

2009 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:
The University of Georgia Department of Agricultural Leadership, Education, and
Communication**



1785

The University of Georgia

®

**January 31 – February 3, 2009 – Atlanta, Georgia
The Westin Peachtree Plaza**



Georgia EMC

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GEORGIA AGRIBUSINESS COUNCIL

**Mr. Gary W. Black
President
Georgia Agribusiness Council, Inc.
1655 S Elm Street
Commerce, Georgia
30529**

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

2009 HOST STATE: GEORGIA

*January 31 – February 3, 2009
Westin Peachtree Plaza – Atlanta, Georgia*

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

President and Conference Chair: Dennis Duncan, University of Georgia
Research Meeting Chair: John Ricketts & Jason Peake, University of Georgia
Vice-President: Craig Edwards, Oklahoma State University

American Association for Agricultural Education (AAAE) Southern Region Officers

Vice-President: Elizabeth Wilson, NC State University
Alternate Vice-President: Todd Brashears, Texas Tech University
Secretary: John Ricketts, University of Georgia

SATURDAY, JANUARY 31

- 3:00 – 6:00 p.m. Registration..... Vinings Balcony**
- 8:00 – 9:00 p.m. Icebreaker Reception..... Vinings I**
Facilitator: Dennis Duncan

SUNDAY, FEBRUARY 1

- 8:00 - 10:00 a.m. Registration..... Vinings Balcony**
- 8:00 - 9:00 a.m. Graduate Student Breakfast (must have preregistered to attend)..... Vinings II**
Presiding: Dennis Duncan, University of Georgia
Speaker: Tracy Irani, University of Florida
- 9:15 - 9:45 a.m. Vespers Service..... Tower Room 1406**
Presiding: John Ricketts, University of Georgia
Facilitator: Buzz Amason, Christian Faculty Forum, UGA
- 10:00 - 10:20 a.m. Opening Session Atlanta Ballroom E**
Presiding: Dennis Duncan, University of Georgia
Call To Order: Elizabeth Wilson, NC State University
Welcome: Dennis Duncan, University of Georgia
Remarks: Outstanding Paper Selection: Craig Edwards, Oklahoma State University
Research Meeting: John Ricketts, University of Georgia
Poster Sessions: David Jones, NC State University

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

Session A: Extension Education..... Tower Room 1407

Discussant: Nick Fuhrman, University of Georgia
Chair: Jen Williams, University of Georgia
Facilitator: Rachel Valenti, Texas A&M University

Teaching Strategies Used by Extension Agents for a Beef Producer Course

Robert Strong, Amy Harder, and Hannah Carter, University of Florida

Challenges and Threats Facing County Extension Offices

Amy Harder, Alexa Lamm, and Robert Strong, University of Florida

Is Extension Still Reaching Stakeholders? An Assessment of Minor Crop Producers' Education Needs

Tanya C. Franke, Kathleen D. Kelsey, and Tom A. Royer, Oklahoma State University

Session B: Teacher Preparation..... Tower Room 1408

Discussant: Cliff Ricketts, Middle Tennessee State University
Chair: Ed Osborne, University of Florida
Facilitator: Jennifer Brown, University of Georgia

The Application of Supervisory Options for Instructional Leaders Framework Within the Fields of Agriculture, Science, Math, and English Education

David Little and Carrie Ann Stephens, University of Tennessee

Content Preparation of Pre-Service Agricultural Education Teachers and Its Influence on Their Content Knowledge

Amber Houck, Nelson County High School; and Tracy Kitchel, University of Kentucky

Developing a Model of Career Decision-Making for Students of Agricultural Education: A Synthesis of Research

Kerry Priest, Virginia Tech, and John C. Ricketts, University of Georgia

Session C: Teacher Induction Tower Room 1406

Discussant: Brian Myers, University of Florida
Chair: Diana King, University of Georgia
Facilitator: Andrew Thoron, University of Florida

A Qualitative Inquiry Into the Effectiveness of a Formal Mentor Program, as Administered by Practicing Agricultural Educators, To Retain Early Career Teachers

