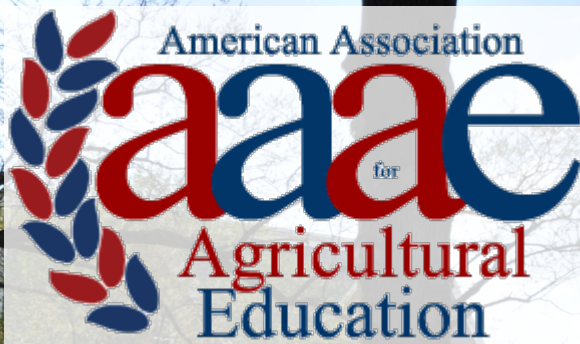


**American Association for Agricultural Education Annual Conference**

**May 21-24, 2013 – Columbus, Ohio**

***“Teaching the NeXt Generation”***





**“Teaching the NeXt Generation”**  
**American Association for Agricultural Education**  
**Annual Conference**  
**May 21-24 – Columbus, Ohio**

**Monday, May 20**

8:00 a.m. – 4:00 p.m.      **Teacher Education Strategic Planning Group**  
OFBF Conference Rooms

**Tuesday, May 21**

8:00 a.m. – 12:00 p.m.      **Teacher Education Strategic Planning Group**  
OFBF Conference Rooms

9:00 a.m. – 4:00 p.m.      **The Ohio State University On-Line Master’s Program**  
Hickory Boardroom

1:00 p.m. – 5:00 p.m.      **AAAE Conference Registration**

1:00 p.m. – 4:30 p.m.      **SDC343 Multi-State Research Project**  
Scioto

1:00 p.m. – 5:00 p.m.      **Great Plains AG\*IDEA**  
Heritage

3:00 p.m. – 4:30 p.m.      **AAAE Board of Directors Meeting**  
Kingsmill

3:00 p.m. – 4:30 p.m.      ***Journal of Agricultural Education* – Editing-Managing Board**  
Riviera

4:00 p.m. – 5:00 p.m.      **Coaching and Mentoring Program Meet and Greet**  
Fusion

5:00 p.m. – 6:00 p.m.      **First-Time AAAE Member and Graduate Student Reception**  
Fusion

6:00 p.m. – 7:00 p.m.      **Welcome and Opening General Session**  
Muirfield

7:00 p.m. – 8:00 p.m.      **Barrick Seminar**  
*“Getting Teaching Preparation Right”*  
*Dr. Donald Cruickshank, Professor Emeritus*  
*College of Education and Human Ecology – The Ohio State University*

8:00 – 9:00 p.m.      **Innovative Poster Session and Ice Cream Social**  
Pre-Function Area  
*Sponsored by Lincoln Electric*

**NOTE: Posters must be in place by 6:00 p.m. Posters to be removed by 10:00 p.m.**

**Wednesday, May 22 – University Logo Day**

**(University Shirts and Casual Slacks)**

7:00 a.m. – 12:00 p.m.	Conference Registration
7:30 a.m. – 10:30 a.m. Suite 1119	<b>SDC 343 Multi-State Research Project Meeting</b>
6:30 a.m. – 8:00 a.m. Pre-Function	<b>Continental Breakfast</b>
7:30 a.m. – 9:00 a.m.	<b>AAAE Special Interest Group (SIG) Meetings</b> Check Registration Desk for Locations
9:15 a.m. – 10:45 a.m. Kingsmill	<b>Department Chairs and NCAC-024 Multi-state Committee Meeting</b>
9:15 a.m. – 10:45 a.m. Fusion Riviera Scioto Heritage	<b>AAAE Committee Meetings</b> - <b>Research Committee</b> - <b>Professional Development Committee</b> - <b>Program Improvement Committee</b> - <b>Member Services Committee</b>
9:15 a.m. – 11:00 a.m. Hickory	<b>Texas A&amp;M/Texas Tech Doc @ a Distance</b>
11:00 a.m. – 12:00 p.m. Muirfield	<b>AAAE General Session and Distinguished Lecture</b>
12:15 p.m.	Load Buses and Travel to Columbus Zoo
1:00 p.m. – 2:30 p.m.	<b>Lunch and Zoo Animal Event</b> <i>Sponsored in part by ACTE – Association for Career and Technical Education</i>
2:30 p.m. – 4:30 p.m.	<b>Visit the Zoo</b>
4:30 p.m.	Load Buses and Travel to Ohio State
5:15 p.m. – 6:15 p.m.	<b>Bus Tour of OSU campus</b>
6:30 p.m. – 8:30 p.m.	<b>Dinner and Knapp Seminar</b> <b><i>“Extension – Evolving and Building on our Land-Grant Mission”</i></b> <b>Dr. Keith L. Smith, Associate Vice President, Agricultural Administration and Director, OSU Extension</b>
Ohio Union Great Hall Meeting Room	<i>(Hosted by Ohio State’s Agricultural Education Society, Agricultural Communicators of Tomorrow, and the Department of Agricultural Communication, Education, and Leadership Graduate Student Association)</i>
8:30 p.m.	Load buses and return to Crowne Plaza
9:00 p.m. – 10:30 p.m. Suite 1119	<b>President’s Hospitality Reception</b>

