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AAAE National Conference

May 15-18, 2023

Hilton Raleigh North Hills—Raleigh, North Carolina

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Raleigh, North Carolina

MONDAY, MAY 15

8:00 - 12:00 12:00	Leadership Academy Leadership Academy Lunch	Dogwood Boxwood
9:00 - 2:00	Teacher Ed Caucus	Salons D and E
1:00 - 3:00	NCAC-24	Judicial
3:00 - 5:30	Opening Session/Distinguished Research Manuscript Presentations	Grand Ballroom 4 and 5
5:30 - 6:00	Buses depart hotel for Lynnwood Brewing Concern	
5:45 - 6:30	Graduate Student Welcome Reception	Lynnwood Brewing Concern
6:30 - 9:00	Host University Social	Lynnwood Brewing Concern

TUESDAY, MAY 16– University Logo Day

7:00 - 8:30	Breakfast Buffet	Grand Ballroom 1, 2 and 3
7:30 - 8:30 7:00 - 5:00	All Innovative Poster Presentations Top 10 innovative presented and Top 10 research displayed Innovative posters on display (along with top 10 research)	Salons A, B, and C
CONCURRENT SESSION OPTIONS	Research Manuscript Presentations Session A Session B Session C	Salon D Salon E Salon F
	8:30 - 10:00 Professional Development Session (REPEATED AT 10:15 same room) “Farmers vs. Foodies: A Look at the Outside Forces Forging the Future of Farming and Food” Ray Starling, General Counsel, North Carolina Chamber of Commerce and President of the NC Chamber Legal Institute and “The Threats to Modern Agriculture” Andy Curliss, National Director of Strategic Initiatives, SAS Institute	Boxwood and Dogwood
10:00 - 10:15	Break	Pre-function Area
CONCURRENT SESSION OPTIONS	Barrick Symposium on Agricultural Teacher Education “A Gifted Crop: Centering Place to Cultivate Sustainable Rural Futures” Dr. Amy Price-Azano, Director, Center for Rural Education, Virginia Tech	Grand Ballroom 4 and 5
	10:15 - 11:15 Professional Development Session “Give it a Go: The Fulbright Australia Scholar Experience” Dr. Courtney Meyers – Texas Tech University	Salon E
11:45 - 1:00	Lunch on Your Own Texas A&M Alumni Lunch - Bahama Breeze - 3309 Wake Forest Road Texas Tech Alumni Lunch - Hilton North Hills - Private Dining Room	
1:00 - 5:00	Tours Option #1 - Farmer’s Market, PSI, NC State Option #2 - BASF, Cotton Inc. Option #3 - History Museum, Science Museum	
Evening	Fayetteville Street Social District (suggested) Durham Bulls vs. Nashville Sound Baseball	

WEDNESDAY, MAY 17

7:00 - 8:30	Breakfast Buffet	Grand Ballroom 1, 2 and 3
7:30 - 8:30	All Research Poster Presentations Top 10 Research presented and Top 10 Innovative displayed	Salons A, B, and C
7:00 - 5:00	Research posters on display (along with top 10 innovative)	
CONCURRENT SESSION OPTIONS	Research Manuscript Presentations Session D Session E Session F	Salon D Salon E Salon F
	Knapp Seminar <i>“Lessons Learned from the Pandemic: Future Direction of Extension Education Development and Delivery in the Changing Landscape of Information”</i> Dr. Ben Chapman, Department Head, Agricultural and Human Sciences, NCSU	Boxwood and Dogwood
8:30 - 10:00		
10:00 - 10:30	Break	Pre-function Area
CONCURRENT SESSION OPTIONS	Research Manuscript Presentations Session G Session H Session I	Salon D Salon E Salon F
	Professional Development Session <i>“SAE for All: Philosophy, Structure, and Resources”</i> Andy VonCanon, Candis Carraway, and Matt Kriefels - SAE for All Renewal Committee	
10:30 - 12:00		
12:00 - 2:00	General Business Meeting and Lunch	Grand Ballroom 4 and 5
CONCURRENT SESSION OPTIONS	Research Manuscript Presentations Session J Session K Session L	Salon D Salon E Salon F
	Professional Development Session <i>“SAE for All: “Preparing Preservice Teachers”</i> Andy VonCanon, Candis Carraway, Matt Kriefels - SAE for All Renewal Committee	Boxwood and Dogwood
2:00 - 3:30		
3:30 - 3:45	Break	Pre-function Area
3:45 - 5:00	Distinguished Lecture and 2023 Fellows Recognition	Grand Ballroom 4 and 5
Evening	Glenwood South Social District (suggested) 5:00-7:00 Ohio State Alumni Dinner - Tobacco Road Sports Café, 505 W. Jones 6:30-8:30 Missouri Alumni Event – Bowstring Pizza and Brewery, 1930 Old Wake Forest Rd.	

