

**INNOVATIVE POSTER SESSION - Tuesday, May 20, 8-9:30 p.m.**

***A logic model for agricultural literacy programming***

Debra Spielmaker, Monica Pastor, and Denise Stewardson - Utah State University, University of Arizona, Utah State University

***A new case for CASE***

Candis Carraway, Jon Ulmer, CassiDe Street and Missi Barton - Texas Tech University

***Agriculture in the nation's capital: Organizing a study experience in Washington, D.C.***

Courtney Meyers & Shannon Arnold - Texas Tech University & Montana State University

***An implementation plan for urban agricultural extension education***

Lindsay Breuler and Gary Straquadine - The Ohio State University

***Becoming professionals: Utilizing ideas unlimited and professional development seminars to foster success in future teachers***

Kellie Enns, Nathan Clark, and Michael Martin - Colorado State University

***Can dexterity predict future performance of novice welders?***

Alex Preston Byrd, Richard Stone, and Ryan Anderson - Iowa State University

***Coaching the coaches: A course in experiential contest skill development and coaching methods for future educators***

Kristin Stair - New Mexico State University

***Collaboration between university faculty, state staff, and high school teachers to create instructional material: The creation of agricultural communications curriculum in Arkansas***

Carley Calico and Leslie Edgar - University of Arkansas

***Creating an app for an agricultural communications capstone magazine using Adobe desktop publishing suite***

Chelsey Ann Ahrens and Faith Jurek - Texas Tech University

***Creating communicators of tomorrow: Hosting a nominal group process meeting to evaluate and revise an agricultural communications degree program***

Courtney Gibson, Erica Irlbeck, David Doerfert, Courtney Meyers, and Cindy Akers - Texas Tech University

***Developing cultural competence through a peer-teaching approach***

Ryan M. Foor, Allyson R. Arulanantham, Alexandria M. Biddle, Dustin M. Homan, Jessica L. Schroeder, and M. Susie Whittington - University of Arizona, The Ohio State University

***Enhancing agricultural mechanics laboratory awareness with Snapchat: A snapshot of agricultural mechanics safety concerns***

OP McCubbins, Ryan Anderson and Trent Wells - Iowa State University

***Establishment of a new state agriscience research contest: A collaborative effort between FFA and 4-H***

Hannah Scherer and Rebecca Landis - Virginia Polytechnic Institute and State University

***Facilitating contextual learning through interdisciplinary teacher externships***

Chaney Mosley and Beverley Flatt - Metro Nashville Public Schools

## 2014 Annual Conference

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***Feeding the world: An engaging, comprehensive sustainable agriculture curriculum***

Mollie Aschenbrener - California State University, Chico

***Forging community college and university collaboration through early field experience***

Steven J. Rocca - California State University, Fresno

***Guiding the writing process with intermittent feedback***

Lori Costello, Holli Leggette, Tracy Rutherford and Deborah W. Dunsford - Texas A&M University

***Hoophouses, worms and herbs - Closing the university food cycle loop***

John Biernbaum, Laurie Thorp, Charles DeFeever and Matt R. Raven - Michigan State University

***Implementing poll everywhere to encourage student participation***

Gaea Wimmer Hock and Charles Freeman - Mississippi State University

***Integrating undergraduate research in a service-learning agricultural communications campaigns course***

Chelsey Ann Ahrens, Jaclyn Danae Roberts, Courtney Gibson and Erica Irlbeck - Texas Tech University

***Leaving "pearls" of wisdom to enhance student understanding***

Erica Irlbeck, Courtney Gibson and Amanda Garcia - Texas Tech University

***Moving across the desk: From pupil to professional***

Laura L. Sankey Rice, and Douglas T. Masser - The Pennsylvania State University, University of Idaho

***Navigating different agricultural values***

Michael Martin - Colorado State University

***Project Imuris: An international microteaching experience***

Edward Franklin - University of Arizona

***Pump in a bucket: A photovoltaic teaching tool for instruction of direct current electricity to agriculture students***