Nina Crutchfield, Texas Tech/Texas A&M University; Renee Miller, Thorntown, Indiana; and Scott Burris, Texas Tech University

Reflections of Alternatively Certified Agricultural Education Teachers on Their First Year in the Teaching Profession

J. Shane Robinson, Oklahoma State University

12:00 - 1:30 p.m. Brown Bag Luncheon & Committee Meetings
(Lunch will be delivered to Tower Room 1405)

2:00 – 2:30 p.m. Innovative and Research Poster Set-Up.....Peachtree Balcony

Chair: David Jones, NC State University

Break Refreshments will be delivered to Peachtree F at 2:00 in preparation for the Poster Session. You are to pick up refreshments there and then go to the Peachtree Balcony and view the Posters.

2:30 – 4:00 p.m. Innovative and Research Poster SessionPeachtree Balcony

Research Posters

A Comparison of Research Themes in the Journal of Agricultural Education to the National Research Agenda: Agricultural Education and Communication, 2007-2010 -
Leslie Edgar, University of Arkansas

A Profile of an Urban AgriScience Program and FFA Inactivity – *Rudy Ritz, Texas Tech University*

Accountability in Extension Program Evaluation – *Sarah Baughman, Virginia Tech University*

Are We Making the Grade? Identifying Strategies and Confidence Levels of Teachers When Working with Students with Special Needs – *Kristin Stair, & Gary Moore, NC State University*

Citation Analysis of the Journal of Southern Agricultural Education Research – *Marshall Swafford, Louisiana State University; and Ryan Anderson, Murray State University*

Cooperating – Teacher Perceptions of Cognitive Skills Required by Student-Teachers -
Natalie A. Knackstedt, Texas A&M University; and T. Grady Roberts, University of Florida

Differentiating Instruction in High School Agricultural Education Courses – *Kathy Murray, Barry Croom, John Rayfield, and David Jones, NC State University*

Factors Affecting Teen Involvement in Pennsylvania 4-H Programming – *Bart Gill, Texas A&M University*

First-Year Undergraduates' Knowledge of Global Positioning Systems – *Ryan Anderson, Whitney Peake, and Jason Massey, Murray State University*

Measuring Up: A Comparison of Agricultural Freshmen to the National Norms for College Freshmen – *Landi Woolley, and Todd Brashears, Texas Tech University*

Networks of Communication and Knowledge Transfer Among Students in a College of Agriculture Introductory Course – *Don Edgar, University of Arkansas*

Parents' Perceptions of Life Skills Gained at State 4-H Horse School – *Kari Turner, Dennis Duncan, Jenna Brown, and Carmen Benson, University of Georgia*

Predictors and Program Outcomes of Empowering Practices of FFA Chapter Advisors -

Kimberly Anderson, and Lorilee Sandman, University of Georgia

Principals' Perceptions Regarding Agricultural Safety Education Programs – Robert Williams, Texas A&M University-Commerce

Readability of State Agricultural Education Exams – Mary Brister, Mississippi State University

SCANS Competencies within National and Florida 4-H Curricula – Diane Mashburn, University of Florida

Science, Math, Social Studies, and Language Arts Achievement of High School Students in Complete Programs of AgriScience Education – Todd Schultz, Dennis Duncan, John Ricketts, and Ray Herren, University of Georgia

Secondary Agriculture Teachers and 4-H Youth Development Personnel – Billy McKim, Amy Smith, and Robert Torres, Texas A&M University

Teacher Attitudes Toward Math Integration in Agricultural Education – Abigail McCulloch, Texas Tech University

Teacher's College: Learning to Teach, Teaching to Learn – Mary Rodriguez, University of Florida

The Impact of Communication Skills Development on College Students' Communication Apprehension – Richard Rateau, Virginia Tech University

The Preparation of Future Agriculture Teachers to Teach Students with Learning Disabilities: Reports from Pre-Service Teachers – Paula E Faulkner, North Carolina A&T University

The Teacher's Search for Reliable Supplemental Material – Lisa Hightower, University of Florida

