

**Southern Region Conference  
of the**



**2011 PROGRAM**

**Held in conjunction with the meeting of the  
SOUTHERN ASSOCIATION OF AGRICULTURAL SCIENTISTS (SAAS)**



**Hosted by:  
Department of Agricultural and Extension Education  
University of Arkansas**

**February 5 - 8, 2011 – Corpus Christi, Texas  
Omni Hotel Bayfront Tower/American Bank Center**

**Southern Association of Agricultural Scientists (SAAS)  
Agricultural Education Division Officers**

President and Conference Co-Chair: Don W. Edgar, University of Arkansas

Co-Chairs: Leslie D. Edgar & Donald M. Johnson, University of Arkansas

Vice-President: Rick Rudd, Virginia Tech

Past President: Craig Edwards, Oklahoma State University

**American Association for Agricultural Education (AAAE)  
Southern Region Officers**

Vice-President: Tim H. Murphy, Texas A&M University

Alternate Vice-President: Jason Peake, University of Georgia

Secretary: David Jones, North Carolina State University

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**Saturday, February 5**

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**3:00 – 6:00 p.m.      Registration ..... Bayfront Hotel Lobby**

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**Sunday, February 6**

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**8:00 – 10:00 a.m.      Registration ..... American Bank Foyer Room 225**

**8:00 – 9:00 a.m.      Graduate Student Breakfast ..... American Bank Bayview Ballroom D**  
(Preregistered students)

**9:15 – 9:45 a.m.      Vespers ..... American Bank Room 227**

**10:00 – 10:20 a.m.    Opening Session ..... American Bank Bayview Ballroom D**

**10:30 – 12:00 p.m.    Concurrent Research Session I**

**Session A: Agricultural Education: Improving Practice.....American Bank  
Room 225D/E**

- Relationships Between Agriculture Teaching Efficacy and Decision to Teach Among Agricultural Education Major  
*Catrina Kennedy, John Ricketts, & Dennis Duncan*
- Stress Levels of Agricultural Science Student Teachers and Cooperating Teachers  
*Billy R. McKim, John Rayfield, Julie Harlin, Andrew Adams, & Bart E. Gill*
- The Relationship between Cooperating Teachers' Leadership Style and Student Teachers' Satisfaction Level  
*Gaea Wimmer, Todd Brashears, & Scott Burris*
- Developing and Testing An Integrated Global Curriculum for an Introductory High School Agricultural Education Class  
*Katrina R. Sharp & T. Grady Roberts*

**Session B: Agricultural Education in Domestic & International Settings.....American Bank  
Room 227**

- The Interactions of Instructional Efficacy, Motivational Orientations, and Adult Characteristics on Tenure in the Florida Extension Master Gardener Program  
*Robert Strong & Amy Harder*
- A Balancing Act: Investigating Graduate Student and Advisor Relationships in Agricultural Leadership, Education, Extension, and Communications  
*Bart E. Gill, Mark Russell, & John Rayfield*
- Stages of Concern Profiles of Agricultural Technical School Teachers in Egypt for Implementing Student Internships  
*R. Kirby Barrick, Brian E. Myers, & Mohamed M. Samy*
- Corn Clubs: A Historical Inquiry  
*Cassie Uricchio, Michael Coley, & Gary Moore*

**Session C: Agricultural Education: Certification, Satisfaction & Innovation.....  
American Bank Room 226**

- A Non-Traditional Route to Teacher Certification: Testimonies from Four Teacher Aspirants in Agricultural Education  
*J. Shane Robinson, John J. Blackburn, & Marshall A. Baker*
- An Analysis of North Carolina Public School Superintendents' Awareness of Biotechnology and the Future of Biotechnology Education  
*Antoine Alston, Chastity Warren English, Malumebet Worku, & Guochen Yang*
- How Teacher Self-Efficacy and Job Satisfaction Changed During the Entry-Year of Employment of Agriculture Teachers: A Comparison of Certification Types  
*J. Shane Robinson & M. Craig Edwards*
- Entry-level Technical Skills that Teachers Expected Students to Learn through Participation in the Supervised Agricultural Experience (SAE) Component of Secondary Agricultural Education: A Modified Delphi Study  
*Jon W. Ramsey & M. Craig Edwards*

<b>12:00 – 1:30 p.m.</b>	<b>Luncheon .....</b>	<b>American Bank Room 225C</b>
<b>1:30 – 2:30 p.m.</b>	<b>SIGs .....</b>	<b>Bayfront Ballroom D</b>
<b>2:30 – 3:30 p.m.</b>	<b>BREAK .....</b>	<b>American Bank Foyer Room</b>
<b>2:30 – 4:00 p.m.</b>	<b>Research Poster Session .....</b>	<b>American Bank Foyer Room</b>