## Thursday, May 23

6:30 a.m. – 7:30 a.m. Hickory	<b>Academy of Fellows Committee</b>
6:30 a.m. – 7:30 a.m. Pre-Function	<b>Continental Breakfast</b>
7:00 a.m. – 8:00 a.m. Heritage	<b>AAAE NC Region Executive Board Meeting</b>
8:00a.m. – 9:30 a.m. Muirfield	<b>Professional Development Workshop</b> <i>“Teaching Today’s Learners”</i> Dr. Mark Taylor, M.S.W., Ed.D.
9:30 a.m. – 9:45 a.m.	<b>Break</b>
9:45 a.m. – 11:00 a.m. Muirfield	<b>AAAE Business Meeting</b>
11:00 a.m. – 12:00 p.m. Pre-Function	<b>Research Poster Session</b> <b>NOTE: Posters must be in place by 8:00 a.m. and removed by 12:15 p.m.</b>
12:00 p.m. – 1:30 p.m. Muirfield	<b>Keynote Address and Lunch</b> <i>“Meet Generation NeXt: Understanding and Teaching Today’s Learners”</i> Dr. Mark Taylor, M.S.W., Ed.D.
2:00 p.m. – 3:30 p.m. Gallery C Scioto Kingsmill Riviera Fusion	<b>AAAE Research Sessions</b> - Concurrent Session A - Concurrent Session B - Concurrent Session C - Concurrent Session D - Concurrent Session E
3:30p.m. – 4:00 p.m.	<b>Break</b>
4:00 p.m. – 5:30 p.m. Gallery C Scioto Kingsmill Riviera Fusion	<b>AAAE Research Sessions</b> - Concurrent Session A - Concurrent Session B - Concurrent Session C - Concurrent Session D - Concurrent Session E  <b>Dinner – On Your Own</b>
6:00 p.m.	<b>Ohio State University Alumni Dinner – Buca di Beppo</b> <b>University of Florida Alumni Dinner – Barley’s Brewing Company</b> <b>University of Missouri Alumni Dinner – Gordon Biersch</b>
7:30 p.m.	<b>Columbus Clippers Baseball Game (vs. Syracuse)</b>
9:30 p.m. – 10:30 p.m. Suite 1119	<b>President’s Hospitality Reception</b>

## **Friday, May 24**

7:00 a.m. – 8:30 a.m. Pre-Function Space	<b>Continental Breakfast</b>
7:00 a.m. – 8:30 a.m.	<b>Texas A&amp;M/Texas Tech Breakfast – Max &amp; Erma’s</b>
8:30 a.m. – 10:00 a.m. Gallery C Scioto Kingsmill Riviera Fusion	<b>AAAE Research Sessions</b> - Concurrent Session A - Concurrent Session B - Concurrent Session C - Concurrent Session D - Concurrent Session E
10:00 a.m. – 10:15 a.m.	<b>Break</b>
10:15 a.m. – 11:30 a.m. Muirfield	<b>AAAE Business Meeting</b>
12:15 p.m. – 1:45 p.m. Muirfield	<b>AAAE Awards Luncheon</b>
2:00 p.m. – 3:00 p.m. Kingsmill	<b>AAAE Executive Board Meeting</b>

## ***Innovative Poster Presentations – May 22***

### ***A Dichotomous Key: Helping Students find their Path in SAE***

Eric D. Rubenstein & Dr. Andrew C. Thoron - *University of Florida*

### ***Agricultural Mechanics Round Robin Training Seminar***

Nathan D. Clark & Dr. Kellie J. Enns - *Colorado State University*

### ***An Innovative Approach to Enhance SAE Participation: Utilization of the Texas SAE Builder***

Lindsey Latham, John Rayfield, Roger Hanagriff - *Texas A&M University*

### ***An Urban Fair for Underrepresented Youth in 4-H: The Baltimore City 4-H Expo***

Andrea M. Kneer, Douglas D. LaVergne, Joshua E. Rice, Stacy A. Gartin - *West Virginia University*

### ***Animal Science 101: Back to the Basics***

Blake Bloomberg, Dan Stein, Rachel Thornberg, Jon W. Ramsey - *Oklahoma State University*

### ***Becoming a Social Media Content Curator: Using Storify in the Agricultural Communications Classroom***

Chelsey Ann Ahrens and Dr. Courtney Meyers - *Texas Tech University*

### ***Big Brother is Watching...Utilizing Split-Screen Technology to Enhance Teacher Efficacy***

Preston Byrd, Matt Shultz, Dusty Perry, & Ryan Anderson - *Iowa State University*

### ***Blogging through Uganda: A Way for Undergraduate Agricultural Students to Reflect on a Learning Experience in International Agricultural Development***

Stephen Tillinghast, Katie Vaz, Ashton Mese, Jon W. Ramsey, M. Craig Edwards, D. Dwayne Cartmell II, Shelly Sitton, Traci Naile - *Oklahoma State University*

### ***Clearer Graphic Representation of the School-Based Agricultural Education Program***

Andrew C. Thoron, Eric D. Rubenstein, & R. Kirby Barrick - *University of Florida*

### ***Connecting National Research Council Reports: Development of an Agricultural Literacy Course***

Ryan Foor - *University of Arizona*

### ***Developing Essential Skills by Focusing on Leadership***

Tyson Sorensen, Kellie Strawn, Aaron McKim, & Jonathan Velez - *Oregon State University*

### ***Developing Reflective Practitioners through VoiceThread Technology***

Laura Sankey & Daniel Foster - *Pennsylvania State University*

### ***Developing Resources to Help Agricultural Communications Students Prepare for the Grammar, Spelling, and Punctuation Exam***

