

AMERICAN ASSOCIATION FOR
AGRICULTURAL EDUCATION

“Stronger Together”



Annual Conference – May 17-20, 2016
Kansas City, Missouri

“Stronger Together”

2016 AAAE National Conference

May 17-20, 2016 – Marriott Country Club Plaza – Kansas City Missouri

TUESDAY, May 17

1:00 – 5:00 pm	Conference Registration	Grand Ballroom Foyer
2:00 – 4:30 pm	AAAE Board of Directors Meeting	Plaza Room
2:30 – 4:30 pm	Journal of Agricultural Education Editing/Managing Board Meeting	Westport
4:30 – 6:00 pm	OPENING GENERAL SESSION	Grand Ballroom DEFG
6:00 – 7:00 pm	Early Career and Mentoring Session Dinner on Your Own	Seville
8:00 – 9:00 pm	Barrick Seminar “Diversity in Ag: It’s Our D-N-A” Stephen Ritz – Founder, Green Bronx Machine	Grand Ballroom DEFG

WEDNESDAY, May 18

7:00 am – 12:00 pm	Conference Registration	Grand Ballroom Foyer
7:00 – 8:30 am	Breakfast Buffet	Grand Ballroom FG
8:00 – 9:00 am	Innovative Poster Session (Set up posters by 7:00 am; remove by 1:00 pm)	Seville Ballroom
9:00 – 10:30 am	AAAE Special Interest Group (SIG) Meetings	Locations posted at Registration Desk
10:30 – 10:45 am	Break	Grand Ballroom Foyer
10:45-11:45 am	Knapp Seminar – Panel Discussion “Partnering for the Future: Trends in Community, Industry, Extension, and Education” Londa Nwadike, Kansas State University Timothy Shaffer, Kansas State University Cliff Becker, Council of Kansas City Kristine Boone, Kansas State University - moderator	Grand Ballroom DEFG
11:45 am – 1:30 pm	Lunch on Your Own	
1:30 – 2:45 pm	GENERAL SESSION AND DISTINGUISHED LECTURE	Grand Ballroom DEFG
2:45 – 3:00 pm	Break	Grand Ballroom Foyer
3:00 – 4:30 pm	AAAE Research Sessions Session A – Teaching Philosophy Session B – Facilities and Farm Animals Session C – Learning and Cognition Session D – Curriculum Integration and Standards	Grand Ballroom ABC Grand Ballroom D Plaza Room Westport
4:30 – 5:30 pm	AAAE Committee Meetings Research Committee Professional Development Committee Program Improvement Committee Member Services Committee	Plaza Room Westport Grand Ballroom ABC Grand Ballroom D
5:30 – 6:30 pm	National FFA Reception Explore Research Collaborations and New RFP Protocols Dinner and Evening on Your Own	Grand Ballroom EFG

THURSDAY, May 19 – University Logo Day

7:00 – 8:00 am	Breakfast Buffet	Grand Ballroom ABC
7:00 – 8:00 am	Academy of Fellows Meeting	Westport
8:00 – 9:30 am	AAAE Research Sessions Session A – Teacher Preparation Session B – International/Extension Education Session C – Leadership and FFA Session D – Agricultural Mechanics	Grand Ballroom FG Grand Ballroom D Grand Ballroom E Plaza Room
9:30 – 9:45 am	Break	Grand Ballroom Foyer

9:45 – 11:45 am	Disciplinary Caucus Session/Time for Impromptu Meetings <i>Teacher Education Caucus Session</i> Space Available for Meeting Space Available for Meeting Space Available for Meeting	Grand Ballroom D Grand Ballroom E Plaza Room Grand Ballroom ABC
12:15 – 1:45 am	KEYNOTE ADDRESS AND LUNCH “And now, Page 2 . . . A more meaningful conversation about food” J. J. Jones, Center for Food Integrity	Grand Ballroom DEFG
2:00 – 3:15 pm	AAAE BUSINESS MEETING	Grand Ballroom DEFG
3:15 – 4:15 pm	Research Poster Session (Set up Posters by 2:00 pm; remove by 7:00 pm)	Seville Ballroom
4:30 – 6:00 pm	Professional Development Session – Panel Discussion “Getting Real: Developing Student Employability Skills” Opening Remarks: Julie Tesch, American Farm Bureau Federation Panel Members: Josh Ligon, Cargill, Inc. Arnedá Shelton, John Deere Ashley Collins, AgCareers.com Nancy Barcus, Agriculture Future of America (moderator)	Grand Ballroom DEFG
6:00 – 10:00 pm	“Taste of Kansas City” – An Evening of Good Times! <i>Partially funded by University of Missouri and Agriculture Future of America</i> Details: Complimentary beverages served 6-9:30; Buffet served 6:30-8:30 Transportation: One bus runs continuously between hotel and Boulevard Brewery 20 minute round trip – bus holds 56 Final trip from Boulevard Brewery leaves at 10:00	Boulevard Brewery