- A Longitudinal Study of Challenges and Threats from County Extension Program Reviews  
*Melissa Mazurkewicz & Amy Harder*
- Qualitative Approach to Multicultural Intelligences in Agricultural Education  
*Jonathan A. Tubbs, Bryan J. Hains, & Stacy K. Vincent*
- A Qualitative Examination of Successful Collaboration Among Extension Agents and Agricultural Science Teachers: Examples, Barriers, and Enabling Factors  
*Theresa Pesh Murphrey, John Rayfield, Julie Harlin, & Kimberley A. Miller*
- 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*
- An Analysis of Personality Types in Agricultural Leadership Programs  
*Allison Britton & Hannah Carter*
- Assessing the Impact of an Academic Internship  
*Mark Kistler & Jackie Bruce*
- Biodiesel Education: Effects on High School Students' Knowledge and Perceptions  
*Jason A. Davis, Ryan Siebenmorgen, Don Edgar, George W. Wardlow, & Donald M. Johnson*
- 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*

- Comparison of Participants' Satisfaction Levels of Food Safety Workshops Presented in U.S. and Mexico  
*Brittini Drennan, Landi Woolley Campbell & Todd Brashears*
- Critical Thinking Evidenced in Graduate Students Blogs  
*Viviana Giraud, Holly Cain, Nicole Stedman & Gregory Gifford*
- Difference in the Level of Synthesis of Leadership Life Skills Among 4-H Program Alumni  
*Jessica Anderson & Jackie Bruce*
- Do They or Don't They? Only their Agricultural Science Teachers Know for Sure  
*Kirk Edney*
- 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*
- Essential Agricultural Mechanics Skills for Beginning Agricultural Educators: A Delphi Approach  
*P. Ryan Saucier, Billy R. McKim & John D. Tummon,*
- Evaluating WLC Participants Perceived Knowledge of Authentic Leadership  
*Chaney Mosley, Tom Broyles, Whitney Danker, Lindsey Thomas, & Stephen Edwards*
- Exploring Teaching Efficacy of Pre Service Teachers Following the Student Teaching Internship Experience  
*Bart E. Gill, T. Grady Roberts, & Tim Murphy*
- Knowledge and Perceptions of Agriculture in Tennessee through Fall Agritourism  
*Jessica J. Poore & Bryan Q. Patterson*
- Leadership Styles of Two-Year Associate's Degree Students in Agriculture  
*Holly J. Kasperbauer, Jill N. Casten, Pavli Mykerezi, Joe Guthrie, & Rick Rudd*
- Long-term Goals: Assessing Results of Teacher Participation on Their Students  
*Quisto Settle & Tracy Irani*
- New Competencies to be Successful as an Extension Agent in Present Context  
*Dona Lakai, Jayaratne, Gary Moore, & Mark J. Kistler*
- Practices for Managing Animal Project Centers  
*Steven (Boot) Chumbley*
- 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*
- Student Teachers Reflection on Indicators of Engaged Learning  
*Christy Witt & Scott Burris*
- Teaching Beliefs of Excellent Undergraduate Professors  
*Aaron Giori & T. Grady Roberts*
- Teaching Locally, Engaging Globally: Examining Faculty Pre-Trip Attitudes and Beliefs  
*Jessica Kochert, Amy Harder, T. Grady Roberts, Nicole Stedman, & Marta Hartmann*
- Terminal Publication of AAAE Conference Papers  
*Nathan Conner, Christopher T. Stripling, & T. Grady Roberts*

4:00 – 6:00 p.m. SAAS General Session ..... Bayfront Nueces Ballroom A  
6:00 p.m. SAAS Super Bowl Reception .....Brewster Street Icehouse

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**Monday, February 7**

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8:00 – 10:00 a.m. Registration ..... American Bank Foyer Room

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

**Session D: Agricultural Communications .....American Bank Room 225A/B**

- Impact of Selected Factors on Perceived Efficacy of Twitter Use by Agricultural Communicators  
*Alyx Shultz, Susan Duncan, Cindy Akers, Scott Burris, & Todd Brashears*
- Agricultural Communications Training Needs Among Oklahoma Agricultural Educators  
Comparisons of Agriculture Instructor and Student Perceptions of Social Media in Education  
*Ashley Stockamp, Shelly Sitton & Denise George*
- Information and Communication Technology Tasks Required in Undergraduate Agriculture Courses  
*Cassandra Cox, Leslie Edgar, Karisha Munise, & Donald M Johnson*
- Comparisons of Agriculture Instructor and Student Perceptions of Social Media in Education.  
*Quisto Settle, Ricky Telg, Lauri M.Baker, Tracy Irani, Tracy Rutherford & Emily Rhodes*

