

**Program
Agricultural Education**

Hosts: Eastern Kentucky University, Morehead State University, Murray State University, University of Kentucky and Western Kentucky University

February 14-17, 2004

Tulsa Downtown Doubletree Hotel

(Note: Session J will be held in Tulsa Convention Center)

Saturday, February 14

4:00 p.m. –

7:00 p.m. Registration—Morehead State University Lobby

Sunday, February 15

8:00 a.m. Registration—Morehead State University International Foyer

9:00 a.m. Joint Ag-Ed and Ag-Com Vespers Service Remington Room

Differer or Similar?

Tony Brannon, Kentucky

Adam Kantrovich, Kentucky

Shelly Sitton, Oklahoma

10:00 a.m. Opening SAERC Session Gillerease Room

Presiding: Tony Brannon, Murray State University

Remarks: David Coffey, Western Kentucky University

Jay Morgan, Murray State University

Facilitators:

Michael McDermott, Eastern Kentucky University

Robin Peiter, University of Kentucky

Jack Rudolph, Western Kentucky University

10:30 a.m. Concurrent SAREC Session I

Session A: Critical Thinking Skills in Agriculture Education Remington Room

Chair: Barry Boyd, Texas A&M University

Facilitator: Kim Alexander, Texas A&M University

Discussant: Jim Flowers, North Carolina State University

Agriculture Student Learning Style on Critical Thinking Disposition – Chris Morgan and Rick Rudd; University of Florida

Critical Thinking Skills of FFA Leaders – John C. Ricketts; The University of Georgia and Rick Rudd; University of Florida

The Relationship Between Critical Thinking Dispositions and Critical Thinking Skills of Selected Youth Leaders in the National FFA Organization – *John C. Ricketts; The University of Georgia and Rick Rudd; University of Florida*

Explaining the Critical Thinking Skills of National FFA Leaders – *John C. Ricketts; The University of Georgia and Rick Rudd; University of Florida*

Session B: Secondary Agriculture Education

Gillerease Room

Chair: Don Herring, University of Arkansas

Facilitator: Thomas Broyles, Virginia Tech

Discussant: M. Craig Edwards, Oklahoma State University

An Analysis of the Barriers and Benefits to Diversity Inclusion in North Carolina Secondary Agricultural Education Curricula – *Chastity Warren; Weldon Middle School and Antoine J. Alston; North Carolina A&T State University*

A Model for the Study of Reading in School-Based Agricultural Education – *Travis D. Park and Ed W. Osborne; University of Florida*

Emerging Educational and Agricultural Trends and their Impact on the Secondary Agricultural Education Program – *Ralsa Marshall Stewart, Jr., Gary Moore, and Jim Flowers; North Carolina State University*

Perceptions of High School Students Regarding the Image of Agriculture and Barriers to Enrolling in An Agricultural Education Class – *Freddie L. Scott and Douglas Lavergne; University of Arkansas*

Session C: Science and Information Technology

Coventry Room

Chair: Robin Peiter, University of Kentucky

Facilitator: Kristina Grage, University of Florida

Discussant: Donald Johnson, University of Arkansas

Impact of An Introductory Agriscience Technology Course in Developing Applied Skills Using Information Technologies – *Kirk A. Swortzel, Jacquelyn P. Deeds, and Walter N. Taylor; Mississippi State University*

Focusing in on Student and Adult Perceptions of Information Technology Careers – *Kiley Barnes, Jacquelyn P. Deeds, Kirk A. Swortzel, and Walter N. Taylor; Mississippi State University*

Assessing Agriculture Teachers' Capacity for Teaching Science Integrated Process Skills - *Brian E. Myers, Shannon G. Washburn, and James E. Dyer; University of Florida*

Informal Learning in Science: Does Agricultural Education Have a Role? – *Jon W. Ramsey and M. Craig Edwards; Oklahoma State University*

12:00 p.m. Lunch on your own

1:30 p.m. SAAE Committee Meetings	
Professional Development	Gillerease Room (front)
Program Improvement	Remington Room
Research	Coventry Room
Communications	Gillerease Room (rear)
Resolutions	TBA