Edward Franklin - University of Arizona

***Shuffling values: Using agriculture teacher values rummy in the development of teaching philosophies***

Meghan Wood - North Carolina State University

***Targeted conference interviews: Creating additional knowledge***

Amy Vu, Matthew Spindler, Althea Whitter-Cummings, Donna Westfall-Rudd and Rick Rudd - Virginia Polytechnic Institute and State University

***TEDx Nashville Ed – A vehicle for student voice***

Beverly Flatt and Chaney Mosley - Metro Nashville Public Schools

***The Nebraska food project: Origins, options, and impacts***

Cory Epler, and Carol Ringenberg - Nebraska Department of Education

***The flipped classroom for teaching supervised agricultural experience to students***

Roger Hanagriff, Kirk Edney and John Rayfield - Texas A&M University

***To blog, or not to blog: Using blogs as a tool to facilitate reflection and critical thinking***

Timothy Bradford Jr. and Gaea Hock - Mississippi State University

## 2014 Annual Conference

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***Tuning in to cut down: Using radio broadcasts to deliver water conservation information***

Mallory Newsom, Kelly Harkey, Courtney Meyers and Samatha Borstedt - Texas Tech University

***Unclouding student learning: Using word clouds for student reflection***

Courtney Gibson - Texas Tech University

***Unfolding visions, values, and behaviors through Project – 2043***

Meagan Scott, Nicholas R. Brown and Penny P. Weeks - Oklahoma State University

***Using interactive gaming to introduce students to Gas Tungsten Arc Welding (GTAW)***

Alex Preston Byrd, Ryan Anderson and Trent Wells - Iowa State University, Fayette County High School

***Utilizing morae as a tool for conducting usability testing***

Kelsey Hall and Courtney Meyers - Utah State University & Texas Tech University

***Utilizing the Agricultural Marketing Resource Center (AgMRC) website to increase the critical thinking skills of secondary agricultural education students***

Alex Preston Byrd, Ryan Anderson, Dustin Perry, and Trent Wells - Iowa State University, Fayette County High School

***Virtual viewing: Utilizing webinars to enhance learning in post-secondary classrooms***

Jaclyn F. Tweeten, Alex Preston Byrd and Lawrence Caudle - Iowa State University

***We are FFA: Developing inclusive environments for FFA members***

Ambra N. Tennery and Alee L. Gunderson - National FFA

***What day Is It? Embracing a new approach to recruitment***

Justin L. Killingsworth and Lucas D. Maxwell - Arkansas Tech University

## **RESEARCH POSTER SESSION – Wednesday, May 21 – 1-2:00 p.m.**

***4-H leaders' perception of working with children with special needs.***

Kristin Stair and Brenda Seevers - New Mexico State University

***A comparison of agriculture teachers' espoused and observed instructional P\practices for students with disabilities.***

Justin Killingsworth, Anna Ball and Cathy Thomas - Arkansas Tech University & University of Missouri

***A descriptive analysis of FFA members' use of social media in Texas.***

Lockie Breeding, Kasee Smith, Roger Hanagriff, and John Rayfield - Texas A&M University

***A duroc and a Ppymouth rock: The evolution of formal agriculture teacher training in the United States.***

Meghan Wood - North Carolina State University

***A longitudinal analysis of learning styles in agricultural education.***

Kristin Stair, Dawn VanLeeuwen and Carlos Rosencrans - New Mexico State University

***Agricultural laboratory safety education exposure levels of students participating in the 2013 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show.***

