

SOUTHERN REGION CONFERENCE
AMERICAN ASSOCIATION FOR AGRICULTURAL EDUCATION

2008 HOST STATE: NORTH CAROLINA

February 2-5, 2008
Adam's Mark Hotel –Dallas, Texas

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

President and Conference Chair: Antoine Alston, North Carolina A & T State University

Research Meeting Chairs: James Flowers & Gary Moore, NC State University

Vice-President: Dennis Duncan, University of Georgia

Secretary: Craig Edwards, Oklahoma State University

American Association for Agricultural Education (AAAE) Southern Region Officers

Vice-President: James Dyer, University of Florida

Alternate Vice-President: Adam Kantrovich, Michigan State University

Secretary: Elizabeth Wilson, NC State University

SATURDAY, FEBRUARY 2

3 - 6 p.m. **Registration** – John Rayfield, NC State University **Grand Hall**

8:00 –
8:30 p.m. **Icebreaker Reception** – **Press Club**

Facilitator: Antoine Alston

8:30 -
9:30 p.m. **TAPS (Tenure & Promotion Session)** **Press Club**
An Administrative & Faculty Perspective

Presiding: **Elizabeth Wilson**, NC State University

Speakers: Dr. James Leising, Oklahoma State University
 Dr. Donna Graham, University of Arkansas
 Dr. Barry Croom, NC State University

9:30 –
10:30p.m. **Late Registration** – John Rayfield, NC State University **Grand Hall**

SUNDAY, FEBRUARY 3

8:00 -
10:00a.m. **Registration** – John Rayfield, NC State University **Grand Hall**

**8:00-9:00a.m. Graduate Student Breakfast
Communications Vespers Service Press Club**

Presiding: David Jones, NC State University
Speaker: Rick Rudd, Virginia Tech University
Facilitator: Sarah Brierton, NC State University

9:15-9:45a.m. Vespers Service Dallas Ballroom A2

Presiding: James Flowers, NC State University
Facilitator: Curtis White, Clemson University

10:00 - 10:20a.m. Opening Session Dallas Ballroom A3

Presiding: Antoine Alston, NC A&T State University
Call To Order : James Dyer, University of Florida
Welcome: Antoine Alston, NC A&T State University
Remarks: Dennis Duncan, SAAS Division Vice-President (Outstanding Paper Selection)
Gary Moore, Research Meetings
Jason Peake, Poster Sessions
Facilitators: Chastity Warren English, NC A&T State University
Rusty Miller, NC A&T State University

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

Session A: Extension Education City View 1

Chair: Christopher Mathis, South Carolina State University
Discussant: Gary Jackson, Mississippi State University
Facilitator: Rick Maxwell, Texas Cooperative Extension Service

Relationships Between the Perceived Characteristics of E-Extension and Barriers to Its Adoption
Amy Harder, University of Florida & James Lindner, Texas A&M University

Influences on Florida Agricultural Extension Agents' Decisions to Remain in the Extension Organization

Shannon Arnold, University of Florida; Nick Place, University of Maryland; Ed Osborne, University of Florida; Glen Israel, University of Florida & Sandra Tenbroeck, University of Florida

Extension Agents' Educational Preferences for Learning About Conservation Tillage Systems

K. S. U. Jayaratne, North Carolina State University; Julia W. Gaskin, University of Georgia; R. Dewey Lee, University of Georgia; D. Wayne Reeves, USDA ARS & Gary Hawkins, University of Georgia

Session B: Teacher Preparation..... City View 2

Chair: Shane Robinson, Oklahoma State University
Discussant: George Wardlow, University of Arkansas
Facilitator: Tanya Franke, Oklahoma State University

Cooperating Teachers' Perceptions of Student Teachers' Learning Gaps in FFA, Leadership Development, SAE and Program Management

Amy Crump, Habersham Central High School (Georgia); John C. Ricketts, University of Georgia; Dennis W. Duncan, University of Georgia and Jason B. Peake, University of Georgia

Perspectives of Successful Agricultural Science and Technology Teachers on their Preparation to Teach Agricultural Mechanics