Shawna Newsome, Kelsey Shaw, Maddee Moore, Dr. Courtney Meyers - *Texas Tech University*

### ***Drawing on Deeper Understanding: Using Concept Maps to Encourage Critical Thinking in Agricultural Communications***

Nellie Hill & Dr. Courtney Meyers - *Texas Tech University*

### ***Edmodo: Social Networking for Education***

Amanda Kacal, Nicholas R. Brown, Jon W. Ramsey - *Oklahoma State University*

### ***Engaging Agriculture Faculty as Leadership Mentors of College Undergraduate Students***

Tyson Sorensen, Kellie Strawn, Aaron McKim, & Jonathan Velez - *Oregon State University*

***Engaging Globally Through the Fulbright Specialist Program: Opportunities for Agricultural Educators***

Greg Miller - *Iowa State University*

***Enhancing Student Led Presentations Using Prezi***

Steven Boot Chumbley, Mark Russell - *Eastern New Mexico University, University of Arkansas*

***Expanding Communication Opportunities: Blogs for Agricultural Communication Programs***

Jennifer Ray & Ann De Lay - *California Polytechnic State University, San Luis Obispo*

***Flip It or Flop It: Semi-flipping Classes to Promote Student Engagement***

Courtney Gibson & Erica Irlbeck - *Texas Tech University*

***FOCUS on Building Science Proficiency***

Diana King - *University of Georgia*

***Growing Connections with Junior Master Gardeners***

Shannon Arnold & Danica Jamison - *Montana State University*

***Launching Agricultural Education Programs for At-Risk Students***

Kasee L. Smith, Rebecca G. Lawver - *Utah State University*

***Making Agricultural Research Come to Life for High School Students: A STEM Initiative for Agricultural Education***

Dr. Jeremy Pattison, David Overcash, Laura Allen, Joy Marshall, Dr. Jim Flowers - *North Carolina State University*

***Performing a Lesson Plan Checkup: Utilizing the Tuning Protocol to Provide Peer Feedback for Student Teachers***

Thomas H. Paulsen - *Iowa State University*

***Pin It! Using Pinterest in the Agricultural Mechanics Laboratory***

Josie Rudolpi & Ryan Anderson - *Iowa State University*

***Preparing for the Transformative Learning Experience: Teacher Candidate Summative Reflection Presentations***

Daniel Foster, Laura Sankey, & John Ewing - *Pennsylvania State University*

***Public School Partnerships for Training Beginning Hispanic Farmers & Ranchers***

Mirian Ortez, Kandy Rojas, Baleshka Brenes, Teresa Duch-Carvallo, Jose Lopez, & Robert Williams - *Texas A&M University - Commerce*

***Putting It in Perspective: Using the Teaching Perspectives Inventory as a Teaching Tool***

Amy R. Smith - *University of Minnesota*

***Reaching Adult Learners through Educational Games: A Focus on Integrated Pest Management Applications***

Nikki E. Bailey & Dr. Shannon Arnold - *Montana State University*

***Red Light, Green Light: Using the Start, Stop, Continue Method for Teacher Evaluations***

Chelsey Ann Ahrens, Courtney Gibson, & Kate Gracey - *Texas Tech University*

***Rolling with Leadership***

Jon C. Simonsen, Jonathan J. Velez, Robert J. Birkenholz, & Aaron J. McKim - *Oregon State University, University of Missouri, Ohio State University*

***Sowing the Seeds of Social Media: Lessons Learned from Teaching Producers about Social Media Technology***

Courtney Gibson, Erica Irlbeck, Courtney Meyers, Katie Abrams, & Chris Morgan - *Texas Tech University, University of Illinois, University of Georgia*

***Specialty Crop Growers Apprenticeship Program***

Joy Bauman, Brad Bergefurd, & Graham R. Cochran - *The Ohio State University*

***Teachers <3 Remind101 and Students Do 2!: Using Remind101 as a Classroom Communication Tool***

Rachel Bobbitt, Ruth Inman, & Elizabeth Bertrand - *Texas Tech University*

***Teaching Agricultural Literacy and Critical Thinking to College Of Agriculture Freshmen at Oklahoma State University Using the Case Study and Debate Methods***

Cameron Jones, Kelly J. Pinnick, Trent Hughes, & J. Shane Robinson - *Oklahoma State University*

***Teaching by Tweeting: Using Social Media as a Teaching Tool in Agriculture Education***

Beverley Kreul & Chaney Mosley - *Metro Nashville Public Schools*

***Tennessee FFA Convention Media Vault: An Agricultural Communications Service and Public Relations Project***

Beverley Kreul & John C. Ricketts - *Tennessee State University*

***The Experiential Learning Lab: A Pathway to Real World Experience***

Morgan M. Large & Jefferson D. Miller - *University of Arkansas*

***The SAE Struggle***

Andrew Baker & Jay Solomonson - *Western Illinois University*

***The Sixth Sense...Developing an Agricultural Mechanics Laboratory Awareness***

Dustin Perry, Preston Byrd, Matt Shultz, & Dr. Ryan Anderson - *Iowa State University*

***Using an FFA Greenhand Night as an Early Field Experience***

Douglas Masser & Jeremy Falk - *University of Idaho*

***Research Poster Presentations – May 23***

***The Perceived Benefits of Mentoring Programs on Stress Levels for Female Agricultural Education Teachers***

Diana King, K. Jill Rucker, Dennis Duncan, & Aubrey Lowery - *University of Georgia*