K. Geiken and P. Ryan Saucier - Texas State University

***Agricultural mechanic skill development for pre-service teachers: An action research approach.***

Nathan Clark, Kellie Enns and Michael Martin - Colorado State University

***An assessment of extension needs: Communication in action.***

Keegan D. Gay, Joy N. Rumble, and Alexa J. Lamm - University of Florida

***An examination of advertising, marketing, and public relations for career academies.***

Beverly Flatt and Chaney Mosley - Metro Nashville Public Schools

***Are North Carolina State University Agricultural Education graduates making the grade?***

Joy Marshall and Jim Flowers - North Carolina State University

***Assessing CDE coaching patterns for positive youth development in school-based agricultural education.***

Kristina Haug, Justin Sharpless and Anna Ball - University of Missouri

***College of Agriculture transfer students' perspectives on their transfer experience.***

Adam A. Marx and Jon C. Simonsen - University of Missouri

***Consumer perceptions of Florida strawberries.***

Taylor Ruth, Quisto D. Settle, and Joy N. Rumble - University of Florida

***Effect of large lecture style class teaching experience on course evaluations.***

Justin Sharpless - University of Missouri

***Evaluating social media workshops for beginning farmers and ranchers.***

Chris Morgan, Courtney Meyers, Katie Abrams, Courtney Gibson and Erica Irlbeck - University of Georgia, Texas Tech University, Colorado State University

***Expressing diverse potential: A preliminary investigation on demographics to better understand minority student populations in Oklahoma.***

Carmelita E. Goossen, Jon W. Ramsey, and Rose M. Bonjour - Oklahoma State University & Oklahoma Department of Career and Technology Education

***Frequency of high school principal supervisory practices experienced in the nonformal components of agricultural education.***

Thomas H. Paulsen and Robert A. Martin - Iowa State University

***Generating peer feedback in student teaching: Utilizing the tuning protocol.***

Taylorann Smith, Thomas H. Paulsen and Ryan Anderson - Iowa State University

***Have we found the key to beginning teacher retention? A qualitative study of the NAAE award program for beginning teachers.***

Meghan Wood - North Carolina State University

***How safe are our laboratories for student learning? A focus on the professional development needs of California agricultural mechanics teachers.***

P. Ryan Saucier, Billy R. McKim, and Michael Spiess - Texas State University, Texas A&M University, and California State University - Chico

***Identifying agriculturists' motivations and barriers to participate in online communication tool training workshops.***

Amber Krause, Courtney Meyers, Kelsey Shaw, David Doerfert, Erica Irlbeck, Katie Abrams, and Chris Morgan - Texas Tech University, Colorado State University, University of Georgia

***Impact of attitude and information preference on consumer trust of state and local food brands.***

Keegan D. Gay and Joy N. Rumble - University of Florida

***Increasing Hispanic population in the State of Oklahoma: Challenges and opportunities for agricultural extension and research.***

Jose M. Uscanga and Maria G. Fabregas Janeiro - Oklahoma State University

***Increasing student engagement through a career academy program.***

Cory Epler, Matt Kreifels and Mark Balschweid - Nebraska Department of Education, University of Nebraska-Lincoln

***Influence of National Agricultural Research Agenda Priority Areas on agricultural and extension education scholarship: A review of the Journal of Agricultural Education (2009-2013).***

Anil Kumar Chaudhary and Rama Radhakrishna - Pennsylvania State University

***Is it time to face the facts? What undergraduates really think of online courses.***

Catherine A. DiBenedetto and Jessica Holt - University of Florida

***Knowledge and perception of agricultural communications curriculum pilot in Arkansas secondary agricultural classrooms.***

Carley Calico, Leslie D. Edgar, Don W. Edgar, Donald M. Johnson, and Hayley Jernigan - University of Arkansas

***Perceptions and usage of communication tools by Iowa cattle producers.***

Jaclyn F. Tweeten, and Thomas H. Paulsen - Iowa State University

***Pinning down farm life: A semiotic exploration of agricultural visual web content.***

Annie Specht and Emily Buck - University of Nebraska - Lincoln and The Ohio State University