2:30 p.m. AAAE Poster Session and Break Balcony Area

Chair: Beth Wilson, North Carolina State University

Making Sense of Qualitative Research with Excel - *Kiley P. Barnes, Becky L. Hamilton and Jacquelyn P. Deeds; Mississippi State University*

CPR for Reviving an Ailing Ag Ed Program - *Jeffrey W. Horne; Southern Arkansas*

University Space Odyssey: 2004--Space Agriculture in the Classroom 7th Grade Curriculum - *Kimberly A. Bellah; Shannon G. Washburn, Edward W. Osborne, James E. Dyer, Glenn D. Israel, and Emily Rhoades; University of Florida*

A Master Plan: Implementing a Master of Science Degree in Agricultural Communications - *Dwayne Cartmell, Julie Cox, and Shelly Sitton; Oklahoma State University*

Using a Collegiate Farm Bureau Discussion Meet to Develop Students' Understanding of Agricultural Issues and to Promote Critical Thinking Skills; *Paularie Crane, Tiffany McKinzie, and Jefferson D. Miller; University of Arkansas*

The Digital Perspective - *Dwayne Cartmell, Julie Cox and Shelly Sitton; Oklahoma State University*

Georgia's Team Approach to Agricultural Teacher Education - *John C. Ricketts; University of Georgia and James Woodard; Georgia Department of Education*

Dawgs Gone South - *John E. Uessler, John C. Ricketts, and Ray Herren; The University of Georgia*

Motivational Games: An Interactive Approach to Improving Student Learning - *Jon W. Ramsey and M. Craig Edwards; Oklahoma State University*

Computer-Based Labs in Agricultural Science and Technology Education – *Linda Newsome, Donald M. Johnson, and George W. Wardlow; University of Arkansas*

2 + 2 = Success Online Studies in Agricultural Education - *Antoine J. Alston and Marcus M. Comer; North Carolina A&T State University*

Conducting Professional Development Workshops Using Experiential Learning - *Brian E. Myer and Shannon G. Washburn; University of Florida*

Implementing an Academic Minor in Leadership Education - *Penny Pennington and Bill Weeks; Oklahoma State University*

FFA® LifeKnowledge, Real Lessons for Real Life Initiative - *Rick Rudd; University of Florida, Susie Whittington; The Ohio State University, Cindy Akers; Texas Tech University, Brad Dodson; University of California at Chico, and Jack Elliot; University of Arizona*

Leadership Training in the Capstone Classroom: Preparing Students for the Workplace - *Sarah D. Sargent and Penny Pennington; Oklahoma State University*

Extension Leadership Councils - *Cathy M. Sutphin; Virginia Tech*
The University of Florida's Virtual Swamp - *Ricky Telg and Tracy Irani; University of Florida*

The Economic Impact of the Texas FFA State Leadership Development Events - *Doug Ullrich, Dwayne Pavelock, Carolyn Robinson and Joe Muller; Sam Houston State University*

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

Building Kentucky's Future: IFAL at the University of Kentucky - *Robin L. Peiter and Jaime R. Sparrow; University of Kentucky*

4:00 p.m. SAAS General Session

6:30 p.m. SAAS Reception

Monday, February 16

7:30 a.m. Registration—Morehead State University

International Foyer

8:30 a.m. Concurrent SAREC Session II

Session D: Pre-service and Student Teaching in Agriculture Geneva Room

Chair: Travis Park, University of Florida

Facilitator: John “Rusty” Miller, North Carolina A&T State University

Discussant: Cliff Ricketts, Middle Tennessee State University

Student Teaching Experiences for Agricultural Education – A National Study – *Carrie A. Covington and Thomas R. Dobbins; Clemson University*

Evaluating A Pre-Service Agricultural Education Program Using Outcomes-Based Assessments – *Elizabeth Wilson, Barry Croom, Jim Flowers, and Gary Moore; North Carolina State University*

Therapeutic Riding: An Educational Tool for Children with Disabilities as Viewed by Parents – *John “Rusty” Miller and Antoine J. Alston; North Carolina A&T State University*

Student Teacher Perceptions of the Characteristics of Effective Cooperating Teachers: A Delphi Study – *T. Grady Roberts and James E. Dyer; University of Florida*