***Using the Texas SAE Builder Tool to Assess Current Interests and Students' Perceived Knowledge Concerning Supervised Agricultural Experiences***

Will Doss, Roger Hanagriff, & John Rayfield - *Texas A&M University*

***A Case Study of Ohio State University Extension's 2009 Organizational Restructuring: Perceptions from Area Leaders and Regional Directors***

Frances Kremer, Graham R. Cochran, & Theresa M. Ferrari - *The Ohio State University*

***Agricultural Education Teachers' Competence with SAEs***

John A. Workman, Harry N. Boone, Jr., Deborah A. Boone, & Douglas D. LaVergne - *West Virginia University*

***Agricultural Industry Perceptions on Leadership Perceptions, Skills, and Traits***

Donald Metzger, Scott Smalley, Michael Retallick, & Bradley Greiman - *Iowa State University, University of Minnesota*

***An Assessment and Analysis of Self-Consciousness of Undergraduate Students Enrolled in a Leadership in Agriculture Course***

Guang Han & Awoke Dollisso - *Iowa State University*

***An Investigation of the Effect of Leadership Change on Organizational Climate***

Laura Lemons, Shawna Newsome, & Dr. Todd Brashears - *Texas Tech University*



***Are They Competent? An Evaluation of Post-secondary Agricultural Education Students' Agricultural Mechanics Knowledge***

Trent Wells, Dr. Brian Parr, & Dr. Ryan Anderson - Iowa State University, Auburn University, Iowa State University

***Assessment of Student Engagement and Discourse During***

Jessica Blythe & Brian E. Myers - University of Florida

***Becoming an Ag Teacher: Student Teachers Speak***

Adam Marx, Erica Thieman, & Tracy Kitchel - University of Missouri

***Conference Research Abstracts versus Papers: NC AAEE Perspective***

Michael S. Retallick, Harry Boone, & Brad Greiman - Iowa State University, West Virginia University, University of Minnesota

***Cooperating Teachers' Perceptions of Coteaching in Agricultural Teacher Candidate Preparation***

Erica Guido & Ann M. De Lay - California Polytechnic State University, San Luis Obispo

***Discrepancy Analysis of Secondary Agricultural Science Teacher's Ability to Teach, Ability to Perform and Knowledge Factors of Social Emotional Learning in Agricultural Educational Curriculum***

Roger Hanagriff, Summer Odom, Billy McKim, & Lori Moore - Texas A&M University

***Diversifying Student Enrollment in Colleges of Agriculture through the Recruitment of Latino Students***

Joy M. Marshall, Wendy J. Warner - North Carolina State University

***Evaluation of On-Farm Food Safety Programming in Pennsylvania: Implications for Extension***

Roshan Nayak, Danile Tobin, Joan Thomson, Rama Radhakrishna, Luke LaBorde - Pennsylvania State University

***Examining Agricultural Mechanic Competencies of Former High School Agricultural Education Students***

Joshua E. Rice, Douglas D. LaVergne, Stacy A. Gartin - West Virginia University

***Factors Impacting the Instructional Curriculum Choices of Missouri School-Based Agricultural Mechanics Educators***

P. Ryan Saucier - Texas State University-San Marcos

***Hispanic Students' Experiences in a College of Agriculture: A Qualitative Study***

Gaea Wimmer, & Courtney Meyers - Mississippi State University, Texas Tech University

***"Learning to Lead" - With Your "Head" & "Heart"***

William Schledewitz - University of Nebraska-Lincoln

***Mechanics-related In-service Needs of Agriculture Teachers: Does Teaching Experience Matter?***

Matthew Shultz, Ryan Anderson, & Thomas Paulsen - Iowa State University

***Moving Toward Career Readiness - Teacher and Exhibitor Perceptions of a Ninth Grade Career Exploration Fair***

Chaney Mosley & Beverley Kreul - Metro Nashville Public Schools

***New Areas of Agriculture Teacher Efficacy Research***

Aaron J. McKim, Jonathan J. Velez - Oregon State University

***Plant Science Graduate Students' Reflection Ratings of Learner-Centered Teaching***

Melissa L. Welsh, Neil A. Knobloch - Purdue University

***Practicing What We Teach: Using Advisory Councils in Post-Secondary Education***

Aaron Scammahorn, Kirk Swortzel, Gaea Wimmer - Mississippi State University

***Recruiting Shareholders for Community Supported Agriculture Enterprises in Texas***

Dr. Kelsey Hall, Dr. Courtney Meyers, Dr. David Doerfert, Dr. Cindy Akers, & Dr. Phillip Johnson - *Utah State University, Texas Tech University*

***Relating College Student Disengagement to Motivation and Values***

Adam A. Marx, & Jon C. Simonsen - *University of Missouri*

***Relevance of student teaching skills and activities from the perspective of the student teacher***

Scott Smalley, Michael Retallick, & Thomas Paulsen - *Iowa State University*

***Revisiting Rogers' Theory for Understanding the Diffusion of Innovations: Students' Voices on Using Case Method to Critically Examine the Model and Their Learning Experiences***

M. Craig Edwards & J. Shane Robinson - *Oklahoma State University*

***Safely Managing a School-based Agricultural Mechanics Laboratory: A Focus on the Continuing Education Needs of Washington Agricultural Education Teachers***