FRIDAY, May 20

6:30 – 8:30 am	Breakfast Buffet	Grand Ballroom FG
8:30 – 10:00 am	AAAE Research Sessions Session A – Technology and teacher Efficacy Session B – SAE Experiential Learning Session C – Work/Life Balance Session D – Learning Literacy	Grand Ballroom D Grand Ballroom ABC Plaza Room Grand Ballroom E
10:00 – 10:30 am	Break	Grand Ballroom Foyer
10:30 am – 12:00 pm	AAAE General Business Meeting	Grand Ballroom DEFG
12:00 – 1:30 pm	AAAE Awards Luncheon	Grand Ballroom DEFG
2:00 – 3:00 pm	AAAE Board of Directors Meeting	Westport

SCHEDULE OF ADDITIONAL ACTIVITIES TAKING PLACE DURING CONFERENCE

TUESDAY, MAY 17

8:00 am – 12:00 pm	Department Chairs and NCAC-024 Meeting	Grand Ballroom ABC
10:00 am – 12:00 pm	S1067 STEM Content in Agriscience Education Multistate Research Committee	Seville I
12:30 – 2:00 pm	CASE Pre-service Roundtable	Seville I
1:00 – 4:00 pm	Great Plains Ag*Idea	Grand Ballroom ABC

WEDNESDAY, MAY 18

7:00 – 8:30 am	OMEGA I AND II Breakfast	Grand Ballroom E
11:45 am – 1:15 pm	The Ohio State University Alumni Luncheon	Café Trio
6:30 pm	Texas A&M/Texas Tech Alumni Dinner	The Grandfalloon
6:30 pm	University of Florida “Gator Greats” Alumni Dinner	Jack Stack Barbecue – Country Club Plaza

CONFERENCE SPEAKERS AND PANEL MEMBERS

BARRICK SEMINAR SPEAKER

Stephen Ritz

Founder, Green Bronx Machine

In addition to being the founder of Green Bronx Machine, Stephen is the self-proclaimed CEO – Chief Eternal Optimist – of Bronx County. With more than 20 years experience as an educator and administrator, Stephen believes that students shouldn't have to leave their community to live, learn, and earn in a better one. Stephen has spent most of his professional life helping move generations of students into spheres of personal and academic successes they have never imagined. While reclaiming and rebuilding the Bronx, Stephen's extended student and community family has grown more than 30,000 pounds of vegetables and generated extraordinary academic performance and living wage jobs. He believes we are limited only by our own imaginations and that we are ALL Amer-I-Cans, Stephen is excited to lead Green Bronx Machine to achieve even more at the National Health, Wellness and Biodiversity Center at PS 55.



KNAPP SEMINAR PANEL MEMBERS

Moderator: Kristina Boone, Ph.D.

Kansas State University, Professor and Department Head, Communications and Agricultural Education

Kris Boone joined the faculty of Kansas State University in 1996. Currently, she administers a department of about 65 professionals, 160 undergraduates and 20 graduate students. The department includes graduate and undergraduate degree programs in agricultural education and communication as well as publishing and news services, bookstore and bulk mail services and University Printing. Prior to her work at Kansas State, Dr. Boone was an extension agent with The Ohio State University Extension and worked in newspapers and public relations. Her bachelor's degree is from Texas Tech University and her graduate degrees are from The Ohio State University.



Cliff Becker

Chairman, The Agricultural Business Council of Kansas City

The Agricultural Business Council of Kansas City is an association that advocates growth and awareness of the food, fiber, agri-science and related industries in the Kansas City region. The Council's member roster includes over 400 professionals. As Farm Journal Media's Vice President, Publishing Director, Mr. Becker works out of their Kansas City office, fostering and reaching strategic multi-media growth goals and business development needs. Mr. Becker's career spans more than 33 years in media and food and agricultural consulting.



Londa Nwadike, Ph.D.

Assistant Professor and State Extension Food Safety Specialist, University of Missouri / Kansas State University

In a unique joint appointment between the University of Missouri and Kansas State University, Dr. Nwadike develops programming and resources in food safety, focusing on consumer and local foods issues. Formerly, the specialist worked for the United Nations Food and Agriculture Organization based in Rome, Italy.



Timothy Shaffer, Ph.D.