Richard K. Ford, Glen C. Shinn, Texas A&M University & David E. Lawver, Texas Tech University

Structured Communication: Effects on Student Teacher – Cooperating Teacher Relationships

Don W. Edgar, South Dakota State University; T. Grady Roberts, Texas A&M University & Tim Murphy
Texas A&M University

Exploring The Effects of Structured Communication on Teaching Efficacy of Student Teachers and Student Teacher – Cooperating Teacher Relationships

Don W. Edgar, South Dakota State University; T. Grady Roberts, Texas A&M University & Tim Murphy, Texas A&M University

Session C: Secondary Agricultural Education ProgramsDallas Ballroom A2

Chair: Thomas Broyles, Virginia Tech
Discussant: Todd Brashears, Texas Tech University
Facilitator: Rebecca McGovney-Ingram, Texas A&M University

Secondary Agricultural Science as Content and Context for Teaching

T. Grady Roberts, Texas A&M University & Anna L. Ball, University of Florida

Identifying Early Career Secondary Agriculture Teachers' Needs and Preferences of Support

Ann M. De Lay, University of Florida & Shannon Washburn, University of Florida

Quality Indicators of Secondary Agricultural Education Programs

Charles Cordell Jenkins, III, Rolla Technical Institute (Missouri) & Tracy Kitchel, University of Kentucky

12:00 - Brown Bag Luncheon & Committee Meetings (Lunch will be delivered to Press Club)
1:30 p.m.

AAAE Regional Committee Meetings

Professional Development Committee*

Nicole Stedman - Chair
Jay Morgan
Robin Horstmeier

City View Room 1

Program Improvement Committee*

Jason Peake - Chair
Kathleen Kelsey
Dennis Duncan
David Jones

City View Room 2

Research Committee*

Grady Roberts - Chair
Mark Kistler
Tracy Kitchel
Scott Burris
John Rayfield
Anna Ball

Dallas Ballroom A2

Member Services Committee*

Adam Kantrovich
Kirk Swortzel
Curt Friedel

Press Club

*Function and Duties of the Standing Committees are found at the end of this program.

**1:30 –
2:30p.m.**

SIGS

Press Club

Facilitator: James Dyer

- 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 –
2:30p.m.**

Innovative and Research Poster Set-Up

Grand Hall

Chair: Jason Peake
Facilitator: K.S.U. (Jay) Jayaratne

**2:30 –
4:00p.m.**

Innovative and Research Poster Session

Grand Hall

Research Posters

Student Attitudes vs. Technology Barriers: Who Wins??? - *Sara Brierton & David Jones, North Carolina State University*

The Effectiveness of a Dynamic Interdisciplinary Food Safety Curriculum Targeted on Middle School Students in Tennessee – *Sarah Johnson & Carrie Fritz, University of Tennessee*

What Affects Changes in Middle School Students' STEM Interests and Beliefs? *Shannon H. Degenhart, Gary J. Wingenbach, Diana L. Mowen, James R. Lindner & Larry Johnson, Texas A&M University*

Enhancing Preservice Agriculture Teachers' Reflective Practice Using the Structured Field Experience – *Ann Marie De Lay, Shannon G. Washburn & Anna L. Ball, University of Florida*

Needs Assessment for the Virginia Farm Bureau Federation Young Farmers Program: Who are Young Agriculturist in Virginia – *Rose Bradshaw, Virginia Tech, Doug Stoughton, Virginia Farm Burea;, Rick Rudd, Virginia Tech*

Is a Sense of Community Important to Distance Students? – *Rene P. Miller, Texas Tech/Texas A&M, Kim E. Dooley, Texas A&M University; David L. Doerfert, Texas Tech University; Theresa Pehl Murphrey, Texas A&M University; Scott H. Burris, Texas Tech University; Larry M. Dooley, Texas A&M University*

A Demographic Analysis of FFA Members' Chapter Leadership Engagement – *Brittany Wilkinson, Cameron White & Robin Peiter Horstmeier, University of Kentucky*