***Plant biotechnology education in Texas: Status and need for plant biotech education.***

Tim Murphy - Texas A&M University

***Plows, cows, and wows: Identifying and measuring outmoded film portrayals of agricultural production.***

Annie Specht - University of Nebraska - Lincoln

***Record book seasonality in agricultural education: Does it exist and what are factors of influence?***

Roger Hanagriff, Kasee Smith and John Rayfield - Texas A&M University

***Sowing the seeds of social media: Using a longitudinal evaluation to assess the effectiveness of a social media training workshop.***

Courtney Gibson, Amanda Garcia, Erica Irlbeck, and Courtney Meyers - Texas Tech University

***The adoption of the CASE curriculum in Iowa.***

Molly Heintz and Michael Retallick - Iowa State University

***The Influence of Age on the Perceived Importance and Usage of Electronic and Social Media Tools used by Iowa Cattle Producers.***

Jaclyn F. Tweeten and Thomas H. Paulsen - Iowa State University

***The utilization of critical reflection by participants in agricultural leadership program.***

Avery Culbertson, Hannah S. Carter, and Kristin Stair, - New Mexico State University, University of Florida, New Mexico State University

***Undergraduate perceptions of 21st century knowledge, skills and dispositions.***

Catherine A. DiBenedetto, Erica L. Odera and Alexa J. Lamm - University of Florida

***Understanding the role of agricultural education in global food security.***

Sarahi, Morales, Todd Brashears, and Courtney Meyers - Texas Tech University

***Using community-based social marketing as an extension education tool to achieve behavior change.***

Liz Felter - University of Florida

***Utilizing dexterity to predict future performance of beginning welders.***

Alex Preston Byrd, Richard Stone, and Ryan Anderson - Iowa State University

## RESEARCH PRESENTATION SCHEDULE

### Wednesday, May 21, 2:45 – 4:15 p.m.

#### **Session A – Post-Secondary Education**

Discussant: Bob Birkenholz, Ohio State University

Facilitator: Lockie Breeding, Texas A&M University

Location: Wasatch A

***Where Are We Now? A Nationwide Look at Agricultural Leadership Education***

Jonathan J. Velez, Oregon State University

Aaron J. McKim, Oregon State University

Lori L. Moore, Texas A&M University

Carrie A. Stephens, University of Tennessee

Jon C. Simonsen, University of Missouri

***Perspectives on Agricultural Education at the University of Idaho***

Jeremy Falk, University of Idaho

P. Troy White, University of Idaho

Carly Gerwig, University of Idaho

Kylie Shaul, University of Idaho

***A Descriptive Study of College of Agriculture Faculty Perceptions of Student Skills, Faculty Competence in Teaching Areas, and Barriers to Improving Teaching***

Shannon M. Blickenstaff

Kattlyn J. Wolf, University of Idaho

Jeremy M. Falk, University of Idaho

John C. Foltz, University of Idaho

***The Effect of a Three-Day Professional Development on Climate Science on Teacher Attitudes toward Teaching Climate Science in the Classroom***

P. Troy White, University of Idaho

Kattlyn J. Wolf, University of Idaho

#### **Session B – Experiential Learning**

Discussant: Barry Croom, North Carolina State University

Facilitator: Ashley Stewart, Texas A&M University

Location: Superior A

***Knowledge And Perceptions Of Visual Communications Curriculum In Arkansas Secondary Agricultural Classrooms: A Closer Look At Experiential Learning Integration***

Kristin Pennington, University of Arkansas

Carley Calico, University of Arkansas

Leslie D. Edgar, University of Arkansas

Don W. Edgar, University of Arkansas

### ***The Effect of the Order of Experiential Learning Stage on Adult Learners' Knowledge of Solar Energy***

Catherine W. Shoulders, University of Arkansas

Donald M. Johnson, University of Arkansas

Jarred D. Wyatt, University of Arkansas

### ***The Effects of Kolb's Experiential Learning Model on Successful Intelligence in Secondary Agriculture Students***

Marshall A. Baker, Oklahoma State University

J. Shane Robinson, Oklahoma State University

### ***Relationships between the Cognitive and Affective Learning Domains of FFA Members Who Attended Oklahoma FFA Camp***