Assistant Professor, Kansas State University, Department of Communication Studies

Dr. Shaffer's research centers on deliberative democracy and civic engagement in higher education and community settings. He has published in various journals and is co-editor of two forthcoming books—the first on engaged scholarship of university faculty and Extension educators to be published by Kettering Foundation Press and the second is focused on deliberative pedagogy in higher education settings to be published by Michigan State University Press.



CONFERENCE SPEAKERS AND PANEL MEMBERS

KEYNOTE SPEAKER – J. J. Jones



J. J. Jones

Center for Food Integrity

J.J. joined The Center for Food Integrity in September 2014. He believes there are no problems, only opportunities to find solutions—a philosophy that allows J.J. to work with CFI to build trust in today's food system. Whether it was J.J.'s time serving as a National FFA Officer, working for the Kansas Beef Council or leading the Agriculture Marketing, Advocacy & Outreach team at the Kansas Department of Agriculture, he shares the story of food and agriculture in the U.S. and around the world. He has organized and led over 30 international trade missions on behalf of farmers, ranchers and agribusinesses throughout Asia, Europe and the Americas, and has facilitated conferences and conventions and presented to groups as small as 5 and as large as 50,000. J.J. is no stranger to food and agriculture and feels a sense of purpose in working with food system stakeholders to share their story.

PROFESSIONAL DEVELOPMENT SESSION PANEL MEMBERS

Moderator: Nancy Barcus

Chief Operating Officer Agriculture Future of America

Nancy is responsible for managing the AFA's internal operations, including business and program oversight, while leading the development and evaluation of current and new program initiatives. Previously she was the program manager for AFA and coordinated the community scholarship program with rural leaders in eight Midwestern states, coordinated the annual AFA Leaders Conference, and assisted students and organizations in the internship program development process and recruiting. Prior to joining AFA, Nancy managed business development activity with non-profit and trade association client relationships in Washington, D.C., for Adayana, a full-service consulting firm.



Ashley Collins

Education and Marketing Manager, AgCareers.com

Ashley Collins manages a variety of student outreach initiatives for AgCareers.com. This includes initiatives directly related to student professional development in the workplace as well as corporate initiatives to help companies develop stronger student recruitment programs. Ashley directs partnerships between AgCareers.com and educational organizations and associations such as: National FFA, AFA, MANRRS and others. Additionally, Ashley oversees the AgCareers.com brand across multiple social media platforms and conducts a variety of training programs on behalf of the company.

Josh Ligon

University Recruiting Supervisor, Cargill

Josh leads the university recruiting efforts for the Engineering, Health & Safety, Merchandising, Operations and Sales areas of Cargill. This includes leading a team of 7 recruiters, establishing and building relationships with target schools, developing and driving the university recruiting strategy on campus, and working closely with the business to implement recruiting best practices.



Arned Shelton

Human Resources Business Partner, John Deere

Arned has HR responsibility for the Ag & Turf Sales and Marketing for the US, Global Customer Product Support, Global Marketing Services, A&T Business Development, Global Order Fulfillment and the Turf & Utility Platform. Arned has a strong background in production and manufacturing operations, process planning and execution skills, and a depth and breadth of practical knowledge in HR and in a variety of business and work environments. She has 20+ years of HR experience in Manufacturing and Healthcare.

INNOVATIVE POSTER SESSION – Wednesday, May 18th – 8:00 to 9:00 am

A Cross-Cultural Immersion in Agricultural Education: Changing Preservice Teacher Attitudes towards Urban Agricultural Education Programs

Douglas D. LaVergne, Maggie R.P. Salem, & Bob Williams - Texas A&M University, Commerce

A Flicker of Light: Using Mobile Experiences to Educate Consumers about Energy Efficiency

Sable Sellick, Janviere Umuhoza, & Catherine Shoulders - University of Arkansas

Adding Tools to the Evaluation Toolbox: Exposing Undergraduate Agricultural Communications Students to Dynamic Message Evaluation Tools

Laura Gorham, Troy Tarpley, & Courtney Meyers - Texas Tech University

Ag-In-A-Bag: An Elementary Agricultural Education Program

Amy R. Akins, David C. Frazier, & T. Wayne Atchley - Tarleton State University

Bringing FFA History to Life through FFA History Central

Wendy J. Warner & Gary E. Moore - North Carolina State University

Campus-Based Recruitment Event for Agricultural and Family and Consumer Science Education

Scott Smalley & Amy Smith - South Dakota State University

Connecting the Pieces: A National Effort in Agricultural Safety and Health Educational Programing for Youth

Rebecca G. Lawver, Michael L. Pate, Andrew Mann, Shelly D. Jepsen, Dennis Murphy, & Davis Hill - Utah State University, Ohio State University, Penn State University