P. Ryan Saucier, Billy R. McKim, & Michael K. Swan - *Texas State University-San Marcos, Texas A&M University, Washington State University*

***State FFA Officer Training and Development Needs Assessment***

Nina Crutchfield, Chaney Mosley, Shane Jacques, & Larry Gossen - *National FFA Organization*

***Strengthening the connection between leadership development programs and research using the Collegiate Leadership Development Model***

Elizabeth A. Foreman, & Michael S. Retallick - *Iowa State University*

***Teacher Learning Outcomes at an Agriculture-based Renewable Energy Professional Development Workshop***

Sarah J. Humke, Thomas H. Paulsen, & Nick Ohde - *Iowa State University*

***The Impact of 4-H and FFA on College Students' Decision to Major in Agriculture at a Land Grant University***

Libby Carter, Dennis Duncan, Nick Fuhrman, & Jill Rucker - *University of Georgia*

***The Impact of a Course in Agricultural Laboratories on Preservice Teachers' Level of Comfort in Laboratory Settings***

Brittany R. Dees, Catherine W. Shoulders, Andrew C. Thoron - *University of Arkansas, University of Florida*

***The Impact of Work-Related Stress on the Job Performance of Texas Agriculture Science Teachers***

Juan Garcia, P. Ryan Saucier, & Douglas G. Morrish - *Texas State University-San Marcos*

***The Situated Cognition Approach to Supervised Agricultural Experiences***

Eric D. Rubenstein & Andrew C. Thoron - *University of Florida*

***Transfer Student Experiences in a Department of Agricultural Education***

Adam Marx, & Jon C. Simonsen - *University of Missouri*

***Trends in Ethnicity Demographics of California Secondary Agricultural Education Students***

Kristopher M. Elliott, Misty D. Lambert - *Oregon State University*

***Utilizing Twitter as a Communication Tool for Expressing Concerns of Agricultural Education Student Teachers***

Jaclyn Tweeten, Dr. Thomas H. Paulsen, & Dr. Ryan G. Anderson - *Iowa State University*

***Where You Go, I Go: The Effects of Vicarious Experience on High School Agricultural Education Students' Perceptions of International Agriculture***

Laura Lemons, Candis Carraway, & Joe Barbour - *Texas Tech University*

## **RESEARCH PRESENTATIONS**

**Thursday, May 23, 2:00-3:30 p.m.**

### **Session A – Effective Integration of STEM into Agricultural Education Programs**

**Discussant:** Ed Osborne, University of Florida

**Location:** Gallery C

**Facilitator:** John Tummons, University of Missouri

#### ***The Effect of a Serious Digital Game on the Animal Science and Mathematical Competence of Secondary Agricultural Education Students: An Experimental Study***

- J. C. Bunch, Louisiana State University
- J. Shane Robinson, Oklahoma State University
- M. Craig Edwards, Oklahoma State University
- Pavlo D. Antonenko, University of Florida

#### ***Uncovering Academic Emphasis Through Agricultural Education: Knowledge of Pre-service Teachers in STEM Integration - A Cross-Case Comparison of Three Agricultural Education Pre-service Teacher Education Programs***

- J. Chris Haynes, University of Wyoming
- Bart E. Gill, Western Illinois University
- Steven Boot Chumbley, Eastern New Mexico University
- Timothy F. Slater, University of Wyoming

#### ***Does Prior Experience in Secondary Agricultural Mechanics Affect Pre-Service Agricultural Education Teachers' Intentions to Enroll in Post-secondary Agricultural Mechanics Coursework?***

- Trent Wells, Iowa State University
- Dusty Perry, Iowa State University
- Ryan Anderson, Iowa State University
- Matthew Shultz, Iowa State University
- Thomas H. Paulsen, Iowa State University

#### ***Importance and Capability of Teaching Agricultural Mechanics as Perceived by Secondary Agricultural Educators***

- Matthew J. Shultz, Iowa State University
- Ryan G. Anderson, Iowa State University
- Thomas H. Paulsen, Iowa State University
- Alyx M. Shultz, Murray State University

### **Session B – Meaningful Learning through Cognition and Metacognition**

**Discussant:** Susie Whittington, Ohio State University

**Location:** Scioto Room

**Facilitator:** Julie Robinson, Ohio State University

#### ***Assessing the Effects of Reflection Type and Cognitive Style on Students' Content Knowledge***

- J. Joey Blackburn, Oklahoma State University
- Amanda Kacal, Oklahoma State University
- Ashley S. Whiddon, Oklahoma State University
- J. Shane Robinson, Oklahoma State University

#### ***Assessing Students' Creative Thinking Ability in School-Based Agricultural Education Courses***

- Kristina Haug, University of Missouri
- Anna Ball, University of Missouri

***Getting it to Click: Students Self-Perceived Critical Thinking Style and Perceptions of Critical Thinking Instruction in Face-to-Face and Online Course Delivery***

- Nicole LP Stedman, University of Florida
- Brittany Adams, University of Florida

***Critical Thinking Dispositions of High School Agriculture Teachers in Tennessee***

- Clarissa Lewis, Tennessee State University
- John. C. Ricketts, Tennessee State University

## **Session C – Effective Technology Integration**

**Discussant:** Greg Miller, Iowa State University

**Location:** Kingsmill

**Facilitator:** Laura Lemons, Texas Tech University

***Accessibility and Usage of Technology by North Carolina Agriculture Teachers***

- Maegen R. Williams, North Carolina State University
- Wendy J. Warner, North Carolina State University
- James L. Flowers, North Carolina State University
- D. Barry Croom, North Carolina State University