Nicholas R. Brown, Oklahoma State University

Robert Terry, Jr., Oklahoma State University

J. Shane Robinson, Oklahoma State University

## **Session C – Skill Development**

Discussant: Kirby Barrick, University of Florida

Facilitator: Lori Costello, Texas A&M University

Location: Superior B

### ***Successful Supervised Agricultural Experience Programs as Defined by American FFA Degree Star Finalists***

Eric D. Rubenstein, University of Florida

Andrew C. Thoron, University of Florida

### ***Benefits of Career Development Events as Perceived by Agricultural Education Teachers in Oklahoma: A Delphi Study***

Jerrold Lundry, Oklahoma State University

Jon W. Ramsey, Oklahoma State University

M. Craig Edwards, Oklahoma State University

J. Shane Robinson, Oklahoma State University

### ***Describing the Relationship between Coaching Behaviors and Student Performance at the National FFA Parliamentary Procedure Career Development Event***

Jeremy M. Falk, University of Idaho

Douglas T. Masser, University of Idaho

Haylee R. Palmer, University of Idaho

Daniel D. Foster, Pennsylvania State University

### ***Experiential Learning and Student Safety: Planning for Student Safety with Supervised Agricultural Experience (SAE) Supervision***

Rebecca G. Lawver, Utah State University

Michael L. Pate, Utah State University

## **Session D – Critical Thinking**

Discussant: Rick Rudd, Virginia Polytechnic Institute and State University

Facilitator: Kasee Smith, Texas A&M University

Location: White Pine

### ***Socioscientific Issues-based Instruction: An Investigation of Agriscience Students' Argumentation Skills based on Student Variables***

Jarred D. Wyatt, University of Arkansas

Catherine W. Shoulders, University of Arkansas

Brian E. Myers, University of Florida

***Engine Trouble? Effects of Cognitive Style and Problem Complexity on Preservice Agriculture Teachers' Ability to Solve Problems in Agricultural Mechanics***

J. Joey Blackburn, Washington State University  
J. Shane Robinson, Oklahoma State University  
Alexa J. Lamm, University of Florida

***Influence of FFA Activities on Critical Thinking Skills in Texas Three-Star FFA Chapters***

Lindsey Latham, Texas A&M University  
John Rayfield, Texas A&M University  
Lori Moore, Texas A&M University

***Establishing a Benchmark for Critical Thinking within a Department of Agricultural Education and Studies***

Dustin K. Perry, Iowa State University  
Michael S. Retallick, Iowa State University  
Thomas H. Paulsen, Iowa State University

**Session E – Agricultural Mechanics**

Discussant: Tim Murphy, Texas A&M University  
Facilitator: Ryan Saucier, Texas State University – San Marcos  
Location: Wasatch B

***Assessing the Impact of Sequencing Practicums for Welding in Agricultural Mechanics***

Malcolm Rose, Wasatch High School, Heber City, UT  
Michael L. Pate, Utah State University  
Rebecca G. Lawver, Utah State University  
Brian K. Warnick, Utah State University  
Xin Dai, Utah Agricultural Experiment Station

***Does the Number of Post-secondary Agricultural Mechanics Courses Completed Affect Teacher Competence?***

Alex Preston Byrd, Iowa State University  
Ryan G. Anderson, Iowa State University  
Thomas H. Paulsen, Iowa State University  
Matthew J. Shultz, Murray State University

***Does Agricultural Mechanics Laboratory Size Affect Agricultural Education Teachers' Job Satisfaction?***

Alex Preston Byrd, Iowa State University  
Ryan G. Anderson, Iowa State University  
Thomas H. Paulsen, Iowa State University  
Matthew J. Shultz, Murray State University

***Effect of Student-Centered and Teacher-Centered Laboratory Instruction on Students' Content Knowledge and Activity Perception***

