

American Association for Agricultural Education
Annual Conference -- Minneapolis, MN
May 15-19, 2007

Tuesday May 15		
7:00-4:00 p.m.	Registration	West Wing Lobby
8:30-10:00 p.m.	Executive Committee	Northrop
	JEA Editing Managing Board	Coffman
Wednesday May 16		
8:00 a.m. – 1:00 p.m.	Registration	West Wing Lobby
7:30 a.m.	Continental Breakfast	University A&B
8:00 a.m. - noon	Professional Development Workshop	University A&B
1:00-2:30	Innovative Idea Poster Session	Humphrey Ballroom
<p>Growing a Nation: The Story of American Agriculture, <i>Debra Spielmake, Utah State University</i></p> <p>Arizona's Challenge: A Process worth Duplicating, <i>Ginnie Bushong, Ed Franklin, Billye Foster, Jack Elliot, University of Arizona</i></p> <p>The Development of Communication Strategies through Partnerships Between Community Groups and the Department of Agricultural Education, <i>Kyle Sharp, Jack Elliot, Billye Foster, University of Arizona</i></p> <p>Recruiting Students for Agricultural Careers Through CSI: Agriculture, <i>Kirk A. Swortzel, Jacquelyn Deeds, Mississippi State University</i></p> <p>Technology Bridges for Student Achievement in Agricultural Education, <i>John Ricketts, Jason Peake, Brian Parr, Dennis Duncan, John Wiggins, Kellie Thompson, The University of Georgia</i></p> <p>AED 104: "An Agriculture Bridge Program" Introduction to Agricultural Education, Leadership and Life Knowledge, <i>Stacy Vincent and Jay Morgan, Murray State</i></p> <p>Competitive Professional Development: Everyone Wins! <i>Travis Park, Terry Hughes, et al, Cornell University</i></p> <p>Instructional Methods and Laboratory Safety in Agricultural Mechanics: A Crash Course for Student Teachers, <i>Greg Miller & Jon K. Davis, Iowa State University, Gilbert Community Schools</i></p> <p>Ideas for Developing and Testing Questionnaires/Instruments, <i>Rama B. Radhakrishna, The Pennsylvania State University</i></p> <p>"All the World's a Stage": Embedding International Perspectives into Leadership Education, <i>Kristina G. Ricketts, Penn State University</i></p> <p>A Collaborative Experience: Partnering with a Local Agricultural Education Program to Provide Teaching Opportunities for Pre-Service Teacher Candidates, <i>John C Ewing, Dennis C. Scanlon, Paul Heasley, Penn State University</i></p> <p>Adaptations to Increase Participation in Customer Satisfaction Measurement, <i>Paul Pope, Kyle Merten, Chris Boleman, Texas A&M University</i></p> <p>Agricultural Science Education: Becoming a Part of Community Food Systems, <i>Jennifer E. Rivera, Ashley A. Brander, Michigan State University</i></p> <p>Agricultural Algebraic Extensive Exploration (A2E2), <i>Misty Lair & Robert L. Williams, Texas A&M University - Commerce</i></p> <p>Communities of Practice as a Means of Agriscience Teacher Retention, <i>Ann M. De Lay & Shannon Washburn, University of Florida</i></p> <p>Empower: Integrating Innovative Teaching Strategies, <i>Shannon T. Allen, & Tammy C. Halsey, Virginia Tech</i></p> <p>Improving Arkansas' 4-H State O'Rama Agricultural Communications Events, <i>Macey A. Panach, Jefferson D. Miller, & Cassandra Cox, University of Arkansas</i></p>		

Increasing Global Competence of Future Educators and Communicators through an Experiential Study Tour of South Korea, *Mary E. Stubblefield, Neil A. Knobloch, & Sarah E. Hileman, University of Illinois*
 Learning for Tomorrow: Connecting Teacher Candidates to Useful Technologies, *Matthew Spindler, State University of New York at Oswego*
 Strategies for Linking Theoretical Framework and Research Types, *Rama Radhakrishna, Edgar Young, John Ewing, Penn State University*
 Student Teacher Data Collection System, *Jason Peake, Brian Parr, Dennis Duncan, & John Ricketts, University of Georgia*
 The Utilization of Concept Maps in Evaluating Leadership Comprehension, *Jennifer Williams, Cindy Blackwell, Oklahoma State University*
 Using Virtual Vee Maps to Assess Laboratory Instruction, *Andrew Thoron, Brian Myers, University of Florida*

