

2010 PROGRAM

SOUTHERN REGION CONFERENCE OF THE AMERICAN ASSOCIATION FOR AGRICULTURAL EDUCATION

HELD IN CONJUNCTION WITH THE MEETING OF THE SOUTHERN ASSOCIATION OF AGRICULTURAL SCIENTISTS



Hosted by:

**Oklahoma State University Department of Agricultural Education, Communications, and
Leadership and Auburn University Department of Curriculum and Teaching**

**February 6 - 9, 2010 – Orlando, Florida
Wyndham Orlando Resort**

**SOUTHERN REGION CONFERENCE
AMERICAN ASSOCIATION FOR AGRICULTURAL EDUCATION**

2010 HOST STATES: OKLAHOMA AND ALABAMA

*February 6-9, 2010
Wyndham Orlando Resort, Orlando Florida*

Southern Association of Agricultural Scientists (SAAS) Agricultural Education Division Officers
President and Conference Co-Chair: Craig Edwards, Oklahoma State University
Co-Chairs: Shane Robinson, Penny Pennington-Weeks Oklahoma State University, Brian Parr, Auburn University
Vice-President: Rick Rudd, Virginia Tech
Past President: Dennis Duncan, University of Georgia

American Association for Agricultural Education (AAAE) Southern Region Officers
Vice-President: Beth Wilson, North Carolina State University
Alternate Vice-President: Todd Brashears, Texas Tech University
Secretary: John Ricketts, University of Georgia

SATURDAY, FEBRUARY 6

3:00 – 6:00 p.m. Registration.....Palms Ballroom Foyer

8:00 – 9:00 p.m. Icebreaker Reception..... Garden Room

SUNDAY, FEBRUARY 7

8:00 - 10:00 a.m. Registration.....Palms Ballroom Foyer

8:00 - 9:00 a.m. Graduate Student Breakfast (must have preregistered to attend)..... Garden Room

9:15 - 9:45 a.m. Vespers Service.....Palms Ballroom Salon I

10:00 - 10:20 a.m. Opening SessionJasmine

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

Session A: Curriculum Enhancement and Integration..... Azalea Room

An Assessment of the Animal Science Technical Skills Secondary Agricultural Education Graduates need for Employment in the Animal Science Industry: A Delphi Study

Variable Relationships Affecting Agriscience Teachers' Stages of Concern for Content Area Reading Strategies

Agriscience Teachers' Concern Profiles for Content Area Reading Strategies

Session B: Extension Education, 4-H, and Adult Volunteers..... Palms Ballroom Salon D

The Influence of Past Experiences on the Motivation of Adult Volunteers

Identifying Outcomes from Participation in a Cooperative Extension County Program Review

A Content Analysis of Teen 4-H Member Responses in Relation to the Factors that Affect Their Involvement in {State} 4-H Programming

Adults' Level of Teaching Efficacy and Demographic Characteristics as Volunteer Educators for Their Local Cooperative Extension Master Gardener Program

Session C: Agricultural Communications.....Palms Ballroom Salon I

A Comparison of Perceived Knowledge Levels for Participants of Agricultural Communications Workshops

The Relationship between Changes in Self-efficacy and Career Interest for Participants of an Agricultural Communications Workshop

Agricultural Communication Students' Perceptions, Knowledge and Identified Sources of Information about Agritourism

12:00 - 1:30 p.m. **AAAE Regional Committee Meetings**
(all members are welcome and encouraged to attend committee meetings)

Professional Development Committee* Mark Kistler - Chair Grady Roberts - Sec Jay Morgan Hanna Carter Chris Morgan	Azalea Room
Program Improvement Committee* David Jones - Chair Jennifer Williams - Sec. Amy Harder John Kessell Leslie Edgar Diana King	Palms Ballroom Salon I
Research Committee* Nicole Stedman - Chair John Rayfield - Sec. Jimmy Lindner Don Edgar Brian Myers Eric Kaufman	Palms Ballroom Salon D
Member Services Committee* John Ricketts - Chair Carrie Stephens - Sec. Jason Peake Kirk Swortzel Brian Parr Phil Frabel	Hibiscus

1:30 - 2:30 p.m. **SIGS..... Garden Room**

- Ag Communication
- Ag Leadership
- Ag Education in Domestic and International Settings: Extension & Outreach
- Ag Education in University and Postsecondary Settings
- Ag Education in Schools

2:00 – 2:30 p.m. Innovative and Research Poster Set-Up..... Palms Ballroom Salon E

2:30 – 4:00 p.m. Innovative and Research Poster Session Palms Ballroom Salon E

Research Posters

Understanding the Intended Outcomes and Impacts of Agricultural Leadership Development Programs

L. Rochelle Strickland, Hannah Carter, Amy Harder, Grady Roberts, & Allen Wysocki, University of Florida

Using Mathematics Enrichment Activities in Preparation for the Agricultural Mechanics CDE

What is Agriculture?: Graduate Students' Knowledge of Agriculture

Rachel Valenti, Megan Forman, & Julie Harlin, Texas A&M University

What is Agriculture?: Graduate Students' Opinions of Agriculture

Rachel Valenti, Megan Forman, & Julie Harlin, Texas A&M University

What is the Role for Agricultural Education in Interdisciplinary Leadership Education Programs?