Using Reflective Practices to Enhance Higher Order Questioning Frequency of Pre-Service Teachers – Cory Epler, and Thomas Broyles, Virginia Tech University

Innovative Posters

A Model for Agriculture Teacher Retention – Shane A. Conger, Jason B. Peake, & Diana L. King, University of Georgia

A Proposed Model for Developing a Well-Prepared Agricultural Workforce in an International Setting - Kirby Barrick, Mohamed Samy, Michael Gunderson, and Andrew Thoron, University of Florida

Agricultural Biotechnology in Today's Society: An Interdisciplinary Course – Elizabeth Wilson, and Kevin Curry, North Carolina State University

An ASABE-Recognized Agricultural Systems Management Program in a Department of Agricultural and Extension Education – Donald Johnson, George Wardlow, and Don Edgar, University of Arkansas

Analysis and Application: Next Generation Energy Solutions on the Road – *Don Edgar, University of Arkansas*

Can Mobile Learning Enhance Leadership Programming? - *Hannah Carter, and Lisa Hightower, University of Florida*

Chesapeake Bay Restoration Fund Project – *Jessica Waknine, Virginia Tech Univeristy*

Cultural Experiences of the West: A Student-Centered Course Design – *Bryan Hains, and Brittany Wilkinson, University of Kentucky*

Developing a County Program Assessment Model for Cooperative Extension – *Matt Benge, and Amy Harder, University of Florida*

Effective and Efficient Technology in 2008 for Pre-Service Teacher Reflection – *Shyenne Krysher, Oklahoma State University*

Incorporating Technology, YouTube®, and Learning in the AgriScience Classroom - *Anna Warner and Andrew Thoron, University of Florida*

Leadership Development for Unit Leaders in Colleges of Agriculture – *Edward Osborne, University of Florida*

Learning on the Go: Travel Time as an Anticipatory Set – *Katherine E. McKee, Donna M. Moore, Virginia Tech University; and Rachel E. Lyons, Rutgers University*

The Best of Both Worlds: Integrating Authentic and Service Learning – *Elizabeth Wilson, North Carolina State University*

The Evolution of a “Value-Added” Plumbing Pony Exercise: An Approach to Modeling Performance-Based Assessment to Pre-Service Agricultural Education Teachers – *Jon Ramsey, Chris Haynes, Oklahoma State University; and Brent Young, North Dakota State University*

Using Team-Based Learning to Engage Students – *Holly Kasperbauer, and Eric Kaufman, Virginia Tech University*

Values Based Leadership as a Basis for Service Learning: A Case Study with Chick-fil-A - *Marcus Jones, and Jennifer Williams, University of Georgia*

- 2:30 - 3:30 p.m. SAAS Board of Directors Meeting..... Tower Room 1401**
(Dennis Duncan/Craig Edwards/John Ricketts)
- 3:30 p.m. SAAS General Session..... Vinings I & II**
- 5:00 p.m. SAAS Reception - Super Bowl Party Peachtree Ballroom**

7:30 a.m. Registration..... Vinings Balcony

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

Session D: Adult Leadership Education Tower Room 1407

Discussant: John Rayfield, North Carolina State University

Chair: Ben Byler, Tennessee Tech

Facilitator: Jill Casten, Virginia Tech

A Leadership Development Needs Assessment for Virginia Farm Bureau Young Farmers

Rose Bradshaw, Agriculture and Natural Resource Agent, Virginia Rudd, and Rick Rudd, Virginia Tech University

The Conceptualization and Investment of Leadership Development by Department Heads in Colleges of Agriculture at Land Grant Universities

Jennifer Williams, University of Georgia; and Cindy Blackwell, Oklahoma State University

Leadership Style and Emotional Intelligence of Alumni in Adult Leadership Program

L. Rochelle Strickland, Brian Myers, and Hannah Carter, University of Florida

Session E: Secondary Student Pedagogy Tower Room 1408

Discussant: Kirk Swortzel, Mississippi State University

Chair: Joe Kotrlik, Louisiana State University

Facilitator: Philip Saucier, University of Missouri

The Effect of Set Induction In a Lesson on Knowledge and Attitude of High School Agricultural Science Students

