn;  
 Carrie A. Fritz, University of Tennessee; John C. Ricketts, The  
 University of Georgia

- Alternative Certification for Teachers
- Teacher Induction
- Innovative Teaching Ideas
- How to Prepare Articles for Acceptance in a Journal
- Research Agendas and Ideas

**10:00 a.m. Adjournment**