***Technology Usage of Tennessee Agriculture Teachers***

- Michael D. Coley, Siegel High School
- Wendy J. Warner, North Carolina State University
- Kristin S. Stair, New Mexico State University
- James L. Flowers, North Carolina State University
- D. Barry Croom, North Carolina State University

***An Evaluation of Usability of a Virtual Environment for Students Enrolled in a College of Agriculture***

- Theresa Pesi Murphrey, Texas A&M University
- Tracy A. Rutherford, Texas A&M University
- David L. Doerfert, Texas Tech University
- Leslie D. Edgar, University of Arkansas
- Don W. Edgar, University of Arkansas

***The Effect of a Serious Digital Game on the Knowledge Transfer of Secondary Agricultural Education Students: An Experimental Study***

- J. C. Bunch, Louisiana State University
- J. Shane Robinson, Oklahoma State University
- M. Craig Edwards, Oklahoma State University
- Pavlo D. Antonenko, University of Florida

## **Session D – Educational Advances through 4-H and Extension**

**Discussant:** Mark Kistler, North Carolina State University

**Location:** Riviera Room

**Facilitator:** Ryan Foor, University of Arizona

***Extension Youth Educators' Technology Use in Youth Development Programming***

- Carli McClure, Louisiana State University
- Brittany Buquoi, Louisiana State University
- Joe W. Kotrlik, Louisiana State University
- Krisanna Machtmes, Louisiana State University
- J. C. Bunch, Louisiana State University



***Knowledge, Skills, and Competencies Needed by Students with Training in Agricultural and Environmental Practices as Perceived by Local Leaders: A Delphi Study***

- Sarah E. Burlison, University of Florida
- Andrew C. Thoron, University of Florida

***Future Scientists Philosophical Beliefs Regarding Extension Education and K-12 Outreach***

- Melissa Leiden Welsh, Purdue University
- Neil A. Knobloch, Purdue University

***An Evaluation of the 4-H Health Rocks Program: Implications for Program Improvement***

- Carlton Self, University of Georgia
- Christian Morgan, University of Georgia
- Nicholas E. Fuhrman, University of Georgia
- Maria Navarro, University of Georgia

**Session E – *School-based Local Program Success***

**Discussant:** Rob Terry, Oklahoma State University

**Location:** Fusion

**Facilitator:** Tyson Sorensen, Oregon State University

***Developing Attitudinal Metrics for Induction-Year Agricultural Education Teachers***

- John Rayfield, Texas A&M University
- Billy R. McKim, Texas A&M University
- Shannon G. Lawrence, Clemson University
- Kristin Stair, New Mexico State University

***Experiences of Novice Agriculture Teachers in New Communities***

- G. Curtis Langley, University of Missouri
- Michael J. Martin, University of Missouri
- Tracy Kitchel, University of Missouri

***Elementary Teachers Perceptions of Agriculture and their Integration of Agricultural Topics***

- Kattlyn J. Wolf, University of Idaho
- Jonathan J. Velez, Oregon State University
- Jodi Johnson-Maynard, Sanford Eigenbrode
- Peter T. White, University of Idaho
- Benjamin G. Swan, Cal Poly San Luis Obispo
- Shannon M. Blickenstaff, University of Idaho

***Level of Agricultural Education Advisory Council Implementation in Idaho Secondary Agricultural Education Programs***

- Douglas Masser, University of Idaho
- Daniel D. Foster, Pennsylvania State University
- Jeremy M. Falk, University of Idaho

**THURSDAY, MAY 23, 4:00 p.m.-5:30 p.m.**

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## **Session A –International Perspectives and Global Literacy**

**Discussant:** Rama Radhakrishna, Pennsylvania State University

**Location:** Gallery C

**Facilitator:** Boot Chumbley, Eastern New Mexico University

### ***Louisiana Secondary Agricultural Educators' Perceptions of an International Experience Toward Their Teaching Career***

- Shelli Danjean, Louisiana State University
- Carli McClure, Louisiana State University
- J. C. Bunch, Louisiana State University
- Joe W. Kotrlik, Louisiana State University
- Krisanna Machtmes, Louisiana State University

### ***Identifying Emergent Themes for Knowledge, Skills, and Dispositions in Globally Competent Agriculture Education Teacher Candidates***

- Laura L. Sankey Rice, Pennsylvania State University
- Daniel D. Foster, Pennsylvania State University
- Melanie J. Miller Foster, Pennsylvania State University
- R. Kirby Barrick, University of Florida

### ***Preparing Agricultural Educators for the World: Describing Global Competency in Agricultural Teacher Candidates***

- Daniel D. Foster, Pennsylvania State University
- Melanie J. Miller Foster, Pennsylvania State University
- Laura L. Sankey Rice, Pennsylvania State University
- R. Kirby Barrick, University of Florida

### ***Agricultural Students' Attitudes and Opinions: Can Reusable Learning Objects Alter Students' Perceptions of an International Setting***

- M'Randa R. Sandlin, Texas A&M University
- Theresa Resl Murphrey, Texas A&M University
- James R. Lindner, Texas A&M University
- Kim E. Dooley, Texas A&M University