Creating an Agricultural Communications Service Center

Keely Hamman, Erica Irlbeck, Courtney Meyers, Courtney Gibson, David Doerfert, Cindy Akers, Steve Frazee & Todd Brashears - Texas Tech University

Creation of an Online Social Media Guide for Agricultural Education Programs

Anna Bates, Gaea Hock, & Courtney Meyers - Texas A&M, Texas Tech, Mississippi State

Cultivating Leadership: The Young Women in Agriculture Leadership Seminar

Natalie Madson, Diane Meyer, & Ann De Lay - California Polytechnic State University, San Luis Obispo

Developing Global Women Leaders in a College of Agriculture

Jera Niewoehner, Caitlin Bletscher, & Nicole Stedman - University of Florida

EDTHENA – Creating a Community of Reflective Teachers

Krysti Kelley, Hannah Holsapple, & Marshall A. Baker - Oklahoma State University

Embracing Internationalization in Higher Education: Introducing an Interdisciplinary International Degree Program to Produce Globally Competent Students

L. Jade Halliburton, Shelli E. Danjean, J. Joey Blackburn, & J.C. Bunch - Louisiana State University

Empowering Preservice Teachers Through Professional Development

Travis D. Park, Joy E. Morgan, Kevin W. Curry, Wendy J. Warner - North Carolina State University

Establishing a Crowdfunding Sustainability Project for Resource-Depleted Secondary Agricultural Education Programs

Morgan L. Schafbuch, Stacy K. Vincent, & Joan Mazur - University of Kentucky

Four-Part Power Punch: Model for Successful Changes in Student Behavior

Alex Tingle, Stacy K. Vincent, Joan Mazur, Morgan Schafbuch, Jennifer Watson, & Tiffany Harper - University of Kentucky

Incorporating Geospatial Technologies in Agricultural Education

Blake C. Colclasure & Andrew C. Thoron - University of Florida

Integrating Agricultural Science in a STEM focused Engineering Camp

Victoria Parker, Cyndi Carpenter, Susan D'Amico, Joy Morgan, & Wendy Warner - North Carolina State University

Integrating Infographics in the Classroom: Student Perceptions of Using Infographics to Disseminate Agricultural Science Information

Laura Gorham, Garrett Steede, Troy Tarpley, & Courtney Gibson - Texas Tech University

Keeping up with the Professionals: Gaining Insight About Emerging Online Media Through Interviews With Experts

Laura Gorham & Courtney Meyers - Texas Tech University

Let's hang out: Using videoconferencing platforms to facilitate agriscience education experiences

Annie Specht & Desiree Seeloff - The Ohio State University

Localizing the Local Food Movement in School-Based Agricultural Education Curriculum

Sarah E. LaRose & Andrew C. Thoron - University of Florida

Outback Wildcat: Teaching Agricultural Education in the Land Down Under

Courtney Crume, Stacy K. Vincent, Kentall M. Wright, Shevahn Telfser, Libby Dawes, Laurence Tuccori, Sharon Brennan, Rebekah B. Epps - University of Kentucky, Charles Sturt University, The Scots School

Owl Pellets – Regurgitating Practical Tips for Agriculture Teachers

Marshall A. Baker, Kate Shoulders, & Brian E. Myers - Oklahoma State University

Pedagogical Content Knowledge Development in an Agriscience for Teachers Course

Amanda C. Miller & Amber H. Rice - University of Georgia

Preparing Student Teachers' for the edTPA-Agriculture

Travis Park, Wendy Warner, Kevin Curry, & Joy Morgan - North Carolina State University

Promoting Majors Leading to High Demand Careers Using Social Media

Brandie Disberger - Kansas State University

Reevaluating Agricultural Youth Program Evaluation

Sarah Bush & Rick Rudd - Virginia Tech

Sending Students on a Goose Chase... Utilizing a Campus Scavenger Hunt to Begin an Introductory Course

Amy R. Smith - University of Minnesota

Strategy for Recruiting Mechanics and Male Teacher Candidates into Agricultural Education

Benjamin G. Swan & Erin K. Gorter - Cal Poly State University, San Luis Obispo

Teach Ag Campaign through a National Singing Day & Agricultural Education Institute

Andrew Thoron, Ed Osborne, Brian Myers, Kirby Barrick, Grady Roberts, & Jim Dyer - University of Florida

Teaching Science, Technology, Engineering and Mathematics through Agriculture, Food and Natural Resources

Neil Knobloch & Hui-Hui Wang - Purdue University

Teaching Students the Importance of Preparation and Practice with PechaKucha

Emily Keeton, Carley Calico, Gaea Hock - Mississippi State University

Team Based Learning: A Professional Development Model for Training the Trainer

John Rasty, OP McCubbins, Robert Frutchey, & Ryan Anderson - Iowa State University