Keep the “Science” in Agriscience: The Importance of Science Integration into Agricultural Education – *Tiffany L. Johnston & T. Grady Roberts, Texas A&M University*

A Summation of the Preparation Level of First and Second Year Kentucky Agricultural Education Teachers – *Robin Peiter Horstmeier, University of Kentucky; Stacy K. Vincent, Murray State University; Amber Houck, University of Kentucky; Jay Morgan, Murray State University*

Factors Likely to Create Safety-Conscious Equestrians in the 4-H Horse Program – *Courtney Hathaway & John Rayfield, North Carolina State University*

The Effects of Reading Strategies upon Student Achievement Through the Content Area of Agricultural Education – *J. Chris Wilder, Williston High School; Anna J. Warner & Brian E. Myers, University of Florida*

Strategies Used by Agricultural Science Teachers to Serve Secondary Students with Disabilities – *Bob Williams, Texas A&M University Commerce; Terri Phillips, Corsicana Independent School District; Misty Lair & Erin Wilson, Texas A&M University Commerce*

Codifying the Wisdom of Expert Teacher Practice in Agriscience Fair Projects – *Brian Myers & Anna L. Ball, University of Florida*

Who is Living Where: An Assessment of Students Volunteering to Live in a Residential Learning Community or other On-Campus Resident Housing – *Steele Hogue & Todd Brashears, Texas Tech University*

Extension Education within the Land-Grant University System – *Matt Benge, Diane Mashburn & Amy Harder, University of Florida*

Providing a Safer Consumer Product: Will Beef Cattle Producers Take the Next Step – *Laura Lemons & Todd Brashears, Texas Tech*

Seven Years of Stakeholder Evaluation Trends Regarding Experiential Learning – *Sarah Bachman, Barry A. Garst & Nicholas E. Fuhrman, Virginia Tech*

An Assessment of Minor Crop Producers' Extension and Education Needs – *Tanya C. Franke, Kathleen D. Kelsey & Tom Royer, Oklahoma State University*

Understanding the Strengths of our Future Agricultural Leaders – *Eric K. Kaufman & Thomas W. Broyles, Virginia Tech*

Student Teacher Data Collection Yields Positive Results – *John Ricketts & Jason Peake, University of Georgia*

Assessing the Employability Skills of Graduates in Hard vs. Soft Disciplines in a College of Agriculture – *J. Shane Robinson, Oklahoma State University*

Experiences of First Year Agricultural Education Teachers – *Robin Peiter Horstmeier, Cameron C. White & Amber M. Houck, University of Kentucky*

Experiences Agricultural Education Student Teacher Interns – *Amber M. Houck, Cameron C. White & Robin Peiter Horstmeier, University of Kentucky*

Gender Differences Among Agricultural Education Instructors' Attitudes Toward Information Technology – *Ryan Anderson, Murray State University; Rusty Miller, North Carolina A&T; Bob Williams, Texas A&M Commerce; Marshall Swafford, Lindsey High School; Kristy Brooks, Round Rock High School*

Implications of Maintenance and Motivator Factors on Extension Agent Turnover – *Robert Strong & Amy Harder, University of Florida*

Innovative Posters

Health Rocks! as a Leadership Tool – *Shanna Holder, Landon Summers, Jacquelyn Deeds & Susan Holder, Mississippi State University*

Future Agricultural Education Teacher Academy – *Jon W. Ramsey & Karie M. Smith, Oklahoma State University*

The Use of Action Research in a Reformed Pre-service Teacher Preparation Program – *Thomas W. Broyles, Rachel M. Morgante-Richmeier & Edward W. McCann Jr., Virginia Tech*

Developing a Comprehensive Recruiting Program: The Top Ten Things Deans / Department Chairs Should Know About Recruitment – *Lucas Dee Maxwell, University of Florida*

Save the Water! A Master Gardener Musical-Comedy with a Message – *Pat Grace, Virginia Tech*

Professional Development for Tractor and Machinery Certification – *Robert L. Williams Erin Wilson & Misty Lair, Texas A&M Commerce*