2:30 – 2:45	Break	West Wing Lobby
2:45 – 4:15	Committee Meetings	
	Research	President's
	Professional Development	Coffman
	Program Improvement	Collegiate
	Member Services	Northrop
4:15	Free time and Dinner on your own	
7:00 – 9:00 p.m.	Barrick Symposium	Humphrey Ballroom
Thursday May 17		
7:00 - 8:00 a.m.	Registration	West Wing Lobby
8:00 - 8:30 a.m.	Opening Session and Welcome	Humphrey Ballroom
9:00-10:30 a.m.	Concurrent Research Session I	

Extension I - Nolte Room

Chair: Vern Luft, University of Nevada, Reno

Facilitator: Kattyln Wolf, The Ohio State University

West Virginia County Commissioners' Perceptions of the Farmland Preservation Program
Deborah A. Boone, Tina Wickline, Harry N. Boone, Jr., & Stacy Gartin, West Virginia University

Factors Related to the Developmental Experiences of Youth Serving as 4-H Camp Counselors
David N. Carter, Mississippi State University; Joe W. Kotrlik, Louisiana State University

Factors Influencing Individual Job Performance of Extension Agents in the Mississippi State University Extension Service
John L. Long & Kirk A. Swartzel, Mississippi State University

Factors Influencing Job Satisfaction of Extension Agents in the Mississippi State University Extension Service
John L. Long & Kirk A. Swartzel, Mississippi State University

Teacher Education I - Northrop

Chair: Anna Ball, University of Florida

Facilitator: Mary Ellen Pautler, University of Tennessee, Knoxville

Assessment of Creativity and Job Satisfaction of Second Year Agricultural Education Teachers
Mollie Aschenbrener, Robert Terry, Robert Torres, & Amy Smith, University of Missouri-Columbia

Elementary Teachers' Attitudes and Stages of Concern About an Agricultural Literacy Curriculum
Kimberly A. Bellah, Tarleton State University; James E. Dyer, University of Florida

Testimonies From Four Agricultural Education Student Teachers Related to Completing an International Student Teaching Experience in New South Wales, Australia
Carrie Ann Fritz & David Little, University of Tennessee, Knoxville

Perceptions of Supervision Practices by Agricultural Education Student Teachers
Moreetsi Thobega, Botswana College of Agriculture; Greg Miller, Iowa State University

Teacher Professional Development I - Coffman

Chair: Jerry Peters, Purdue University

Facilitator: Daniel Foster, The Ohio State University

Professional Roles and Responsibilities: Challenges for Induction Teachers
Scott Burris & Jaime Keller, Texas Tech University

A Classroom Assessment of Agriculture Teachers' Cognitive Behaviors
Jonathan D. Ulmer & Robert M. Torres, University of Missouri-Columbia

The Role of the Total Program Model in Urban Agricultural Education
Wendy J. Warner, California Polytechnic State University; Shannon G. Washburn, University of Florida

A Grounded Theory Description of Novice Urban Agriculture Teachers' Career Experiences
Wendy J. Warner, California Polytechnic State University; Shannon G. Washburn, University of Florida

University Teaching I - Regents Room

Chair: Tracy Kitchel, University of Kentucky

Facilitator: Michael Martin, University of Illinois

Doctoral Content in 2010: Perceptions of U.S. Scholars Engaged in Agricultural Education
Matt Baker, Texas Tech University; Glen Shinn & Gary Briers, Texas A&M University

Teaching Techniques Used by Professors in a College of Agriculture and Their Relationship to Cognitive Levels of Discourse
John C. Ewing, The Pennsylvania State University; M. Susie Whittington, The Ohio State University

It's in the Genes: Exploring Relationships between Critical Thinking and Problem Solving in Undergraduate Agri-science Students' Solutions to Problems in Mendelian Genetics
Curt Friedel, Louisiana State University; Tracy Irani, University of Florida; Emily Rhoades, The Ohio State University; Nicholas Fuhrman & Maria Gallo, University of Florida

Faculty Perceptions of the Undergraduate Mentoring Process in the College of Agriculture at Iowa State University
Ashley J. Wolfe, Grinnell Community Schools; Michael S. Retallick, Robert A. Martin, & Charles Steiner, Iowa State University