The "Big Inch": Helping Preservice Agricultural Educators Reengage with Mathematical Applications

Chase Colwell, JP Hancock, Kasee L. Smith, & Tim H. Murphy - Texas A&M University

The Mock Well: Constructing a Solar-Powered Water Pumping Demonstration Project

Edward Franklin - University of Arizona

Transforming Technical Content Skills into Teaching Skills

Nathan Conner & Eric Knoll - University of Nebraska-Lincoln

Using Kolb's Learning Style Inventory as a Tool for Agricultural Education Student Teachers

Lesleigh R. Bagley, Kasee L. Smith, & John Rayfield - Texas A&M University

Using RubiStar to Develop Agricultural Mechanics Rubrics

Marshall Swafford & Ryan Anderson - Eastern New Mexico University, Iowa State University

Using Style Tiles to Encourage Creative Design

Joanna King & Courtney Meyers - Texas Tech University

Visualizing the Analysis: Using Infographics to Augment Critical Thinking Skills

Holli Leggette - Texas A&M University

Yes We Hear You! Utilizing the Success Case Method for Program Evaluation

Elizabeth Abraham & Brad Greiman - University of Minnesota

RESEARCH POSTER SESSION – Thursday, May 19th – 3:00 to 4:00 pm

A Content Analysis of the Research Published in the Journal of Agricultural Education

Marshall Swafford, Ryan Anderson, & Richard Johnson - Eastern New Mexico University, Iowa State University, Eastern New Mexico University

A Qualitative Study Investigating Students' Perceptions of Experiential Learning within an Agriculture Curriculum

Timothy Bradford Jr., Gaea Hock, & Alayna Naro - Mississippi State University

Agricultural Education Teacher Turnover in [State] from 2010 to 2015

Alexandra Klapoetke & Tim Buttles - University of Wisconsin, River Falls

Agricultural Mechanics Skills Possessed by Pre-service Agricultural Education Students

Whitney Figland & Ryan Anderson - Iowa State University

An Analysis of Charms, Challenges, and Changes of State FFA CDEs Based on Student Reflections

Shannon Arnold, Dustin Perry, & Carl Igo - Montana State University

Building Preservice Agriculture Teachers' Perceived Tablet Computer Self-Efficacy

Steven J. Rocca - California State University, Fresno

Culture Shock! Examining the Family-Work Culture of Agriculture Teachers

Tyson J. Sorensen, Thomas M. Henderson, & Jonathan J. Velez - Utah State University

Determining Leadership Needs as Perceived by Undergraduate Leadership Students

Ben Weikert, Laura Hasselquist, & Jon Simonsen - University of Missouri

Does Grit Matter? An Examination of Motivation and Performance in National FFA Career Development Events

Kevin Curry Jr, Wendy Warner, & Travis Park - North Carolina State University

Does Selection of the Animal Systems Pathway Influence the Type of SAE Students Choose? A Multi-State Analysis

Courtney Overstreet, John Rayfield, & Roger Hanagriff - Texas A&M University

Effective Teaching: Agriculture Teachers' Confidence in Instructional Method Use and Perceived Effectiveness

Kasee L. Smith & John Rayfield - Texas A&M University

Entrepreneurship in School-Based Agricultural Education for Rural Youth: A Synthesis of Current Literature

Seth Heinert & T. Grady Roberts - University of Florida

Establishing Teaching Efficacy through a Preservice Teacher Reading Program

Sable Sellick & Catherine W. Shoulders - University of Arkansas

Evaluation of a Community Education Event from the Exhibitors' Perspective

Kauahi Perez & M'Randia R. Sandlin - University of Hawaii at Manoa

Examining Student Engagement in a Flipped Classroom

OP McCubbins, Thomas H. Paulsen, & Ryan Anderson - Iowa State University

Expectancy-Value in the Enrollment Factors of Agricultural Education Youth

Morgan Schafbuch, Stacy K. Vincent, Ken R. Jones, & Ellen L. Usher - University of Kentucky

Exploring Meaning: Insight into the Semantics of Slaughter and Harvest

Troy Tarpley, Laura Gorham, & Cindy Akers - Texas Tech University

Exploring the Social Media Conversation in Response to peta2's Blog Post about the National FFA Organization

Courtney Meyers & Lisa Low - Texas Tech University

Factors Underlying Agriculture Teachers' Perceptions toward Biomass Production Education