Program Evaluation and Development in Agricultural Leadership for FFA Officers – *John Lindsey, Worth County High School; Jamie Stevens, Lee County High Middle School; Dennis Duncan & John C. Ricketts, University of Georgia*

Internet Educational Games: Teaching Agriculture in the Digital World – *John C. Ricketts, Dennis Duncan & Frank Flanders, University of Georgia*

AgTube: Using Video Clips as a Pedagogical Tool to Teach Agriculture – *Dennis Duncan, John C. Ricketts & Frank Flanders, University of Georgia*

Student Success Workshop Series: A Student Retention Strategy Facilitated Through University Collaboration - *Amanda Lee, Barbara M. Kirby, Angel Johnson & Alease Hancock, North Carolina State University*

Reel me in! Using Movies to Reinforce Foundations in Teaching and Learning – *Amber M. Houck, Cameron C. While, Derek J. Smith & Robin Peiter Horstmeier, University of Kentucky*

The Big City, Big County Road Show Recruitment Model – *Lacey Brienne Frazee, Texas A&M University*

Documenting Accommodations for Special Needs Students in Agricultural Education – *Dana Melvin & Elizabeth Wilson, North Carolina State University*

The Importance of Sharing – A Web-Based National Database for Agricultural Education Lesson Plans – *Jason Peake & John Ricketts, University of Georgia*

Assisting Georgia Agriculture Teachers with Technology Integration – *Jason Peake, University of Georgia; James D. Scott, Coffee County High School*

Arkansas Biodiesel Research, Demonstration, and Education Project – *Garris T. Hudson, Donald M. Johnson & George W. Wardlow, University of Arkansas*

Computer Simulation of Statistical Concepts: A Visual Method for Enhancing Student Learning – *Donald M. Johnson, University of Arkansas*

LEI: Leadership Education Institute for Faculty in Colleges of Agriculture – *Penny Pennington Weeks, Jennifer Williams, William Weeks, Jay Barbuto, Cindy Blackwell, Christine Langone & Carol McBryde, Oklahoma State University*

Freshman College Orientation Courses in Agriculture: Enhancing Student Engagement – *Joey E. Mehlhorn & James N. Butler, University of Tennessee at Martin*

Using Movies to Teach – *David Jones, North Carolina State University*

Utilizing a Tablet Computer to Capture Evidence for Performance Based Assessment –
Richard Steffen, Illinois State University

eLearning as a Tool for Faculty-Development Prior to Delivering Learner-Centered
Workshops in International Settings – *Andrew C. Thoron, University of Florida; T.
Grady Roberts, Texas A&M University; R. Kirby Barrick, University of Florida;
Mohamed M. Samy, , MUCIA-AERI Linkage Project*

Increasing Multicultural Diversity through Educational Partnerships – *Doug Morrish,
Texas State University San Marcos; Nora Garza, Laredo Community College; Aditi
Angirasa, Texas State University San Marcos*

An 1862–1890 Partnership to Deliver Agricultural Education - *T. Grady Roberts,
Texas A&M University; Wash A. Jones, Prairie View A&M University; Gary E. Briers,
Scott R. Cummings, Kim E. Dooley & Chanda Elbert, Texas A&M University; Richard
W. Griffin, Prairie View A&M University; Julie F. Harlin, Alvin Larke, Jr., Landry
Lockett, Theresa Pesl Murphrey, Tim H. Murphy, Don L. Renchie & Christine D.
Townsend, Texas A&M University*

2:30 **SAAS Board of Directors Meeting** **Majestic Boardroom 1**
3:30p.m. (Antoine Alston/Dennis Duncan/Craig Edwards)

3:30 p.m. **SAAS General Session** **Dallas Ballroom A3**

5:00p.m. **SAAS Reception - Super Bowl Party** **Dallas Ballroom B/C**
(Kickoff: 5:18 p.m.)