11:00-11:45

Special Interest Groups

	Agricultural Communication	Alumni
	Agricultural Literacy	Alumni
	Agricultural Leadership	President's
	Distance Education	President's
	Extension Education/International	President's
	Strengthening Academic Learning Through Ag Ed	Faculty
	Teacher Education and SBAE Programs	Faculty
	Teacher Professional Development	Faculty
	Teaching and Learning in University Academic Programs	Coffman
	New Professionals	Coffman
11:45 a.m. – 1:45 p.m.	Distinguished Lecturer Luncheon	Humphrey Ballroom
2:00 – 3:00 p.m.	First Business Session	Humphrey Ballroom
3:10 - 5:30	Tour of Ag and Food Sciences Academy and UM-St. Paul Campus—Buses sponsored by Mississippi Farm Bureau	
Friday May 18		
7:30 - 9:00 a.m.	Research Poster Session and Continental Breakfast	Humphrey Ballroom
<p>Teach Ag- Will Travel?, <i>Steven J. Rocca, California State University, Fresno</i></p> <p>Improving Tracking of Agricultural Teacher Movement, <i>Michael Spiess, California State University, Chico</i></p> <p>The Update and Validation of the Professional Education Competencies in Agricultural Education at the University of Arizona, <i>Quintin F. Molina, Jack Elliot, Billye Foster, Heather R. Jepsen, The University of Arizona</i></p> <p>An Analysis of Course Evaluation: Quality of Teaching and Overall Value of the Course, <i>Tracy Kitchel, Charles Cordell Jenkins, J. Shane Robinson, The University of Kentucky</i></p> <p>Do Review Games Affect Test Scores?, <i>Creena Sheely, Nancy E. Jack, Don Herring, University of Arkansas</i></p> <p>Tracking the Employment and Pathways of College of Agriculture, Food and Natural Resources, <i>Shane Robinson and Joey Blackburn, University of Kentucky</i></p> <p>Institutional Factors and Characteristics Which May Impact Recruitment In Colleges of Agriculture (COAs), <i>Stephanie Shertzer & Tracy Hoover, The Pennsylvania State University</i></p> <p>A Comparison of Youth Leadership Needs by Agriculture Students and Their Teachers, <i>James C. Anderson II, Jonathan Ulmer, & Robert M. Torres, University of Missouri-Columbia</i></p> <p>AgrAbility Program: Saving Farms and Helping Farmers to Stay in Farming, <i>Connie D. Baggett, Rama B. Radhakrishna, & Linda M. Fetzer, The Pennsylvania State University</i></p> <p>Allocation of Hours During the Student Teaching Experience, <i>Darcy J.C. Nekolny & Tim Buttles, University of Wisconsin – River Falls</i></p> <p>An Evaluation of the Beef Cattle Industry's use of Communication Channels to Obtain Information Regarding Food Safety, <i>Laura Lemmons, Moriah Jennings, Texas Tech University</i></p> <p>Barriers and Benefits to the Student Teacher-Cooperating Teacher Relationship, <i>Tracy Kitchel & Cameron C. White, University of Kentucky</i></p> <p>Change in Self-Perceived Knowledge as a Result of Participation in The National FFA Organization's New Century Farmer Program, <i>Kevin Williams, Scott Burris, Cindy Akers, Jim Armbruster, Texas Tech University</i></p> <p>Facing the Reality of Demand for Online Courses: Challenges and Alternatives, <i>K.S.U. Jayarantne, Jim Fowers, Gary Moore, & A. Benavente, North Carolina State University</i></p> <p>FFA Leadership Development: Role of Members in Chapter Activities, <i>Robin Peiter Hortsmeier, Cameron White, Brittany Wilkinson, University of Kentucky</i></p> <p>Middle School Agricultural Education Programs: Source of Growth or Area of Improvement, <i>John Rayfield & Barry Croom, North Carolina State University</i></p>		

Perceptions of College of Agriculture Students Regarding, Limitations, Preferences, and Importance of International Travel Experiences, *David Agnew, Paul Armah, & Tammy Pannells, Arkansas State University*

Rural Korean Students' Level of Interest and Intentions to Pursue Careers in Agriculture, *Levon T. Esters & Neil Knobloch, Iowa State University & University of Illinois Urbana - Champaign*

Student Perceived Benefits of Peer-Assisted Instruction, *Jonathon J. Velez & Kattlyn J. Wolf, The Ohio State University*

9:15 – 10:45 a.m.