Guang Han & Robert Martin - Iowa State University

FFA Membership Growth Measured as Market Share

Blaze K. Currie & Erica B. Thieman - University of Illinois at Urbana-Champaign

Gender and Agricultural Teacher Movement

Michael Spiess - California State University, Chico

High School Agricultural Educators Preparing Students to Meet the Biggest Challenges

Henry Goeden & Scott Smalley - South Dakota State University

How Did We Get Here? An Evaluation of Consumers' Cognitive Dissonance Regarding Modern Agriculture Practices

Cassaundra Dietrich & Emily Buck - The Ohio State University

How the Blue Bell Ice Cream Recall was Framed in Newspaper Opinion Pieces

Brandyl Brooks & Courtney Meyers - Texas Tech University

Impact of Farmer-Centered Action Learning on Agroecology Innovation in Rural Haiti

Michael Neumann & Brad Greiman - University of Minnesota

Impactful Themes from a Year-Long Leadership Academy

Laura Hasselquist, Ben Weikert, & Jon Simonsen - University of Missouri

Instructional Level for SAE Competencies in Agricultural Teacher Preparation

Bryan D. Rank & Michael S. Retallick - Iowa State University

Internal and External Values Ascribed to College Major Choice by Students of Color in Agricultural and Life Sciences

Rachelle Purnell & James Anderson II - Virginia Tech

Perceptions of parents on factors preventing youth participation in the 4-H program and other youth development programs within underserved communities in North Carolina.

Martellis Avent & Koralalage Jayaratne - North Carolina State University

Potential Access for U.S. Homeschool Students to Participate in Agricultural Education and FFA

Matthew Kararo & Neil Knobloch - Purdue University

Science Teachers' Perceptions of Science Integration In Agricultural Education

Candis Carraway, Lindsay Kennedy, & Jon Ulmer - Washington State University, Texas Tech University

Self-Regulated Learning in Hybrid Agricultural Science Courses

Marshall Swafford & Steven Chumbley - Eastern New Mexico University, Texas A & M-Kingsville

Self-Regulated Learning in Hybrid Agricultural Science Courses

Marshall Swafford - Eastern New Mexico University

The Elephant in the Room: Examining the Ethnic Profile of Students in Agricultural Education

Kelby McCorkle, Kasee L. Smith, & Roger Hanagriff - Texas A&M University

The Social Media Presence of Water Conservation Organizations in the Ogallala Aquifer Region

Cassie Godwin & Courtney Meyers - Texas Tech University

Through Their Lens: A Photographic Content Analysis of Agricultural Education Student Teaching

Kacie Gallegos, Kasee L. Smith, & John Rayfield - Texas A&M University

Undergraduate student motivation and valuing of active learning in large agricultural leadership and communication lecture courses

Amanda Bowling & John Tummons - University of Missouri

Understanding the Impact of a "Faces of Ag" Tour on Undergraduate Students

Laura Peticara, Amy Smith, & Rebecca Swenson - University of Minnesota

What did Aspiring Young Entrepreneurs in Nicaragua Recognize as Business Opportunities? – Using Photovoice as a Data Collection Tool

Jose M. Uscanga, Craig E. Watters, & M. Craig Edwards - Oklahoma State University

What Influences Middle School Agricultural Education Students to Enroll in a High School Agricultural Education Enrollment in Florida

David L. Chapman, Jr., R. Kirby Barrick, & Andrew C. Thoron - University of Florida

What Not to Wear: An Exploration of How Teacher Attire Shapes Students' Perceptions

Alicia Hayden, Anna Loftin, Charlee Howard, & Catherine W. Shoulders - University of Arkansas

Who's Connected? Understanding Needs and Networks of Regional Sustainable Food Producers

Kathryn A. Stofer & Heather Keown - University of Florida

RESEARCH SESSIONS – Wednesday, May 18 – 3-4:30 pm

Session A: Teaching Philosophy

Location: Southmoreland

Discussant: *Bobby Torres*

Facilitator: *Sable Sellick*

Using Epistemological Positions and Orientations to Instruction to Explore School-Based, Agricultural Educators Perceptual Identities: A Q-Sort Study

Richie Roberts, Diane Montgomery

Student Teaching Changed Me: A Look at Kolb's Learning Style Inventory Scores Before and After the Student Teaching Experience

Kasee L. Smith, John Rayfield

Teachers' Beliefs about the Purpose of Agricultural Education and its Influence on their Pedagogical Content Knowledge

Amber H. Rice, Tracy Kitchel

Lessons Learned: Describing the Preservice Preparation Experiences of Early-Career Award-Winning Agricultural Educators