**Session E: Agricultural Education: Math and Technology ....American Bank Room 225 D/E**

- Enhancing Collaboration among Math and Career and Technical Education Teachers: Is Technology the Answer?  
*A.Christian Morgan, Brian A. Parr, & Nicholas E Fuhrman*
- Animation: Friend or Foe in Today's Classrooms?  
*Ron D Koch, Don W. Edgar, & George Wardlow*
- Teachers' Use of Interactive Whiteboards in the Secondary Agricultural Education Classroom: Measures of Self-Efficacy, Outcome Expectations, Interest  
*J.C. Bunch, J. Shane Robinson & M. Craig Edwards*
- Florida Preservice Agricultural Education Teachers' Mathematics Ability and Efficacy  
*Christopher T. Stripling & T. Grady Roberts*

**Session F: Agricultural Education: Enhanced Learning ..... American Bank Room 226**

- Determining the Effect of a Science-Enhanced Curriculum on Agricultural Content Knowledge: A Causal Comparative Study  
*J. Chris Haynes, J. Shane Robinson, M. Craig Edwards, & James P. Key*

- Practical Implications for the Experiential Learning Theory in Agricultural Education: A Conversation with Dr. David A. Kolb  
*Marshall A. Baker & J. Shane Robinson*
- Effects of Inquiry-based Agriscience Instruction on Student Argumentation Skills  
*Andrew C. Thoron & Brian E. Myers*
- Does Cognitive Diversity in Groups Really Enhance Application?  
*Alexa J. Lamm, Catherine Shoulders, T. Grady Roberts, Tracy Irani, Lori Snyder, & Joel Brendemuhl*

**10:00 – 10:30 a.m.    BREAK ..... American Bank Foyer Room**  
**10:30 – 11:45 a.m.    AAAE Business Meeting I.....American Bank Room 225 D/E**  
**12:30 – 1:30 p.m.    Luncheon .....American Bank Room 225 A/B**  
**1:45 – 2:45 p.m.    Business Meeting II.....American Bank Room 225 D/E**  
**3:00 – 4:30 p.m.    Innovative Poster Session II..... American Bank Foyer Room**

- 4-H and Facebook: Can they Co-Exist?  
*Jessica Anderson & K.S.U. Jayaratne*
- A Little Birdie Told Me: Using Twitter as a Discussion Tool  
*Lauri M. Baker, Christy Chiarelli & Quisto Settle*
- A Mobile Classroom for Visual Communications on the Road in Arkansas: 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*
- A Model for Integrating Critical Thinking and Emotional Intelligence into Leadership Curricula  
*Jason Davison & Nicole Stedman*
- A Model for Program Planning and Evaluation for School-based Agriscience Education  
*Christopher M. Estep & Andrew C. Thoron*
- A Philosophical View for Using Second Life™ as a Teaching and Learning Tool  
*Allyson McGuire, Leslie D. Edgar, Don W. Edgar & Kristin Pennington*
- A Qualitative Evaluation of a Cross-Cultural Immersion Program for Extension Educators  
*Jenna Brown, Maria Navarro, Dennis Duncan, & Nick Fuhrman*
- Better Teamwork by Knowing Yourself & Other's Personalities  
*David Jones*
- Breaking Barriers for Beginning Hispanic Farmers and Ranchers  
*Stephanie Herreros, Robert Williams, Jose Lopez, Curtis Jones, & Mario Villarino*
- By Choice, Not By Chance Art Gallery Exhibit  
*Bill Riley & Stacy Vincent*
- Collegiate Leadership In Agricultural Student Organizations: Developing A Motivational Perspective  
*Andrea Andrews, Nicole Stedman, & Greg Gifford*