THURSDAY, MAY 18

7:00 - 8:00	Breakfast Buffet	Grand Ballroom 1, 2 and 3
CONCURRENT SESSION OPTIONS	Research Manuscript Presentations Session M Session N Session O	Salon D Salon E Salon F
	Professional Development Session <i>“Understanding the Research Values of the American Association for Agricultural Education”</i> AAAE Research Values Statement Team – John Rayfield, Tre Easterly, Michael Pate, Rama Radhakrishna, Scott Smalley, Kasee Smith, Kristin Stair, Ricky Telg, Hui-Hui Wang	Boxwood and Dogwood
8:00 - 9:30		
9:30-9:45	Break	Pre-function Area
9:45 - 10:45	AAAE General Session Business Meeting	Grand Ballroom 4 and 5
11:00 - 12:15	AAAE Awards Luncheon	Grand Ballroom 1, 2 and 3

CONFERENCE SPEAKERS

BARRICK SEMINAR SPEAKER

Amy Price Azano

Director, Virginia Tech Center for Rural Education, and faculty member in the School of Education.

A first-generation college student, Dr. Azano grew up in a small rural town in Virginia's Shenandoah Valley and taught high school English before earning her Ph.D. in Education at the University of Virginia in 2009. At Virginia Tech, she directs the Summer Enrichment Experience (SEE VT) and the Supporting Autism Friendly Environments (SAFE) Program. She is also the Principal Investigator for the Appalachian Rural Talent Initiative, Chair of the Rural Education Special Interest Group of the American Educational Research Association, and co-editor of *The Rural Educator*. Dr. Azano's scholarship focuses on equity issues in rural schooling, with a focus on special populations and talent development. She co-authored the first text dedicated to rural preservice education, *Teaching in Rural Places: Thriving in Classrooms, Schools, and Communities*; co-edited *The Bloomsbury Handbook of Rural Education in the United States*; and has authored or co-authored more than 50 peer-reviewed journal articles and book chapters.



KNAPP SEMINAR SPEAKER

Benjamin Chapman

Department Head of Agricultural and Human Sciences; Professor and Director of the Safe Plates Food Safety Extension and Research Program, North Carolina State University

As a teenager a Saturday afternoon viewing of the classic cable movie, *Outbreak*, sparked his interest in pathogens and public health. With the goal of reducing foodborne illness, his group researches food handling and food safety systems; designs and implements food safety strategies; and evaluates messages and media from farm-to-fork. Through reality-based research, the Safe Plates program investigates behaviors and creates interventions aimed at amateur and professional food handlers, managers, and organizational decision makers: the gatekeepers of safe food. Ben also provides leadership to the food sector, serving as Project Director for FoodCoVNET, a collective of food safety professionals conducting research and outreach around COVID-19 concerns in the food supply chain. Ben is the Co-Chair of STOP Foodborne Illness board of directors, an advocacy group for individuals affected by foodborne pathogens. Ben also co-hosts two podcasts, *Food Safety Talk* and *Risky or Not* as well as participates in social media. Find him at @benjaminchapman on Twitter.



PROFESSIONAL DEVELOPMENT SPEAKERS

Ray Starling

General Counsel, North Carolina Chamber of Commerce; President of the North Carolina Chamber Legal Institute

Ray obtained a B.S. in Agricultural Education from NC State University and his J.D., with honors, from the University of North Carolina School of Law. After law school, Ray clerked for a State Supreme Court Justice, practiced law at an international law firm, and became the General Counsel to the North Carolina Department of Agriculture and Consumer Services, and later served as the General Counsel and agriculture policy adviser to the NC Speaker of the House. In 2015, Ray served as the Chief Counsel and agricultural policy adviser to US Senator Thom Tillis and eventually became the Senator's Chief of Staff. In 2017, Ray was tapped to staff the National Economic Council at the White House as the Special Assistant to the President for agricultural policy. He later served as Chief of Staff to United States Secretary of Agriculture Sonny Perdue.