Eric K. Kaufman, Virginia Tech

Georgia Middle School Principals' Familiarity with Middle School Agricultural Education Programs

Quinton Haddock, Jason Peake, University of Georgia, Brian Parr, Auburn University & Dennis Duncan, University of Georgia

A Comparison of Ethnicities in Perception and Behavior of Food Safety Practices

Ms. Helen Barela, Dr. Todd Brashears, Texas Tech University

A Look Inside: Self-leadership Perceptions of Non-formal Educators

Kristina G. Ricketts, University of Kentucky, Hannah S. Carter, University of Florida, Nick T. Place, University of Maryland Extension

A Model for Improving Faculty Instruction in Colleges of Agricultural & Environmental Sciences

Jason B. Peake, Diana L. King, University of Georgia, Brian A. Parr, Auburn University

An Evaluation of Pre Service Teachers' Undergraduate Coursework in Relation to STEM Integration within Agricultural Science Curricula

Bart E. Gill, & Andy Adams, Texas A & M University

Analyzing Social Networks in Pre service Teacher Education

Bart E. Gill, Tim Murphy, Texas A & M University, T. Grady Roberts, University of Florida

Attitudes and Educational and Career Choices of Food and Agricultural Sciences
Institute Participants

*Paula E. Faulkner, North Carolina Agricultural and Technical State University, Connie
D. Baggett, Cathy F. Bowen, Blannie E. Bowen, The Pennsylvania State University*

Characteristics of Missouri Agricultural Mechanics Programs: A Generational
Review

*P. Ryan Saucier, Robert Terry, Jr., and Leon G. Schumacher
University of Missouri*

Factors Motivating Members of a Farm Bureau in a Southern State to Participate in
the Policy Development and Implementation Process

Katelyn Crow Landrum & Nicole Stedman, University of Florida

Identifying the Preferred Leadership Style of Secondary Agricultural Educators

John L. Hall, & Gary E. Briers, Texas A&M University

Integrating Research-Based Knowledge Objects into Academic Program Evaluation

*Melissa Mazurkewicz, Alexa Lamm, Amy Harder, Hannah Carter, University of
Florida*

Perceptions of Instructional Methods in Biofuel Education of Secondary Students

Clayton W. Salle, Don W. Edgar, & Donald M. Johnson, University of Arkansas

Selected Demographic and Personal Characteristics of Secondary Agricultural
Education Teachers in Texas

*Douglas D. LaVergne, West Virginia University, Alvin Larke, Jr, Texas A&M
University, Wash A. Jones, Prairie View A&M University, Chanda D. Elbert, Texas
A&M University*

The Facebook Factor: Social Media in a Graduate Course

Quisto Settle, Ricky Telg, & Tracy Irani, University of Florida

The Impact of Cognitive Load On the Critical Reflection of Pre-service Teachers

*Cory M. Epler, Jessica Waknine, & Thomas W. Broyles, Virginia Polytechnic
Institute and State University*

The Relationship of Motivational Orientation Constructs on Adult Participation in the
Cooperative Extension Master Gardener Program

Robert Strong & Amy Harder, University of Florida

Tips from the Trenches: Teaching Advice for Beginning Academics

Kelsey Hall & Courtney Meyers, Texas Tech University

Innovative Idea Posters

Utilizing Virtual Field Trips in Preservice Teacher Education
Catherine W. Shoulders & Brian E. Myers, University of Florida

A Tool for Differentiation: Making Curriculum Accessible for All Students
R. G. Easterly III, Penny R. Cox, & Brian E. Myers, University of Florida

Agricultural Mechanics Professional Development through Summer Technical Institutes
P. Ryan Saucier & John D. Tummons, University of Missouri

An Evaluation of Hurricane Ike Recovery: A Collaboration Opportunity for Extension Evaluation
Scott R. Cummings, Billy R. McKim, Paul Pope, & Shannon H. Degenhart, Texas A&M University

Bloggging in the Classroom: Three Pedagogical Approaches to Using Blogs for Reflection
Greg Gifford, Nicole Stedman, & Karen Cannon, University of Florida