- 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*
- Differentiated Instruction for the Learning Disabled in the Ag Science Classroom: Agricultural Science Teachers' Professional Development  
*Michelle Pavelock & Theresa Murphrey*
- Evaluation Results of Pet Awareness With Children Animal Bite Prevention Program  
*Joel D. Ray & Michael E Newman*
- Giving a Face to your Agricultural Leadership Program  
*Avery Culbertson, Micah D. Scanga, & Hannah Carter*
- 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*
- Incorporating Socioscientific Issues into Agriculture Teacher Education Curriculum  
*Adrienne N. Gentry, Catherine W. Shoulders, & Brian E. Myers*
- Integrating 21st Century Technology in Secondary Agricultural Education Classrooms: GPS Professional Development Carousel Workshop  
*J. Shane Robinson & Jon W. Ramsey*
- Integrating Service-Learning into International Study Abroad Programs: Easy as PIE  
*Joelle Petrosky & Jennifer Williams*
- Leveraging Web 2.0 Programs to Increase Academic Retention  
*Michelle Santiago, Michael Lau, Art Wolfskill, & Maud Roucan-Kane*
- Maximizing Preservice Teacher Education: The Pre-Internship Block  
*Catherine W. Shoulders, Eric Rubenstein, & Brian E. Myers*
- Meet, Greet, Compete and Eat: Learning by Doing- Leadership Contest  
*Wendie Clubine & Robert Williams*
- Paving a Road to Success with the Agriculture /Academic Integration Project  
*Yvette Smith & Diana L. King*
- Preparing Undergraduate Students for Agricultural Advocacy  
*Chaney Mosley, Keyana Ellis, Michelle Greaud, Lisa Hightower, & Eric Kaufman*
- Preparing Young Leaders for Sustainable Agriculture Practices in West Virginia  
*John Lockhart, Matt Coe, & Douglas D. LaVergne*
- Sam's Big Adventure; An Innovative Educational Intervention for Children  
*Joel D. Ray, Susan Seal, & Michael Newman*
- Simulation: Innovations toward Bridging Social Cultures through Agricultural Education  
*Jonathan A. Tubbs, Stacy K. Vincent, & Bryan J. Hains*
- The Lesson Plan Blitz: Assisting Pre-Service Teachers Through Their Zone of Proximal Development  
*Cory Epler & Thomas Broyles*
- Tractor Technician Career Development Event: Classroom Instruction to Career Opportunities  
*P. Ryan Saucier, G. Curtis Langley, William R. Harrell, & John D. Tummons*

- Using Professional Identity to Enhance Agriculture Teacher Professional Development  
*Catherine W. Shoulders & Brian E. Myers*
- You Are Fired. Using Reality Television to Enhance Student Engagement and Motivation Through Problem Based Learning  
*Christopher T. Stripling & Andrew C. Thoron*

**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

**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 Georgia.  
*Donald Gilman, Jason Peake, & Brian Parr*
- An Examination of Trust-Related Behaviors Important to Agricultural Stakeholders.  
*Kelsey Hall, David Doerfert, Courtney Meyers, Jon Ulmer, & Jarrott Wilkinson*
- Proposed Solutions Toward Inclusive Agricultural Education Programs.  
*Douglas D. LaVergne, Alvin Larke, Jr., Wash A. Jones, & Chandra D. Elbert*
- Multicultural Competence: A Case Study of Teachers and Student Perceptions  
*Stacy K. Vincent & Robert M. Torres*

**Session H    Extension and Outreach .....Bayfront Corpus Christi Ballroom A**

- Examining Adult Participation in a Statewide Nonformal Horticultural Program.  
*Robert Strong & Amy Harder*
- Refocusing Evaluation Efforts: Evaluating Extension Programs for Use Can Enhance Accountability Efforts.  
*Alexa J Lamm, Glenn D. Israel, & Amy Harder*
- A Quantitative Analysis of the Efficacy of a Cross-Cultural Immersion Program for Extension Educators.  
*Jenna Brown, Maria Navarro, Dennis Duncan, & Nick Fuhrman.*
- 4-H Volunteers Intent to Support Youth with Disabilities: An Elicitation Study.  
*M. Jo Monroe & Curtis R. Friedel*

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

- Economic Impact of Agricultural Mechanics Competition Projects in Kentucky and Factors that Predict Chapter Investment Value: State Returns from 2009-2010  
*Roger Hanagriff, Gary Briers, John Rayfield, Tim Murphy, & Doug Kingman*



- Student Perceptions of Instructional Methods Towards Alternative Energy Education  
*Clayton W. Sallee, Don W. Edgar, & Donald M. Johnson*
- Teachers' Use of Agricultural Laboratories in Secondary Agricultural Education  
*Catherine W. Shoulders & Brian E. Myers*
- Agricultural Mechanics Laboratory Safety: Professional Development Needs of  
Kentucky School-Based Agricultural Educators  
*P. Ryan Saucier, Stacy K. Vincent, & Ryan G. Anderson*

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

**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**