Session E: Learning Styles and Service Learning

Buckingham Room

Chair: Rick Rudd, University of Florida

Facilitator: Chris Morgan, University of Florida

Discussant: Ed Osborne, University of Florida

The Influence of Student Learning Style on Critical Thinking Skill – *Brian E. Myers and James E. Dyer; University of Florida*

Evaluating the Scope of Learning Style Instruments Used in Studies Published in the Journal of Agricultural Education – *Barry L. Boyd, Theresa P. Murphrey, and Darlene Locke; Texas A&M University*

Impact of Intergenerational Service Learning on Students’ Stereotypes Toward Older People in An Introductory Agricultural Computing Course – *K. Dale Layfield; Clemson University*

The Impact of Service-Learning: A Quasi-Experimental Assessment of Student Performance in an Introductory Microcomputer Course – *K. Dale Layfield and Steve Flagg; Clemson University*

**Session F: Agriculture Extension, Leadership,
Communication and Issues**

Coventry Room

Chair: Chandra Elbert, Texas A&M University
Facilitator: Brian Parr, Oklahoma State University
Discussant: James Key, Oklahoma State University

The Role of the Cooperative Extension Service as Perceived by North Carolina Cooperative Extension Service Administrators – *Marcus M. Comer; North Carolina A&T State University, Robert J. Birkenholz; The Ohio State University and Bob R. Stewart; University of Missouri-Columbia*

Cooperation Between Secondary Agricultural Educators and Extension Agents – *Kristina D. Grage and Nick T. Place; University of Florida*

Choosing to Use the Web: Comparing Early and Late Respondents to an Online Web-based Survey Designed to Assess IT Computer Skills Perceptions of County Extension Agents – *Tracy A. Irani, and Jon Austin Gregg; University of Florida*

When Findings Collide: Examining Survey vs. Interview Data in Leadership Education Research – *Leah Wall and Kathleen D. Kelsey; Oklahoma State University*

10:00 a.m. Break

10:30 a.m. Concurrent SAERC Session III

Session G: Undergraduate Education

Geneva Room

Chair: Antoine Alston, North Carolina A&T State University
Facilitator: James Hafner, Texas A&M University
Discussant: David Lawver, Texas Tech University

Effects of Thinking Aloud Pair Problem Solving on the Troubleshooting Performance of the Undergraduate Students in a Power Technology Course – *Michael E. Pate, George W. Wardlow, and Donald M. Johnson; University of Arkansas*

Computer Experiences, Self-Efficacy, and Knowledge of Undergraduate Students Entering a Land-grant College of Agriculture By Year and Gender – *Donald M. Johnson, and George W. Wardlow; University of Arkansas*

A Statewide Examination of University Freshman Attitudes Regarding Agricultural Education and the Agricultural Industry – *Robin L. Peiter; University of Kentucky, Jay Morgan; Murray State University, David M. Coffey; Western Kentucky University, and Adam Kantrovich; Morehead State University.*

University Freshman Attitudes Regarding Decisions to Attend University Programs of Agriculture – *Robin L. Peiter; University of Kentucky, Jay Morgan; Murray State University, David M. Coffey; Western Kentucky University, and Adam Kantrovich; Morehead State University*

Session H: Leadership and FFA

Buckingham Room

Chair: Jeffery Horne, Southern Arkansas University

Facilitator: Steve Lewis, Texas A&M University

Discussant: James Leising, Oklahoma State University

The Relationship Among 4-H and FFA Involvement and Gender On Student Success In An Introductory Animal Science Course – *Margaret S. Zoglman, Gordon F. Jones David M. Coffey; Western Kentucky University, Kenneth J. Stalder and Amanda E. Ramer; Iowa State University and Matt A. Deppe; Fountain County, Indiana Extension Service*

Perceptions of Secondary Principals in Texas Concerning Leadership Skills Attained Through Membership and Participation in the FFA Program – *Jessica Colvin; Snyder High School and Steve Frazee, James H. Smith, and Mark Kistler; Texas Tech University*

Analyzing Self-Prescribed Leadership Development Factors Contributing to the Success of Former Florida State FFA Officers – *John C. Ricketts; The University of Georgia and Rick Rudd; University of Florida*

Female Leadership in Urban Florida FFA Programs – *Susan A. Kelly and Edward W. Osborne; University of Florida*