Tiffany L. Johnston, Waller Independent School District; and T. Grady Roberts, University of Florida

The Use of Vee Maps and Standard Laboratory Reports Effect on Content Knowledge Achievement

Andrew C. Thoron, and Brian E. Myers, University of Florida

The Effect of Set Inductions in a Lesson on Engagement Levels of High School Agricultural Science Students

Tiffany L. Johnston, Waller Independent School District; and T. Grady Roberts, University of Florida

Session F: Career Preparation Tower Room 1406

Discussant: Leslie Edgar, University of Arkansas

Chair: Antoine Alston, North Carolina A&T University

Facilitator: Holly Kasperbauer, Virginia Tech

Career Decision Self-Efficacy and Learning Activity Participation of Georgia Agricultural Education Students in the North Region: A Descriptive Study

Kerry Priest, Virginia Tech; John C. Ricketts, and Dennis W. Duncan, University of Georgia

Changes in Career Interest Level for Urban Participants as a Result of an Agricultural Communications Workshop

Quisto Settle, David L. Doerfert, Scott Burriss, and Cindy Akers, Texas Tech University

Are They Ready for Work? Understanding the Employability of College Graduates For Success in the Workplace

Richard J. Rateau, and Eric K. Kaufman, Virginia Tech

Session G: Critical Thinking..... Tower Room 1405

Discussant: Maria Navarro, University of Georgia

Chair: Craig Edwards, Oklahoma State University

Facilitator: Katie Murray, North Carolina State University

Cognitive Effect Indicators: The Impact of Student and Teacher Styles on Course Grades

Edward W. McCann, and Thomas W. Broyles, Virginia Tech

The Effects of Experiential Learning With an Emphasis on Reflective Writing on Agricultural Leadership Students

Copie Moore, Southern Arkansas University; Barry L. Boyd, and Kim E. Dooley, Texas A&M University

Linking Critical Thinking Disposition with Emotional Intelligence and Leadership Behavior in Undergraduate Students Enrolled in an Agricultural Leadership Course

Nicole L. P. Stedman, Karen J. Cannon, Katelyn Crown, and Sallie Ann Sims, University of Florida

10:00 - 10:30 a.m. BreakAtlanta Ballroom E

10:30 - 11:45 a.m. AAAE – SRC Business Session I.....Atlanta Ballroom E

Presiding: Elizabeth Wilson, Southern Region AAAE Vice-President

Facilitating: Todd Brashears, Southern Region AAAE Alt. Vice President

John Ricketts, Southern Region AAAE Secretary

12:00 - 1:30 p.m. Conference Luncheon.....Peachtree Ballroom B

Presiding: Elizabeth Wilson, Southern Region AAAE Vice- President

Invocation: John Ricketts

Introduction of New Faculty and Graduate Students: Ray Herren

Memorial Recognitions: James Dyer

Mystery Speaker

1:45 – 2:45 p.m. AAAE – SRC Business Session II Atlanta Ballroom E

Presiding: Elizabeth Wilson, Southern Region AAAE Vice-President

Facilitating: Todd Brashears, Southern Region AAAE Alt. Vice President

John Ricketts, Southern Region AAAE Secretary

3:00 - 3:30 p.m. BreakAtlanta Ballroom E

3:30 – 4:30 p.m. SAAS Ag Renewable Energy SymposiumVinings Rooms

5:30 p.m. A Southern Style Barbeque Centennial Park

(Group will leave to walk to Centennial Park from the hotel lobby)

TUESDAY, FEBRUARY 3

7:00 a.m. SAAS Board of Directors Meeting..... Vinings Room 1
(Dennis Duncan/Craig Edwards/John Ricketts)

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

Session H: AgriScience Tower Room 1204

Discussant: Jason Peake, University of Georgia

Chair: Kim Anderson, University of Georgia

Facilitator: Alexa Lamm, University of Florida

Perceptions of Pre-Service Teachers Toward Integrating Science Into School-Based Agricultural Education Curriculum