Lockie R. Breeding, John Rayfield, Kasee L. Smith

Session B: Facilities and Farm Animals

Location: Grand Ballroom D

Discussant: *George Wardlow*

Facilitator: *Mark Hainline*

Facilities in School-Based, Agricultural Education: A Historical Inquiry

Jason P. Twenter, M. Craig Edwards

Agricultural Education: A Philosophical Review of Science and Society

Aaron J. McKim, Mark A. Balschweid, Jonathan J. Velez, Misty D. Lambert

The Role of School Farms in Oregon Agriculture Programs: Characteristics, Uses, Perceptions, and Barriers

Misty D. Lambert, Josh Stewart

Teaching with Animals: The Role of Animal Ambassadors in Improving Presenter Communication Skills

Nicholas E. Fuhrman, Eric D. Rubenstein

Session C: Learning and Cognition

Location: Plaza Room

Discussant: *Brad Greiman*

Facilitator: *Laura Hasselquist*

Connecting Problem-Solving Style to Peer Evaluations of Fellow Team Members' Performance in Secondary Cooperative Learning Projects

Sarah Bush, Curtis Friedel, Lindsay Hoerbert, Thomas Broyles

Undergraduate Knowledge Legitimation Strategies: Metacognition and Epistemological Development

Jessica Gordon, Anna Ball

Effects of the Order of Abstraction and Type of Reflection on Content Knowledge when Teaching Experientially in a High School Classroom

Catherine A. DiBenedetto, Jessica M. Blythe, Brian E. Myers

An Exploratory Examination of the durst Experiential Educator Role Profile

Marshall A. Baker, Jason P. Twenter

Session D: Curriculum Integration and Standards

Location: Westport

Discussant: *Rebecca Lawver*

Facilitator: *Blake Colclasure*

The CORE Community: Impact of Professional Development Training on Career and Technical Education Teachers' Perceptions of the Common Core State Standards

Kristin Stair, Gaea Hock, Wendy Warner, Natalie Levy, Michelle Conrad

Does Mid-Career Matter? A Case Study Examining the Lived Experience and Efficacy of Agriculture Educators Trying to Integrate STEM in Their Curriculum

Tiffany Drape, Megan Lopez, Donna Radford

Exploring Science Teachers' Perceptions of the Curriculum for Agricultural Science Education

Candis Carraway, Jon Ulmer, Scott Burris, Erica Irlbeck

Teacher Application of Self-Regulation in Agricultural Education

R. Bud McKendree, Shannon G. Washburn

RESEARCH SESSIONS – Thursday, May 19 – 8:00-9:30 am

Session A: Teacher Preparation

Location: Grand Ballroom FG

Discussant: *Brian Myers*

Facilitator: *OP McCubbins*

Alternative Certification: A Solution or an Alternative Problem?

Amanda Bowling, Anna Ball

Exploring the Layers of Reflection: A Comparison of the Themes and Practices of Two Reflective Approaches

Avery Culbertson, Hannah S. Carter, Richie Roberts

Seeing What They See: A Photovoice Analysis of Exploratory Early Field Experiences

Marshall A. Baker, Avery L. Culbertson, Jon W. Ramsey, J. Shane Robinson

Enhancing Student Teacher Supervision Through Hybridization: Adding eSupervision to the Mix

Thomas H. Paulsen, Denise A. Schmidt-Crawford

Session B: International/Extension Education

Location: Grand Ballroom D

Discussant: *Jay Jayratne*

Facilitator: *Blaze Currie*

Identifying International Agriculture Concepts for School-Based Agriculture Education Curricula

Nathan W. Conner, Christopher T. Stripling, Hailey Gates

School-Based Agricultural Education Students' Attitudes and Beliefs Toward International Agricultural Concepts

Seth Heinert, Nathan Conner, T. Grady Roberts

Extension Agents' Perceptions of a New Staffing Plan

Libby Durst, Gaea Hock, Marina D'Abreau Denny

Professional Identity Development in the Graduate Extension Scholars Program: Motivations for Participation and Outcomes of Experience

Ayla Wilk, Matt Spindler, Hannah Scherer

Session C: Leadership and FFA

Location: Grand Ballroom E

Discussant: *Jon Ramsey*

Facilitator: *Kyle Gilliam*

Examining Factors Influencing Socially Responsible Leadership Development in College of Agriculture Students

Kristin Kovar, Jon Simonsen, Anna Ball

Exploring the Motivations of Competitors in the FFA Meats Evaluation Career Development Event

Kevin Curry Jr., Wendy Warner, Travis Park

Effects of a Simulation on Eighth Grade Students' Business Management Knowledge and Entrepreneurial Intent in an Exploratory Agriculture Course

Andrea H. Brown, Neil A. Knobloch

The Role of Agricultural Industry and Judging Events in the Formation of the Future Farmers of America