Session I: Beginning Agriculture Education Teaching

Coventry Room

Chair: Jerry Gibson, Virginia Tech

Facilitator: Darlene Locke, Texas A&M University

Discussant: Jay Morgan, Murray State University

Problems Facing Beginning Agriculture Teachers – *Brian E. Myers, James E. Dyer, and Shannon G. Washburn; University of Florida*

In-Service Needs of Traditionally and Alternatively Certified Agriculture Teachers – *T. Grady Roberts and James E. Dyer; University of Florida*

Teacher Influence on Students' Decision to Pursue An Agriculture Teaching Career – *Travis D. Park and James E. Dyer; University of Florida*

Criteria Public School Administrators Consider When Hiring First-Year Agricultural Education Teachers – *Jeremy Cantrell; Union City High School and Bill Weeks; Oklahoma State University*

Session J: Agricultural Communications and Education

**Tulsa Convention
Center – Room A**

Chair: Cindy Akers, Texas Tech University

Facilitator: Jeanne Lambeth, Texas A&M University

Discussant: David Doerfert, Texas Tech University

Louisiana Mass Media Perceptions of the LSU Communications Effort – *Robert J. Soileau and Joe W. Kotrlik; Louisiana State University*

An Evaluation of Student Knowledge and Perceptions Toward Agriculture Before and After Attending A Governor’s School for Agriculture – *Dennis W. Duncan and Thomas W. Broyles; Virginia Tech*

12:00 p.m. SAAE Luncheon

Windsor Room

Presiding: David Coffey, Western Kentucky University
Memorial Recognitions
Graduate Student Recognitions
Speaker: Distinguished Lecture

1:30 p.m. SAAE Business Meeting

Buckingham Room

Presiding: David Coffey
Vice President: Gary Jackson, Mississippi State University
Secretary: Randol G. Waters, University of Tennessee

2:45 p.m. Break

3:15 –

4:45 p.m. SAAE Professional Development Seminars (Concurrent Sessions)

Finding Balance in a Challenging Profession

Buckingham Room

Teaching, Research, Service—We’re expected to do it all! How can professionals find balance and improve their quality of life? Professionals who are married with young children and yet maintain a prestigious and rigorous career will facilitate this workshop.

Todd and Mindy Brashears; Texas Tech University and Rick Rudd; University of Florida

Student-Centered Instruction and Assessment

Windsor Room

Agricultural Educators are known for their outstanding teaching. But most of us are still using teacher-centered approaches. How can we shift the learning responsibilities to our students so that they can be self-directed life-long learners? This session will demonstrate teaching and assessment approaches to help change your instructional role to that of a facilitator/delegator.

Barry Boyd and Kim Dooley; Texas A&M University and Kathleen Kelsey; Oklahoma State University

**Searching, Applying, and Interviewing
For Professional Positions**

Geneva Room

You've taken all the coursework and are working on your dissertation. You know you will soon need to start paying back those student loans. You must find the time to start searching for a professional position. Where do you start? What should the curriculum vitae look like? What experiences are important to employers? What will the interviews be like? This panel includes three Department Heads and one recent Ph.D. graduate who just went through the process.

Don Herring; University of Arkansas, James Leising; Oklahoma State University, Ed W. Osborne; University of Florida, and John C. Ricketts; University of Georgia

5:30 p.m. SAERC Awards Reception

Tuesday, February 17

7:00 a.m. SAAS Board of Directors Meeting

8:30 a.m. Critical Issues Discussion Forum

Buckingham Room

Ensuring Technical Content

Leader: John Ricketts, University of Georgia

Is it possible for different departments or disciplines to make sure students are learning technical content that is appropriate to teaching agriculture. Is anyone working with other departments to develop a curriculum specifically "for teachers?"

Outcomes Assessment for Accreditation of Undergraduate and Graduate Programs

Leader: Jim Flowers, North Carolina State University.

If your institution hasn't already experienced accreditation, you may be surprised to learn that you will be required to do outcome assessments of all your degree programs, meaning that one must collect data on what your students and graduates of your program are able to actually do--not just what we say they can do. It is a very time-consuming process and a topic for our discussion.

10:00 a.m. Adjournment