Andrew C. Thoron, and Brian E. Myers, University of Florida

Attitudes and Perceptions of AgriScience Teachers, Counselors, Administrators and Students Toward Science Integration and Selected AgriScience Programs

Mary H. Brister, and Kirk Swortzel, Mississippi State University

Qualitative Analysis of Teaching Efficacy Belief of Pre-Service AgriScience Teachers

Brent Jackson, Maria Navarro, and John C. Ricketts, University of Georgia

Session I: Academic Engagement Tower Room 1208

Discussant: Nicole Stedman, University of Florida

Chair: Amy Harder, University of Florida

Facilitator: Natalie Coers, University of Georgia

Communication Apprehension, Information Technology Fluency, and Internet Access as Factors Affecting College Students' Participation in In-Class and Online Discussion

Ed Damman, University of North Carolina – Pembroke; and W. Wade Miller, Iowa State University

Agricultural Science and Technology Teachers' Perception of iPod™ and mp3 Technology Integration Into Curricular and Co-Curricular Activities

Theresa P. Murphrey, Texas A&M University; Kimberly A. Miller, Texas A&M University/Texas Tech; and T. Grady Roberts, University of Florida

Academic Engagement and Satisfaction of Undergraduate Agricultural Food, and Life Sciences Students

Donald M. Johnson, George W. Wardlow, and Donna L. Graham, University of Arkansas

Session J: Emerging Issues and Trends Tower Room 1203

Discussant: Rick Rudd, Virginia Tech

Chair: Carrie Stephens, University of Tennessee

Facilitator: Tiffany Drape, Virginia Tech

Emerging Themes in Integrating Mathematics Into Agricultural Education: A Qualitative Study of Star Teachers in Virginia

Ryan Anderson, Murray State University; and Shawn Anderson, Oregon State University

Attitudes Toward Mathematics Integration and Related Professional Development Needs of Outstanding Agricultural Education Instructors

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

Citation Structure: An Analysis of the Literature Cited In the *Journal of Agricultural Education* From 1997 to 2006

Leslie D. Edgar, and Don W. Edgar, University of Arkansas

Session K: Secondary Agriculture Education Programs Tower Room 1202

Discussant: Don Johnson, University of Arkansas

Chair: Ray Herren, University of Georgia

Facilitator: Billy McKim, Texas A&M University

Economic Impact of Supervised Agricultural Experiences in Texas: 2007 Returns from SAE Investment Cost

Roger D. Hanagriff, Texas A&M University – Kingsville; Tim H. Murphy, and Gary Briers, Texas A&M University; and T. Grady Roberts, University of Florida

Learning Activity Contributions to Career Decision Self-Efficacy Among Students in the North Region of Georgia Agricultural Education

Kerry Priest, Maria Navarro, and John C. Ricketts, University of Georgia

Laboratory Management In-Service Needs of Missouri Agricultural Educators

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

9:30 - 10:00 a.m. Break Augusta I

10:00 - 11:15 a.m. Professional Development Seminar Augusta II

11:30 – 1:00 p.m. Awards Luncheon Augusta I

Presiding: Dennis Duncan

Presenters:

Outstanding Research Paper Presentation: John Ricketts

Outstanding Research Posters: David Jones

JSAER Award: Tim Murphy

AAAE Southern Region Awards: Todd Brashears

S-AAAE Conference Adjourns after Lunch
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AAAE Standing Committees and Their Duties

Member Services

Purpose: The purpose of the Member Services Committee is to collect, summarize, and distribute appropriate information/data to the AAAE membership.

Committee Activities: To accomplish its purpose, the Member Services Committee carries out the following activities:

1. Revise and publish annually the Directory of University Agricultural Educators.
2. Conduct an annual salary survey and a periodic supply and demand study, summarize the data and distribute to the membership.
3. Collect and post on the AAAE website the positions available in agricultural education.
4. Provide information and establish policies for posting information on the AAE website and determine policy for release of directory information.
5. Carry out other activities agreed upon by the membership and/or Executive Committee.
6. Review and update the AAAE Constitution and Bylaws as they pertain to the Member Services Committee.
7. Develop opportunities to increase communication in the organization through the use of chat rooms, bulletin boards, and listservs.