Carmelita E. Goossen, Oklahoma State University  
Amanda Kacal, Oklahoma State University  
Richie Roberts, Oklahoma State University  
Ashley S. Whiddon, Oklahoma State University  
J. Shane Robinson, Oklahoma State University

**Thursday, May 22, 2:15 – 3:45 p.m.**

**Session A – Agricultural Communications**

Discussant: Emily Buck, Ohio State University  
Facilitator: Jaclyn Tweeten, Iowa State University  
Location: White Pine

***Agriculturists' Personal and Business Use of Online Communication Tools***

Kelsey Shaw, Texas Tech University  
Courtney Meyers, Texas Tech University  
Erica Irlbeck, Texas Tech University  
David Doerfert, Texas Tech University  
Katie Abrams, Colorado State University  
Chris Morgan, University of Georgia

***The Capacity of Texas Alliance for Water Conservation (TAWC) Producers to Share Information with Other Producers: A Social Network Analysis of Within and Outside of Project Interaction***

Nellie Hill, Kansas Department of Agriculture  
David L. Doerfert, Texas Tech University

Cindy Akers, Texas Tech University  
Courtney Meyers, Texas Tech University

***Agricultural Communications Programs: A National Portrait of Undergraduate Courses***

Karen J. Cannon, University of Nebraska, Lincoln  
Annie R. Specht, Ohio State University  
Emily Buck, Ohio State University

***Knowledge and Perceptions of Agricultural Communications Pilot Curriculum in Arkansas Secondary Agricultural Classrooms***

Carley Calico, University of Arkansas  
Leslie D. Edgar, University of Arkansas

Don W. Edgar, University of Arkansas  
Don M. Johnson, University of Arkansas

### **Session B – STEM Integration**

Discussant: Craig Edwards, Oklahoma State University

Facilitator: Tre Easterly, University of Florida

Location: Wasatch B

***Agricultural Mechanics as Agriscience: Secondary Teacher Perceptions in Idaho***

P. Troy White, University of Idaho  
Kattlyn J. Wolf, University of Idaho

***Perceptions of Secondary School Agriculture Teachers regarding Teaching about Biomass Production in Iowa***

Guang Han, Iowa State University  
Robert Martin, Iowa State University

***Can Scientific Reasoning Scores Predict the Likelihood of SBAE Students' Intent to Pursue a STEM Career, a Career in Agriculture, or Plan to Attend College?***

Catherine A. DiBenedetto, University of Florida  
R.G. Easterly III, University of Florida  
Brian E. Myers, University of Florida

***Effects of Integrating Mathematical Concepts into an Animal Science Curriculum***

Andrea R. Clark Gardner, Utah State University  
Brian K. Warnick, Utah State University  
Rebecca G. Lawver, Utah State University

### **Session C – Urban Agricultural Education**

Discussant: Brian Warnick, Utah State University

Facilitator: Meghan Wood, North Carolina State University

Location: Wasatch A

***Informing Extension Programming with Research: A Look into Local Food***

Keegan. D. Gay, University of Florida  
Joy. N. Rumble, University of Florida  
Alexa. J. Lamm, University of Florida

### ***Experiences of Hispanic Students Enrolled in a Secondary Agricultural Education Program***

Ann M. De Lay, California Polytechnic State University, San Luis Obispo  
Karina Salomon, California Polytechnic State University, San Luis Obispo  
José Vargas, California Polytechnic State University, San Luis Obispo

### ***Paxton Revisited: The Essence of the Lived Experiences of Urban Agricultural Education Students***

Nicholas R. Brown, Oklahoma State University  
Carmelita Goossen, Oklahoma State University  
Richie Roberts, Oklahoma State University  
Amanda Kacal, Oklahoma State University  
Ashley S. Whiddon, Oklahoma State University

### ***Urban FFA Members' Sense of the Organizational Culture of the FFA as Experienced through the National FFA Convention***