## **Session B – Extension and International Agricultural Education Systems**

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

**Location:** Scioto Room

**Facilitator:** Justin Sharpless, University of Missouri

### ***Measuring Florida Extension Faculty's Agricultural Paradigmatic Preferences***

- Laura Sanagorski, University of Florida IFAS Palm Beach County Extension
- Theresa Pesi Murphrey, Texas A&M University
- Matt Baker, Texas Tech University
- James Lindner, Texas A&M University
- David E. Lawver, Texas Tech University

### ***Information Seeking Habits of Montana County Extension Agents***

- Shannon Arnold, Montana State University
- Nikki Bailey, Montana State University
- Alexandra Hill, Montana State University

***Louisiana Extension Educators' Perceptions of the Benefit and Relevance of Participating in an International Extension Experience toward Their Career***

- Carli McClure, Louisiana State University
- Shelli Danjean, Louisiana State University
- J. C. Bunch, Louisiana State University
- Krisanna Machtmes, Louisiana State University
- Joe W. Kotrlik, Louisiana State University

***An Exploration of the Formal Agricultural Education System in Trinidad and Tobago***

- Sara D. Hurst, University of Florida
- Nathan W. Conner, University of Florida
- Jessica Blythe, University of Florida
- Angel Futrell, Texas A&M University
- Aaron Giorgi, University of Florida
- Jennifer Jenkins, Texas A&M University
- Eric D. Rubenstein, University of Florida
- Christopher T. Stripling, University of Tennessee
- T. Grady Roberts, University of Florida

**Session C – Preparation of Effective School-based Teachers**

**Discussant:** Brian Warnick, Utah State University

**Location:** Kingsmill

**Facilitator:** Adam Marx, University of Missouri

***Relationships between Agriculture Teaching Efficacy and Decision to Teach Among Agricultural Education Majors***

- Catrina Kennedy, University of Georgia
- John C. Ricketts, Tennessee State University
- Dennis Duncan, Tennessee State University

***Developing Professional Standards for Teacher Educators in Agriculture***

- Ryan M. Foor, University of Arizona
- Daniel D. Foster, Pennsylvania State University
- Kattlyn J. Wolf, University of Idaho

***Flipping an Agricultural Education Teaching Methods Course***

- Nathan W. Conner, University of Florida
- Christopher T. Stripling, University of Tennessee
- Jessica Blythe, University of Florida
- T. Grady Roberts, University of Florida
- Nicole L. P. Stedman, University of Florida

***Preservice Agricultural Education Teachers' Perceptions of Their Ability to Perform Skills Related to Agricultural Mechanics: A Longitudinal Study***

- J. Joey Blackburn, Oklahoma State University
- J. Shane Robinson, Oklahoma State University
- Harry Field, Oklahoma State University

## **Session D – Experiential Learning in Secondary Agricultural Education**

**Discussant:** Mark Balschweid, University of Nebraska-Lincoln

**Location:** Riviera

**Facilitator:** Matthew Shultz, Iowa State University

### ***Classroom Instruction and FFA/SAE Responsibilities Creating the Most Stress for Female Teachers in the Southeast***

- Diana L. King, University of Georgia
- K. Jill Rucker, University of Georgia
- Dennis W. Duncan, University of Georgia

### ***Identifying Barriers of Supervised Agricultural Experience Implementation Perceived by Preservice Agricultural Education Teachers: A Longitudinal Study***

- Jon W. Ramsey, Oklahoma State University
- J. Joey Blackburn, Oklahoma State University

### ***A Quasi-Experimental Study to Explore the Interaction Between Students' Learning Outcomes and Preferred Learning Style in a Non-Formal FFA Camp Environment***

- Nicholas R. Brown, Oklahoma State University
- Robert Terry, Jr., Oklahoma State University
- Kathleen D. Kelsey, Oklahoma State University

### ***An Examination of Student Learning Outcomes and Knowledge Retention at FFA Summer Camp***

- Nicholas R. Brown, Oklahoma State University
- Robert Terry, Jr., Oklahoma State University
- Kathleen D. Kelsey, Oklahoma State University

## **Session E – Skill Development in Secondary Agricultural Education**

**Discussant:** Dr. Robert Martin, Iowa State University

**Location:** Fusion

**Facilitator:** Preston Byrd, Iowa State University

### ***The FFA Sweetheart: Past, Present and Future(?)***

- Jillian Casey, North Carolina State University
- Dr. Gary Moore, North Carolina State University

### ***Promising Practices of Dairy, Horse, and Livestock Evaluation Career Development Event Coaches: A Mixed-Methods Study***

- Melissa A. Voigt, Purdue University
- B. Allen Talbert, Purdue University
- Steve McKinley, Purdue University
- Colleen M. Brady, Purdue University

### ***Identifying STEM Concepts Associated with Junior Livestock Projects***

- Kate Wooten, King's Bridge Middle School
- John Rayfield, Texas A&M University
- Lori Moore, Texas A&M University

### ***A Secondary Agricultural Education Student Picture of Student Apathy***

- Ann M. De Lay, California Polytechnic State University, San Luis Obispo
- Benjamin G. Swan, California Polytechnic State University, San Luis Obispo



**FRIDAY, MAY 24, 8:30-10:00 a.m.**

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## **Session A – Leadership and History of Agricultural Education**

**Discussant:** David Jones, North Carolina State University

**Location:** Gallery C

**Facilitator:** Michael Martin, University of Missouri

### ***Profiling the Youth Leader: Personality and Emotional Intelligence Trends and Their Relationship to Leadership Skills***