Professional Development

Purpose: The purpose of the Professional Development Committee is to plan, develop, and coordinate activities that enhance membership in AAAE, provide for the growth and development of members, recognize members for exemplary contributions, and secure competent leaders for the organization to ensure effective and efficient operation of the organization.

Committee Activities: To accomplish its purpose, the Professional Development Committee carries out the following activities:

1. Select a representative from each region to secure nominations for AAAE officers, under the direction of the Past-President.
2. Review the awards program and nominate individuals for appropriate awards.
3. Provide leadership for determining, planning, and implementing professional meetings (i.e. research pre-sessions).
4. Develop and request annually from AAAE a budget for the committee's activities.
5. Carry out other activities related to professional development agreed upon by the membership and/or Executive Committee of AAAE.

Program Improvement

Purpose: The purpose of the Program Improvement Committee is to enhance existing programs, encourage and support new program initiatives, and provide agricultural leadership that will positively impact agricultural education.

Committee Activities: To accomplish its purpose, the Program Improvement Committee carries out the following activities:

1. Identify special interest groups and facilitate collegial working relationships.
2. Provide opportunities for collaboration within and outside of agricultural education.
3. Serve as an advocate for improvement of teaching and learning in agriculture.
4. Provided leadership and representation on organizations of the profession.
5. Coordinate the AAAE Poster Session to facilitate the exchange of ideas and activities among members.
6. Carry out other activities related to program improvement agreed upon by the membership and/or Executive Committee of AAAE.
7. Review and update AAAE Constitution and Bylaws as they pertain to the committee.

Research

Purpose: The purpose of the Research Committee is to promote scholarly research and development activities among the membership that lead to advancing the profession of agricultural education.

Committee Activities: To accomplish its purpose, the Research Committee is charged with the following:

1. Promote dissemination of research through professional research meetings such as the National Agricultural Education Research Conference and regional research conferences.
2. Identify individuals and/or departments to chair the National Agricultural Education Research Conference.
3. Recommend policies related to research conferences to facilitate the dissemination of research.
4. Recommend policies related to dissemination of research through journals and other appropriate media
5. Coordinate with the Communication Committee and other appropriate AAAE committees the dissemination or research on the AAAE web site.
6. Promote recognition of research and development activities of members through programs including: but not limited to:
 - Outstanding research papers at the National Agricultural Education Research Conference
 - Journal of Agricultural Education Author of the Year Awards Program
7. Carry out other activities related to research agreed upon by the membership and/or Executive Committee of AAAE.
8. Foster collaboration with other regions and communicate funding opportunities available for agricultural education research.
9. Maintain a connection with the goals and activities of other related societies and agencies.

Thank you to our Sponsors:



**Mr. John Shuman
Vidalia Onion Committee
100 Vidalia Sweet Onion Drive
Vidalia, GA 30474**



**Mr. Don Koehler
Georgia Peanut Commission
110 East 4th Street
Tifton, Georgia 31794**



**Ms. Shirley Bowen
Southern States
6606 West Broad Street
Richmond, Virginia 23260**

Thank you to our Sponsors:



Agricultural Education Room Locations

Room	Building (Floor Number)
Vinings Balcony	6 th Floor
Vinings Room I	6 th Floor
Vinings Room II	6 th Floor
Tower Room 1202	12 th Floor
Tower Room 1203	12 th Floor
Tower Room 1204	12 th Floor
Tower Room 1208	12 th Floor
Tower Room 1401	14 th Floor
Tower Room 1405	14 th Floor
Tower Room 1406	14 th Floor
Tower Room 1407	14 th Floor
Tower Room 1408	14 th Floor
Peachtree Balcony	8 th Floor
Peachtree Ballroom	8 th Floor
Atlanta Ballroom E	7 th Floor
Augusta Room I	7 th Floor
Augusta Room II	7 th Floor