Michael J. Martin, Colorado State University  
Tracy Kitchel, University of Missouri

## **Session D – School-Based Agricultural Education**

Discussant: Greg Miller, Iowa State University  
Facilitator: Joy Marshall, North Carolina State University  
Location: Superior A

### ***Clashing of Views: Agricultural Education Students' Conceptualization of Agricultural Values***

Michael J. Martin, Colorado State University  
Kellie J. Enns, Colorado State University

### ***Identifying the Characteristics, Use, Perceptions, and Barriers of the School Farm***

Angela Gilbert, Texas Tech University  
Scott Burris, Texas Tech University  
Jonathan D. Ulmer, Texas Tech University  
Rudy A. Ritz, Texas Tech University

### ***Teacher Perceptions of Adult Volunteers Serving Local, School-based Agricultural Education Programs***

Stephen Tillinghast, Oklahoma State University  
Jon W. Ramsey, Oklahoma State University  
Robert Terry, Jr., Oklahoma State University

### ***Inquiry-based Instruction: Perceptions of National Agriscience Teacher Ambassadors***

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

## **Session E – Teacher Recruitment and Retention**

Discussant: Jim Flowers, North Carolina State University  
Facilitator: Baleshka Brenes, Texas A&M University – Commerce  
Location: Superior B

### ***Factors Contributing to Attrition as Reported by Leavers of Secondary Agriculture Programs***

Laura L. Lemons, Mississippi State University  
Courtney Meyers, Texas Tech University  
Todd Brashears, Texas Tech University  
Margaret (Peggie) Price, Texas Tech University  
Scott Burris, Texas Tech University

### ***An Examination of Professional Commitment, Job Satisfaction, and Perceived Ability to Achieve Work-Life Balance among Oregon Agriculture Teachers***

Tyson J. Sorensen, Oregon State University  
Aaron J. McKim, Oregon State University

***Investigating the Influence of Cooperating Teachers on Student Teachers' Intent to Teach***

Gaea Wimmer Hock, Mississippi State University

Todd Brashears, Texas Tech University

Scott Burris, Texas Tech University

Steve Frazee, Texas Tech University

***Phases of Beginning Teacher Development and the Relationship to Concerns Expressed by Agricultural Education Student Teachers***

Jaclyn F. Tweeten, Iowa State University

Thomas H. Paulsen, Iowa State University

Ryan G. Anderson, Iowa State University

**Friday, May 23, 8:30 – 10:00 a.m.**

**Session A – High Impact Educational Practices**

Discussant: Jack Elliot, Texas A&M University

Facilitator: Alex Byrd, Iowa State University

Location: Superior A

***Determining the Effectiveness of Teaching Personal Development at an FFA Camp***

Kevin D. Herndon, University of Kentucky

Rebekah B. Epps, University of Kentucky

Joanelle L. Futrell, University of Florida

Kristie B. Guffey, Division of College and Career Readiness, Kentucky Department of Education

***The Cultural Adaptation Process of Agricultural and Life Sciences Students on Short-term Study Abroad Experiences***

Nathan W. Conner, Tennessee Tech University

T. Grady Roberts, University of Florida

***Service-Learning's Journey as a Method of Instruction in Agricultural Education: Dewey's Presaging and the Method's Development during the 20th Century and Beyond***