Bookworm Basics: Training Teen Volunteers at Athens Drive Community Library
Jessica Anderson, Lauren Mouton, & Jacklyn Bruce, North Carolina State University

Bringing Experience Into the Classroom Through the Use of Blogs
Wendy J. Warner, North Carolina State University & Ann M. De Lay, California Polytechnic State University

Collaborating to Reach Untapped Populations with Recruitment Efforts
Diana L. King, University of Georgia

College of Agricultural and Life Sciences Leadership Institute (CALSLI)
H. Charlotte Emerson & R. Kirby Barrick, University of Florida

Collegiate Leadership: Developing a Global Perspective on Agriculture Education
Andrea Lauren Andrews, H. Charlotte Emerson, & Nicole Lamee Perez Stedman, University of Florida

Cooperative Extension Strategic Planning: Researching the Big Picture
Donna Moore, Lisa Hightower, & Rachel Saunders, Virginia Tech

Cooperative Extension Strategic Planning: Researching the Process
Donna Moore, Lisa Hightower, & Rachel Saunders, Virginia Tech

Creating Partnerships Between United States Agriscience Teacher Ambassadors and Egyptian Agricultural Technical School Teachers
Catherine W. Shoulders, Brian E. Myers, & R. Kirby Barrick, University of Florida

Cross Cultural Immersion in Cooperative Extension: An Analysis of a [State] Program
Jenna Brown, Maria Navarro, & Dennis W. Duncan, University of Georgia

Designing Programs for Faculty Instructing Students with Learning Disabilities
Sallie Ann Sims, Nicole Stedman, & T. Grady Roberts, University of Florida

Developing a Conceptual Model for a Teaching Methods Course
T. Grady Roberts, Christopher T. Stripling, & Christopher M. Estep, University of Florida

Developing a Diversified Program: The Madison County 4-H Youth Outreach Project
Billy F. Zanolini, Texas A&M University, & Douglas D. LaVergne, West Virginia University

Developing a Leadership Assessment Instrument for Cooperating Teachers
Gaea Wimmer, Todd Brashears, & Scott Burris, Texas Tech University

Developing A Preservice Agricultural Mechanics Curriculum Utilizing Teacher Partnerships
Stephen Edwards, Jolene Hamm, Thomas Broyles, & Andy Seibel, Virginia Tech

Dual Credit: Transition to College
Alanna L. Neely & Cliff Ricketts, Middle Tennessee State University

Extreme Agricultural Education: Identifying Innovative Agricultural Education Programs That Address New Markets
John Rayfield, Tim Murphy, Gary Briers, Julie Harlin, Alvin Larke, & Andy Adams, Texas A&M University

FOCUSed on “You for 2”
Elizabeth J. Gray & Barbara M. Kirby, North Carolina State University

Implementing a Workshop Evaluation Instrument Based on Satisfaction Attainment Theory
Jennifer Spraberry, Mark Russell, & Todd Brashears, Texas Tech University

Modeling Service Learning in the Undergraduate Classroom
Bart E. Gill, Andy Adams, & Tim Murphy, Texas A & M University

Recruiting Future Agricultural Education Students into the Teaching Profession: The Development of an AGED CDE
Mandy Jo Campbell & J. Shane Robinson, Oklahoma State University

Teaching Controversial Issues Through Guided Group Discussion – An Approach To Cognitive Dissonance And Conceptual Change
Chaney W. Mosley & Thomas W. Broyles, Virginia Polytechnic Institute and State University

The Need for Alternative Fuels and Bioenergy in the 21st Century: Implications for Secondary Agricultural Education Curriculum Integration
Lee H. Blanton, J. Shane Robinson, M. Craig Edwards, & Ray L. Huhnke, Oklahoma State University

Transforming Education in Agriculture for a Changing World
R. Kirby Barrick, University of Florida

Transforming Leaders through International Experiential Learning: A Synergistic
Collaboration between Nonprofit and Academia
Jill Casten, Virginia Tech, & Marty Tatman National FFA Organization

Understanding Disabilities through Experience in Agriculture Education Classrooms
Adrienne N. Gentry & Brian E. Myers, University of Florida

Using Expectancy Theory to Guide Peer Evaluation
Eric K. Kaufman, & Holly J. Kasperbauer, Virginia Tech

Using Farm Tours to Enhance the Graduate Student Experience
Katie M. Abrams, Andrew C. Thoron, & L. Rochelle Strickland, University of Florida