John D. Tummons, Jon C. Simonsen, Michael J. Martin

Session D: Agricultural Mechanics

Location: Plaza Room

Discussant: Ed Franklin

Facilitator: Tommy Henderson

Concerns of Female Preservice Agricultural Mechanics Teachers

John D. Tummons, G. Curtis Langley, Jeffery J. Reed, Emily Paul

Comparison of Teacher Competence in Agricultural Mechanics among Traditionally and Alternatively Certified Agricultural Education Teachers

Robert Frutchey, Preston Byrd, Ryan G. Anderson, Thomas H. Paulsen

Does the Quantity of Agricultural Mechanics Training Received at the Secondary Level Impact Teacher Perceived Importance of Agricultural Mechanics Skills?

John Rasty, Ryan G. Anderson, Thomas H. Paulsen

Utilizing the Concerns Based Adoption Model to Assess STEM Integration in Agricultural Mechanics in Idaho

P. Troy White, Kattlyn J Wolf

RESEARCH SESSIONS – Friday, May 20 – 8:00 – 9:30 am

Session A: Technology and Teacher Efficacy

Location: Grand Ballroom D

Discussant: Michael Newman

Facilitator: Garrett Steede

Assessing the Relationship of Teacher Self-Efficacy, Job Satisfaction, and Perception of Work-Life Balance of Louisiana Agriculture Teachers

J. Joey Blackburn, J. C. Bunch, J. Chris Haynes

The Value of a YouTube Video: A Content Analysis of the Message Sensation Value of GMO Labeling Videos

Amber Krause, Courtney Meyers, Erica Irlbeck, Todd Chambers

A Comparison of the Perceptions of Agricultural Education Professors with Undergraduate and Graduate Students Regarding the Importance of Student-to-Student Interaction in Distance Education Classes

Gary Moore, Wendy, Jane Bachelor, David Jones

Description of Millennial and Non-Millennial Agriculture Teachers' Current and Ideal Emphasis on the Three Components of the Agricultural Education Program

Catherine W. Shoulders, Hannah Toland

Session B: SAE Experiential Learning

Location: Grand Ballroom ABC

Discussant: Michael Retallick

Facilitator: Sarah LaRose

Defining Exploratory SAEs: Examples, Parameters, and Barriers

Clay Zwillling, John Rayfield, Tim Murphy

Supervised Agricultural Experience Programs: An Examination of the Development and Implementation of Urban Programs

Eric D. Rubenstein, Andrew C. Thoron, Blake C. Colclasure, Jillian A. Gordon

Skills Students Need in the Real World: Competencies Desired by Agricultural and Natural Resource Industry Leaders

R. G. (Tre) Easterly III, Anna J. Warner, Brian E. Myers, Alexa J. Lamm Ricky W. Telg

Introductory Agricultural Mechanics in Idaho: A Census of the Importance of Instructional Units and Duration of Instruction

P. Troy White, Kattlyn J. Wolf, Jeremy M. Falk

Session C: *Work / Life Balance*

Location: Plaza Room

Discussant: *Kirk Swortzel*

Facilitator: *Sarah Crame*

Competence and Career Commitment: Exploring New Relationships and Gaining New Understandings in Agricultural Education

Aaron J. McKim, Tyson J. Sorensen, Thomas M. Henderson, Jonathan J. Velez

A National Study of Work-Family Conflict and Turnover Intentions among Secondary Agricultural Educators

Tyson J. Sorensen, Aaron J. McKim, Jonathan J. Velez

Exploring the Influence of Work Characteristics on Work-Family Conflict: A National Study

Tyson J. Sorensen, Aaron J. McKim, Jonathan J. Velez

The Search for Balance and Satisfaction among Agriculture Teachers: A National Study of Work, Family, and Other Life Roles

Tyson J. Sorensen, Aaron J. McKim, Jonathan J. Velez (Or

Session D: *Learning Literacy*

Location: Grand Ballroom E

Discussant: *Susie Whittington*

Facilitator: *Carla Jagger*

The Effect of Pedagogy on Students' Long-term Retention of Knowledge

Marshall A. Baker, J. Shane Robinson

What's the Problem? Investigating Factors that Influence the Hypothesis Generation Ability of School-Based Agricultural Education Students when Troubleshooting

J. Joey Blackburn, J. Shane Robinson

Relationships among Professional Training Factors, Personal Literacy Preferences, Professional Literacy Attitudes and Current Classroom Practices of Agriculture Teachers

Laura Hasselquist, Tracy Kitchel

Comparing Students' Writing Apprehension Scores in a Writing-Intensive Course: A Pre-Test Post-Test Design

Laura Gorham, Courtney Meyers, Shirley Matteson