MONDAY, FEBRUARY 4

7:30a.m. **Registration** – John Rayfield, NC State University **Grand Hall**

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

Session D: Leadership Development **City View 1**

Chair: David Jones, North Carolina State University

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

Facilitator: Thaysa Campbell, North Carolina A&T State University

**FFA Chapters Involved in Civic Engagement Describe Member Role and Context of
Leadership Activities**

Robin Peiter Horstmeier, University of Kentucky; Brittany Wilkinson, University of Kentucky &
Cameron C. White, University of Kentucky

Exploring Goal-Setting as a Tool for Leadership Development

Eric K. Kaufman, Virginia Tech; Glenn D. Israel, University of Florida & Rick Rudd, Virginia Tech

Professional Development for Local Volunteer Leaders: A Conceptual Plan

Eric K. Kaufman, Virginia Tech; Hannah S. Carter, University of Florida & Rick Rudd, Virginia Tech

Engaging Hispanic Students in Agricultural Education and the FFA: A Case Study

T. Grady Roberts, Texas A&M University; Johnathan L. Hall, Texas A&M University; Gary Briers, Texas A&M University; Ernie Gill, National FFA Organization; Glen Shinn, Texas A&M University & Alvin Larke, Jr., Texas A&M University

Session E: Higher Education..... City View 2

Chair: Kim Dooley, Texas A&M University
Discussant: Barbara Kirby, North Carolina State University
Facilitator: Holly Kasperbauer, Virginia Tech

Student Experiences as Peer Learning Assistants in the Life, Agricultural, and Natural Sciences

Anna Ball, University of Florida & Neil Knobloch, Purdue University

Academic Advising: Does a Match Between Advisors’ Academic Advising Style and Students’ Preferred Advising Style Have an Effect on Student Satisfaction?

Margo D. Hale, University of Arkansas; Donna L. Graham, University of Arkansas & Donald M. Johnson, University of Arkansas

Levels of Student Development in the College of Agricultural and Life Sciences at the University of Florida

Brian Estevez, University of Florida & Ed Osborne, University of Florida

Session F: Academic Integration in Agricultural Education City View 3

Chair: Jay Morgan, Murray State University
Discussant: David Doeffert, Texas Tech University
Facilitator: Shauna Holder, Mississippi State University

Effects of a Math-Enhanced Curriculum and Instructional Approach on Student’s Achievement in Mathematics: A Year-long Experimental Study in Agricultural Power and Technology

R. Brent Young, North Dakota State University; M. Craig Edwards, Oklahoma State University & James Leising, Oklahoma State University

Self-Reported Level of Mathematics Integration of Outstanding Virginia Agricultural Educators

Ryan Anderson, Murray State University, Robert (Bob) Williams, Texas A&M University – commerce & John Hillison, Virginia Tech.

Integrating Academics into Agriculture Programs: A Delphi Study to Determine Perceptions of the National Agriscience Teacher Ambassador Academy Participants

Brian E. Myers, University of Florida & Gregory W. Thompson, Oregon State University

10:00 - Break
10:30a.m.

Majestic Board Room 4/5

10:30 - 11:45a.m. AAAE – SRC Business Session I Majestic Board Room 4/5

Presiding: James Dyer, University of Florida, Southern Region AAAE Vice-President
Facilitating: Adam Kantrovich, Southern Region AAAE Alternate Vice President
Elizabeth Wilson, Southern Region AAAE Secretary

12:00 - 1:30p.m. Conference Luncheon Majestic Board Room 4/5

Presiding: Antoine Alston, Southern Region AAAE Vice- President
Invocation: John Ricketts
Introduction of New Faculty & Graduate Students: Antoine Alston
Memorial Recognitions: James Dyer
Mystery Speaker

1:30 - 3:00p.m. Issues Forum Majestic Board Room 4/5

Presiding: Barry Croom

Topic: The National Research Agenda for Agricultural Education and Communication:
Where do we go from here?

