

Program  
Agricultural Education

**SAEC**



**Eastern Kentucky University  
Morehead State University  
Murray State University  
University of Kentucky  
Western Kentucky University**

“Working Together Toward Common Goals”

**February 14-17, 2004  
Tulsa Downtown Doubletree Hotel**

**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 Ecumenical Service**  
“Different or Similar?”

**Remington Room**

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  
Rodney Tulloch, University of Kentucky

**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:** David Lawver, Texas Tech

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      Program Improvement  
**Gillerease Room (front)**              **Remington Room**

Research                              Communications  
**Coventry Room**                      **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 7<sup>th</sup> 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. Myers 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 – 6:00 p.m. SAAS Opening and General Session**  
**Windsor Room**

**6:30 – 8:30 p.m. SAAS Reception**  
**International Ball Room**

**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 D. Park, University of Florida

**Facilitator:** John “Rusty” Miller, Virginia Tech 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, Jon Austin Gregg, and Ricky Telg; 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 J. Alston, North Carolina A&T State University

**Facilitator:** James Hafer, Texas A&M University

**Discussant:** Jim Flowers, North Carolina State 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.*

An Examination of Kentucky University Freshman Attitudes Regarding Agricultural Education and the Agriculture Industry – *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 Role of 4-H and FFA Involvement and Gender On Student Success In An Introductory Animal Science Course – Margaret S. Zoglmann, Gordon F. Jones, and 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

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:** Shelley Sitton, Oklahoma State University

**Facilitator:** Jeanea 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, Western Kentucky University

**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 Buckingham Room**

**Tuesday, February 17**

### **7:30 a.m. SAAS Board of Directors Meeting Adam's Mark Executive Suite**

### **8:30 a.m. Critical Issues Discussion Forum Buckingham Room**

### **Ensuring Technical Content**

**Leader:** John C. 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**

### **SAERC Future Dates and Locations:**

**February 5-9, 2005 – Little Rock, Arkansas  
Hosted by Louisiana**

**2006 – Orlando, Florida  
Hosted by Tennessee**

**2007 – Mobile, Alabama  
Hosted by South Carolina**