Richie Roberts, Oklahoma State University

M. Craig Edwards, Oklahoma State University

***Using Reflective Journals to Compare an International Faculty-Led Study Tour and Student Internship Experience***

Amanda Northfell, University of Arkansas

Hayley Jernigan, University of Arkansas

Leslie D. Edgar, University of Arkansas

**Session B – History of Agricultural Education**

Discussant: Gary Moore, North Carolina State University

Facilitator: Kristin Stair, Louisiana State University

Location: White Pine

***Use of Citations within Manuscripts Published by the Journal of Agricultural Education***

Hanna E. Kildow, University of Arkansas

Bryan W. Zimmerman, University of Arkansas

Kate W. Shoulders, University of Arkansas

Donald M. Johnson, University of Arkansas

### ***The Merger of the NFA & FFA: A Determination of Barriers to Success***

Donald F. Gilman, Lee County High School

Brian A. Parr, Auburn University

Jason B. Peake, University of Georgia

### ***The Merger of the NFA & FFA: Perceptions of White Educators of the Period***

Donald F. Gilman, Lee County High School

Brian A. Parr, Auburn University

Jason B. Peake, University of Georgia

### ***The Development of Agricultural Education in the Pacific Northwest***

P. Troy White, University of Idaho

James J. Connors, University of Idaho

Kattlyn J. Wolf, University of Idaho

## **Session C – Knowledge, Behavior, and Attitudes**

Discussant: Steve Frazee, Texas Tech University

Facilitator: Candis Carraway, Texas Tech University

Location: Wasatch A

### ***The Relationship between Agriculture Knowledge Bases for Teaching and Sources of Knowledge***

Amber Rice, University of Missouri

Tracy Kitchel, University of Missouri

### ***Are We Preparing Teachers for the Challenging Times? Physiological Stress Impacting pre-service Agricultural Educators***

Erica B. Thieman, University of Illinois at Urbana-Champaign

Tracy Kitchel, University of Missouri

### ***Introducing Prospect Evaluation Through Exploring Great Plains Wheat Producers' Behaviors and Attitudes Regarding Web 2.0 Technology***

Nicholas R. Brown, Oklahoma State University

Kathleen D. Kelsey, University of Georgia

### ***Deconstructing Content Knowledge: Coping Strategies and their Underlying Sources of Motivation for Beginning Agriculture Teachers***

Amber Rice, University of Missouri

Tracy Kitchel, University of Missouri

## **Session D – Needs Assessment**

Discussant: Donna Graham, University of Arkansas

Facilitator: Sarahi Morales, Texas Tech University

Location: Wasatch B

### ***Needs Assessment for Prospective Hispanic Farmers and Ranchers***

Baleshka Brenes, Texas A&M University-Commerce

Robert Williams, Texas A&M University-Commerce

Teresa Duch, Texas A&M University-Commerce

Jim Heitholt, Texas A&M University-Commerce

***Identifying Agriculturists' Online Communication Tool Training Needs***

Courtney Meyers, Texas Tech University  
Kelsey Shaw, Texas Tech University  
Erica Irlbeck, Texas Tech University

David Doerfert, Texas Tech University  
Katie Abrams, Colorado State University  
Chris Morgan, University of Georgia

***Knowledge, Skills, and Competencies Needed for Agricultural Communications Graduates: A Delphi Study***

Corey Ann Clem, Texas Tech University  
David Doerfert, Texas Tech University  
Cindy Akers, Texas Tech University

Scott Burris, Texas Tech University  
Keith Brigham, Texas Tech University

***Perceptions and Training Needs of North Carolina Agriculture Teachers for Preparing Them to Be Effective Educators in the 21st Century***

R. Jason Davis, North Carolina State University  
K. S. U. Jayaratne, North Carolina State University

**Session E - Self-Efficacy**

Discussant: Travis Park, North Carolina State University  
Facilitator: OP McCubbins, Iowa State University  
Location: Superior B

***Examining New Relationships: Agriculture Teachers' Self-Efficacy and Career Commitment***

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

***Identifying Influential Factors to Agriculture Teachers' Self-Efficacy***

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

***Analyzing the Relationship between Teacher Development Experiences and Agriculture Teachers' Self-Efficacy***

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

***Undergraduate Students Self-efficacy Related to the Performance of Animal Handling and Management Techniques: Implications for Pre-service Teachers***

Jon W. Ramsey, Oklahoma State University  
Rachel Thornburg, Oklahoma State University  
Blake Bloomberg, Oklahoma State University