Concurrent Research Session II

Academic Integration - Northrop

Chair: Brian Parr, University of Georgia

Facilitator: Kevin Williams, Texas Tech University

Science Integration in Secondary Agriculture: A Review of Research

Mary H. Brister & Kirk A. Swortzel, Mississippi State University

Science, Math, Social Studies, and Language Arts Achievement of High School Students in Complete Programs of Agriscience Education

Todd Shultz, Jackson County Comprehensive High School; Dennis W. Duncan, John C. Ricketts, & Ray V. Herren, University of Georgia

Collaboration Between Science and Agriculture Teachers

Lee G. Stephenson, Grace High School; Brian K. Warnick & Rudy S. Tarpley, Utah State University

Effects of a Math-Enhanced Curriculum and Instructional Approach on Students' Need for Post-secondary Remediation in Mathematics: A Year-long Experimental Study in Agricultural Power and Technology

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

Ag Communication/Distance Ed - Coffman Room

Chair: Dennis Duncan, University of Georgia

Facilitator: Kim Anderson, University of Georgia

Internet as an Information Source: Attitudes and Usage of Students Enrolled in a College of Agriculture Course

Emily Rhoades, The Ohio State University; Tracy Irani, Ricky Telg, & Brian Myers, University of Florida

Agricultural Education in a Virtual World: Assessing a Web-based Multimedia Approach to Greenhouse Education

Emily Rhoades, The Ohio State University; Tracy Irani, University of Florida

Effect of Location and Education on Perceptions and Knowledge about Agriculture

Erin A. Smith, & Travis D. Park, Cornell University; Michele Sutton, Tompkins-Seneca-Tioga BOCES – New Visions

Cotton, Rice, Soybean and Sugarcane Farmer Stakeholders: Who Are They?

Robert J. Soileau, Louisiana State University Agricultural Center; Joe W. Kotrlik, Louisiana State University

Leadership I - Nolte

Chair: Lori Moore, University of Idaho
Facilitator: Jen Williams, Oklahoma State University

An Assessment of the Leadership Development Needs of Urban Agriculture Students
James C. Anderson II, Robert M. Torres, & Jonathan M. Ulmer, University of Missouri-Columbia

I Believe in the Future of Agriculture: Historical Perspectives of the FFA Creed
James J. Connors & Jonathan Velez, The Ohio State University

Agriculture Students' Leadership Development: A National Needs Assessment
Jonathan D. Ulmer, James C. Anderson, Robert M. Torres, & Ann M Ulmer, University of Missouri-Columbia

A View from the Top: Perceptions of Student Leaders in the FFA Organization Regarding Key Teacher and Program Characteristics that Impacted Leadership Development
Marlene F. von Stein & Anna L. Ball, University of Florida

University Teaching II - Regents
Chair: Kyle McGregor, Tarleton State University
Facilitator: Andrew Thoron, University of Florida

An Assessment of the Employability Skills Needed by College of Agriculture, Food and Natural Resources Graduates at the University of Missouri-Columbia
J. Shane Robinson, University of Kentucky; Bryan L. Garton, University of Missouri-Columbia

Comparison of Factors Influencing the College Choice of FFA and Non-FFA Members into a College of Agriculture
Steven J. Rocca, California State University, Fresno & Shannon G. Washburn, University of Florida

Secondary Agriculture Enrollment and FFA Participation as Predictors of Collegiate Academic Success and Retention
Amy R. Smith & Bryan L. Garton, University of Missouri-Columbia; Tracy Kitchel, University of Kentucky

Demonstrating Professionalism as a University Faculty Member in Agricultural Education: A Delphi Study
Kirk A. Swortzel & Jacquelyn P. Deeds, Mississippi State University; Jason A. Rogers, Haliburton

10:45	Break	West Wing Lobby
11:00 a.m. – 12:30 p.m.	Special Interest Groups	
	Ag Communication	Northrop
	Ag Literacy	Northrop
	Ag Leadership	Northrop
	Teacher Education	Regent's
	Teacher Professional Development	Regent's
	Extension/International Education	Nolte
	Distance Education	Nolte
	Academic Learning Through Ag Ed	Nolte
	University Academic Programs	Coffman
	New Professionals	Coffman