Using Interactive Whiteboards in the Agricultural Education Classroom: How Student
Teachers are Using this Technology—Possible Implications for Teacher Educators
*J.C. Bunch, Jeffrey H. Whisenhunt, M. Craig Edwards, J. Shane Robinson, & Jon W.
Ramsey*

Using Q-methodology to Measure Student Teacher Perceptions while Interning:
Implications for Formative Assessment
Sheyenne Krysher & J. Shane Robinson

Utilizing Industry Experts to Provide Enhanced Agricultural Mechanics Skills to
Secondary Instructors

- 2:30 - 3:30 p.m. SAAS Board of Directors Meeting..... Longboat**
(Craig Edwards/Rick Rudd/John Ricketts)
- 4:00 p.m. SAAS General SessionJasmine**
- 6:00 p.m. SAAS Reception - Super Bowl Party Poolside Pavilion/ Garden Room**

7:30 a.m. Registration.....Palms Ballroom Foyer

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

Session D: Standardized Testing and Student Achievement Azalea Room

Agricultural and Natural Resource CTE Programs and Science Achievement: How Does It Compare with Other CTE Programs?

A Study of Pre-service Agricultural Education Students: Knowledge of Horticulture and Self-efficacy to Teach Horticulture

Impact of Gender, Ethnicity, Year in School, Social Economic Status, and State Standardized Assessment Scores on Student Content Knowledge Achievement When Using Vee Maps as a Formative Assessment Tool

**Session E: Diversity Issues and Opportunities in
Agricultural and Extension Education Palms Ballroom Salon D**

Secondary Agricultural Educators: How Prepared Are They To Provide An All Inclusive Learning Environment?

Analyzing The Attitudes Of Agricultural Education Teachers On Diversity Inclusion In Secondary Agricultural Education Programs

A Comparison of Ethnicities in Perception and Behavior of Food Safety Practices in the Home

Session F: College TeachingSiesta

Effective Teaching: A Phenomenological Investigation of Award Winning Faculty Instructors

The Relationship between Experience and Self-Perceptions of Knowledge and Relevance of Teaching Competencies for Faculty in a College of Agricultural and Life Sciences

Evaluating Cognitive Relationships: Identifying How Critical Thinking, Problem Solving, and Learning Styles Relate in Agricultural Education

Scientific Basis vs. Contextualized Application Of Knowledge: The Effect Of Teaching Methodology On The Achievement Of Postsecondary Students In An Integrated Agricultural Biotechnology Course

Session G: Professional Development and Inservice Opportunities Biscayne

Professional Development In-service Needs of [State] Agricultural Educators

Feasibility of using the Modified Matrix Analysis as a Method for Developing Workshop Content

An Analysis of National Agriscience Teacher Ambassadors' Stages of Concern Regarding Inquiry-Based Instruction

Identifying Concerns of Preservice and Inservice Teachers

10:00 - 10:30 a.m. Break Palms Ballroom Salon E

10:30 - 11:45 a.m. AAAE – SRC Business Session I..... Palms Ballroom Salon D

12:00 - 1:30 p.m. Conference Luncheon..... Garden Room

1:45 – 2:45 p.m. AAAE – SRC Business Session II Palms Ballroom Salon D

**3:00 – 5:00 p.m. Dynamics of Distance
Education in Agriculture Disciplines..... Palms Ballroom Salon D**

TUESDAY, FEBRUARY 9

7:00 a.m. SAAS Board of Directors Meeting..... Oleander B
(Craig Edwards/ Rick Rudd/ John Ricketts)

8:00 - 9:30 a.m. Concurrent Research Session III

Session H: Leadership Skills, Development, and DecisionsAzalea

The Impact of Organizational Source Credibility and the Factors that Contribute to Opinion Leaders' Decisions to Diffuse Information

Leadership and Decision-Making Life Skill Development

Societal Impacts of Leadership Development in College Students: The Interaction of Motivation, Political Skill and Gender

Leadership Strategies Associated with Farmer Adoption of Best Management Practices in a Water Management Province

Session I: Factors Affecting Secondary and Extension Agricultural Educators' Teaching Experiences..... Palms Ballroom Salon D

An Analysis of the North Carolina Cooperative Extension Service's Role in Bridging the Digital Divide

An Evaluation of Successful Collaboration between Agricultural Science Teachers and Extension Agents in [state]

Meaning Early Career Agriculture Teachers Ascribe to their Time

9:30 - 10:00 a.m. Break Tangerine B

10:00 - 11:15 a.m. Professional Update Palms Ballroom Salon B

11:30 – 1:00 p.m. Awards Luncheon Palms Ballroom Salon H/I

S-AAAE Conference Adjourns after Lunch
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1:00 – 5:00 p.m. National Research Agenda Leadership Meeting.....Longboat