- L. J. McElravy, University of Nebraska-Lincoln
- Lindsay J. Hastings, University of Nebraska-Lincoln

### ***Factors Influencing Agricultural Leadership Students' Behavioral Intentions: Examining the Potential Use of Mobile Technology in Courses***

- Robert Strong, Texas A&M University
- Travis L. Irby, Texas A&M University
- Larry M. Dooley, Texas A&M University

### ***The Effect of Undergraduate Extracurricular Involvement and Leadership Activities on Community Values***

- Elizabeth A. Foreman, Iowa State University
- Michael S. Retallick, Iowa State University

### ***A History of Professional Associations for Teacher Educators in Agriculture: 1929 to Present***

- James J. Connors, University of Idaho

## **Session B – Impact of Agriscience Education and Science Fairs**

**Discussant:** Amy Smith, University of Minnesota

**Location:** Scioto

**Facilitator:** Doug Masser, University of Idaho

### ***Trends in Agriscience Fair Participants' Perceptions of Science and Agriculture***

- Jessica M. Blythe, University of Florida
- Catherine A. DiBenedetto, University of Florida
- Brian E. Myers, University of Florida

### ***Agriscience Fair Participants' Perceptions of Science and Agriculture***

- Jessica M. Blythe, University of Florida
- Brian E. Myers, University of Florida

### ***The Effect of Vee Maps and Laboratory Reports on High- and Low-Order Content – Knowledge Achievement in Agriscience Education***

- Andrew C. Thoron, University of Florida
- Eric D. Rubenstein, University of Florida

### ***Correlation of Secondary Agricultural Education Students' Science Achievement to Number of Agricultural Education Courses Passed***

- Sara Clark, Auburn University
- Brian Parr, Auburn University
- Jason Peak, University of Georgia
- Frank Flanders, University of Georgia

## **Session C – Teacher Resiliency and Retention**

**Discussant:** John Ewing, Pennsylvania State University

**Location:** Kingsmill

**Facilitator:** Trent Wells, Iowa State University

### ***Perceived Levels of Teacher Self-Efficacy among Secondary Arizona Agricultural Education Teachers***

- Kevin N. Hartfield, Queen Creek High School, Arizona
- Ryan M. Foor, University of Arizona

### ***The Thornless Rose: A Phenomenological Look at Decisions Career Teachers Make to Remain in the Profession***

- Mindi S. Clark, Oklahoma State University
- Kathleen D. Kelsey, Oklahoma State University
- Nicholas R. Brown, Oklahoma State University

### ***Using Coping Strategies to Manage Stress in Agriculture Teachers***

- Dr. Rebecca G. Lawver, Utah State University
- Kasee L. Smith, Utah State University

### ***The Status of Science Integration into Agricultural Education According to State Supervisors: Twenty-Five Years after the “Green Book”***

- Gregory W. Thompson, Oregon State University
- Joy M Marshall, North Carolina State University
- Brian E. Myers, University of Florida
- Brian K. Warnick, Utah State University
- Elizabeth Wilson, North Carolina State University

## **Session D – The Effects of Agricultural Communications**

**Discussant:** Matt Spindler, SUNY Oswego

**Location:** Riviera

**Facilitator:** Jonathan Velez, Oregon State University

### ***Aesthetic Qualities of Websites and Their Effects on Public Perceptions of Agricultural Issues and Organizations***

- Chase Hundley, University of Arkansas
- Morgan Large, University of Arkansas
- Jefferson D. Miller, University of Arkansas

### ***Exploring U.S. Agricultural Commodity Organization’s Use of Blogs as a Communications Tool***

- Madeline Moore, Texas Tech University
- Courtney Meyers, Texas Tech University
- Erica Irlbeck, Texas Tech University
- Scott Burris, Texas Tech University

### ***A Little Learning is Dangerous: The Influence of Agricultural Literacy and Experience on Young People’s Perceptions of Agricultural Imagery***

- Annie R. Specht, Texas A&M University
- Billy R. McKim, Texas A&M University
- Tracy Rutherford, Texas A&M University

***Students' Reflections of Service-Learning in Agricultural Communications***

- Marie Hefley, Texas Tech University
- Courtney Meyers, Texas Tech University
- Erica Irlbeck, Texas Tech University
- Cindy Akers, Texas Tech University

**Session E – Enhancing the Higher Education Experience**

**Discussant:** Travis Park, Cornell University

**Location:** Fusion

**Facilitator:** Dustin Perry, Iowa State University

***First Generation College Students: Motivations and Support Systems***

- Erica Irlbeck, Texas Tech University
- Shylo Adams, Cleburne High School
- Cindy Akers, Texas Tech University
- Scott Burris, Texas Tech University
- Stephanie Jones, Texas Tech University

***Examining the Impact of Class Size, Enrollment Capacity and Room Capacity on Student Ratings of Instruction***

- Kristin A. Kovar, University of Missouri
- Anna L. Ball, University of Missouri
- Michael Monson, University of Missouri

***Teacher Clarity and Student Achievement in Undergraduate Courses Taught in the College of Agricultural and Life Sciences***

- R. Kirby Barrick, University of Florida
- Christopher M. Estep, University of Florida

***Faculty Voices: Experiences Teaching Introductory Life Science Courses in Colleges of Agriculture***

- Mark Balschweid, University of Nebraska-Lincoln
- Neil A. Knobloch, Purdue University
- Bryan J. Hains, University of Kentucky

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