12:30 - 2:00 p.m.	Lunch on your Own	
2:00 – 3:30 p.m.	Concurrent Research Session III	
<p>Extension II - Northrop Chair: Jackie Bruce, Pennsylvania State University Facilitator: Kyle Merten, Texas A&M University</p> <p>Texas 4-H Agents' Perceptions of Selected Competencies in the 4-H Professional Research, Knowledge, and Competency Model <i>Amy Harder & Gary J. Wingenbach, Texas A&M University</i></p> <p>A National Assessment of Beef Cattle Producers' Educational Needs Regarding Pre-Harvest Food Safety <i>Moriah Jennings, Todd Brashears, Scott Burris, Chad S. Davis, & Mindy Brashears, Texas Tech University</i></p> <p>Analyzing the Need for Vocational Training to Improve Agricultural Productivity for Small Scale Producers in Uganda. <i>Thomas K. Kipkurgat, David Lawver, Mathew Baker, Philip Johnson, Steve Frazee, & Susie Bullock, Texas Tech University</i></p> <p>Analysis of the Annual Growth of Hispanic Participants in Food Stamps Program in South Carolina Over A Four-Year Period (2000-2003) <i>Christopher C. Mathis, Jr. & Shobha R. Choudhari, South Carolina State University</i></p>		
<p>Leadership II - Coffman Chair: Chris Townsend, Texas A&M University Facilitator: Ann DeLay, University of Florida</p> <p>Personal Characteristics Of Agricultural Education Teachers And The Association With Preferred Leadership Style <i>Bradley C. Greiman & Leah S. Addington, University of Minnesota; Timothy G. Larson, Medford High School; Keith R. Olander, Long Prairie-Grey Eagle High School</i></p> <p>The Importance of Leadership Skills and Self-Perceived Proficiency of Leadership Skills by College of Agriculture Academic Program Leaders <i>David W. Jones, North Carolina State University; Rick D. Rudd, Virginia Tech University</i></p> <p>Transactional, Transformational, or Laissez-Faire Leadership: An assessment of College of Agriculture Academic Program Leaders (Deans) Leadership Styles <i>David W. Jones, North Carolina State University; Rick D. Rudd, Virginia Tech University</i></p> <p>Impact of the College of Agriculture and Life Sciences State FFA Officer Support Program <i>Brandon D. Leister, James Knight, David Cox, & Billye Foster, University of Arizona</i></p>		
<p>Teacher Education II - Nolte Chair: Levon Esters, Iowa State University Facilitator: Doug LaVergne, Texas A&M University</p> <p>Agricultural Education Student Teachers' Self-Efficacy in Classroom Management <i>Kattlyn J. Wolf, Daniel D. Foster, & Robert J. Birkenholz, The Ohio State University</i></p> <p>Why Do Agricultural Education Teachers Continue to Teach? A Qualitative Analysis</p>		

Harry N. Boone, Jr. & Deborah A. Boone, West Virginia University

Distribution of Time Usage Among Agriculture Education Teachers: A Comparison of Workloads
Robert M. Torres, Jonathan Ulmer, & Mollie Aschenbrener, University of Missouri-Columbia

Novice Teachers' Decisions to Teach Agricultural Education in Urban Schools
Wendy J. Warner, California Polytechnic State University; Shannon G. Washburn, University of Florida

Teacher Professional Development - Regents
Chair: Antione Alston, North Carolina A&T University
Facilitator: Aaron Bednarz, Texas Tech University

The Evolution Of The Integrated Three-Component Model Of Agricultural Education
Barry Croom, North Carolina State University

Building Social Capital through Secondary Agricultural Education Programs
Michael J. Martin, University of Illinois at Urbana-Champaign; Anna L. Ball, University of Florida; Stephen Gasteyer, University of Illinois at Urbana-Champaign

New York Agricultural Science Teacher Professional Growth: Empowering Teachers to Improve their Practice and the Profession
Travis D. Park & Donna M. Moore, Cornell University; Jennifer E. Rivera, Michigan State University

Demonstrating Professionalism as an Agricultural Education Teacher: A Delphi Study
Kirk A. Swortzel & Jacquelyn P. Deeds, Mississippi State University; Jason A. Rogers, Halliburton

3:30 – 5:00 p.m.	Second Business Meeting and Break	University Ballroom A
5:45 p.m.	Awards Banquet	Humphrey Ballroom
8:00-10:00 p.m.	2007-2008 Executive Committee	President's Room