Speakers: Larry Case, United States Department of Education
Kim Dooley, Texas A&M University
Rick Rudd, Virginia Tech University

3:00 - 3:30p.m. Break Majestic Board Room 4/5

3:30 – 4:30 p.m. AAAE – SRC Business Session II Majestic Board Room 4/5

Presiding: James Dyer, University of Florida, Southern Region AAAE Vice-President
Facilitating: Adam Kantrovich, Southern Region AAAE Alternate Vice President
Elizabeth Wilson, Southern Region AAAE Secretary

5:30 p.m. An Agricultural Education Out West Evening Southfork Ranch
(Buses will pick attendees up from the front of the hotel.)

TUESDAY, FEBRUARY 5

7:00 a.m. SAAS Board of Directors Meeting Majestic Boardroom 1
(Antoine Alston/Dennis Duncan/Craig Edwards)

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

Session G: The Profession City View 1

Chair: Ben Byler, Tennessee Tech University
Discussant: Randol Waters, University of Tennessee
Facilitator: Landon Summers, Mississippi State University

Research Themes, Authors, and Methodologies in The Journal of Agricultural Education: A Ten Year Look

Leslie D. Edgar, University of Arkansas; Don W. Edgar, South Dakota State University, Gary E. Briers
Texas A&M University & Tracy Rutherford, Texas A&M University

Research Themes in Agricultural Education: Future Gap Analysis of The National Research Agenda

Leslie D. Edgar, University of Arkansas; Gary E. Briers, Texas A&M University & Tracy Rutherford, Texas A&M University

Factors Influencing Faculty Migration to Department Chair Positions in Colleges of Agricultural and Life Sciences

Elio Chiarelli, Jr., University of Florida & Ed Osborne, University of Florida

Session H: Experiential Learning City View 2

Chair: Carrie Fritz, University of Tennessee
Discussant: James Dyer, University of Florida
Facilitator: Mary Brister, Mississippi State University

High School Principal's Current Perceptions Regarding Supervised Agricultural Experience
Beth Wilson, North Carolina State University & John Rayfield, North Carolina State University

Defining Utilization of The Texas Agricultural Science Record Keeping System According to Stakeholder Insight: A Delphi Study

J. Chris Haynes, Oklahoma State University; Kyle W. McGregor, Tarleton State University; Kimberly Bellah; Tarleton State University & David Drueckhammer, Tarleton State University

Examining iPod Use by Texas Agricultural Science and Technology Teachers

Theresa Murphrey, Texas A&M University; Kimberly Miller, Texas A&M University & T. Grady Roberts, Texas A&M University

Session I: Inquiry-Based Learning..... City View 3

Chair: Cliff Ricketts, Middle Tennessee State University

Discussant: James Flowers, North Carolina State

Facilitator: Jill Casten, Virginia Tech

Problems and Inquiry-Based Learning: A Theoretical and Practical Synthesis

John C. Ricketts, University of Georgia; Jon Ramsey, Oklahoma State University & Donna Moore, Virginia Tech

Influence of Creative Problem Solving upon Ninth Grade Student Achievement and Satisfaction

Kim Alexander, Roscoe, TX Independent School District; Matt Baker, Texas Tech University; Glen C. Shinn, Texas A&M University & Jacob Tiemann, Roscoe, TX Independent School District

Agriculture Teacher Perceptions of Preparation to Integrate Science and Their Current use of Inquiry Based Learning

Shannon Washburn, University of Florida & Brian E. Myers, University of Florida

**9:30 -
10:00a.m.**

Break

City View 6

**10:00 –
11:15a.m.**

Professional Development Seminar

Majestic Board Room 4/5

Chair: Antoine Alston

Speakers: Larry Case – Chief Executive Officer and National Advisor, Coordinator, Agricultural & Rural Education for the U.S. Department of Education

Larry Lippke , Head Information Technology, Texas Cooperative Extension Service

**11:30 –
1:00p.m.**

Awards Luncheon

Majestic Board Room 4/5

Presiding: James Flowers

Presenters:

Outstanding Research Paper Presentation: Dennis Duncan

Outstanding Research Posters: Jason Peake

JSAER Award: Tim Murphy

AAAE Southern Region Awards: James Dyer/Adam Kantrovich

S-AAAE Conference Adjourns after Lunch