Currently, as General Counsel to the North Carolina Chamber of Commerce and as President of the NC Chamber Legal Institute, he also serves as an Executive Advisor to Aimpoint Research, a leading agriculture and food sector firm that relies on military intelligence techniques to predict and prepare for trends impacting the industry.



Andy Curliss

National Director of Strategic Initiatives, SAS Institute

SAS is the global leader in analytics and artificial intelligence. In his role, Andy crafts and executes strategy with solutions in support of SAS customers across the U.S. in both the government and commercial sectors while also serving as a strategic adviser to company leadership.

Prior to joining SAS, Andy was a leader in the pork industry, serving as global director of external affairs at Smithfield Foods and, before that, as CEO of the North Carolina Pork Council. In both roles, he guided strategy and tactics at the intersection of business planning, public policy, strategic communications, and stakeholder management.

He has been recognized with numerous state and national awards. He has held multiple fellowships and external appointments, allowing him the opportunity to study food systems in Asia, Europe, and South America.

He has volunteered in a variety of board positions and roles at NC State University, NC A&T State University, the NC Biotechnology Center, and with several nonprofit foundations in support of agriculture.



Courtney Meyers

Professor, Department of Agricultural Education and Communications, Texas Tech University

Courtney has developed an international reputation as a scholar in agricultural communications. Dr. Meyers is a member of Texas Tech's Teaching Academy and has received teaching awards at the college, university, and national levels.

The U.S. Fulbright Scholar Program supports university students, faculty, administrators, and researchers to complete international experiences to encourage cultural exchange that leads to mutual understanding. Dr. Courtney Meyers, Texas Tech University, will share her experience of completing a 5-month Fulbright Scholar program in Wagga Wagga, NSW, Australia. She'll provide advice for the application process, moving to another country, and how to make the most of your time. She'll also share ideas for additional research topics in Australia related to agricultural communications, agricultural education, agricultural leadership, and agricultural extension.



PROFESSIONAL DEVELOPMENT SPEAKERS



Candis Carraway



Matt Kriefels



Andy VonCanon

Workshop 1 - *SAE for All: Philosophy, Structure, and Resources* [Open to all AAAE participants.]

Explore the philosophy and structure of SAE for All and its role as a core element of the Three-Component Model of Agricultural Education. During this workshop, we will address the structure of the SAE for All model, misconceptions, and how to integrate the experiential-learning components into an existing agricultural education program. This workshop will be beneficial to all attendees, no matter your experience level with SAE for All, as ready-to-use resources and examples will be shared.

Workshop 2 - *SAE for All: Preparing Preservice Teachers*

[Recommended for those responsible for SAE-specific preservice teacher courses or other training.]

This workshop includes a special focus on preparation strategies for preservice teachers. A draft SAE for All Preservice Teacher Curriculum will be shared with all workshop participants, including three units:

Why does SAE need to Change? -- What is SAE for All? -- What is the Role of the Teacher?

Participants will share existing strategies and have the option to contribute to the national curriculum. Non-traditional teacher preparation, in-service teacher professional development, and a connection to classroom/FFA will also be discussed.

Candis Carraway is currently an Assistant Professor of Agriculture at Stephen F. Austin State University (SFASU). Before earning her Ph.D., she was an ag teacher in Texas for 16 years and was very involved in all facets of SAEs. She currently serves on the SAE for All Advisory Committee.

Matt Kriefels is an Associate Professor of Practice and coordinates the University of Nebraska—Lincoln agricultural education teacher preparation program. He draws on experiences as a former secondary teacher, state staff member, and current researcher when teaching the SAE class at UNL and while serving on the SAE for All Advisory Committee.

Andy VonCanon serves as the Western Region Agricultural Education coordinator in North Carolina, where he works with secondary agricultural educators in developing curriculum and delivering SAE and FFA programming.

“Understanding the Research Values of the American Association for Agricultural Education”

The AAAE Research Values Statement Team has been hard at work over the last year to come up with a document to update our research agenda. Through listening sessions, we learned that the membership did not want a document that looked like the previous iterations. We will be presenting the new *AAAE Research Value Statement* during a general session at the conference, but we suspect members would like to learn more than we have time to share during the session. The purpose of this workshop is to have a deeper discussion about how this document was developed, describe what these values are, and provide some ideas for how to use it.

AAAE Research Values Statement Team

John Rayfield, Tre Easterly, Michael Pate, Rama Radhakrishna, Scott Smalley Kasee Smith,
Kristin Stair, Ricky Telg, Hui-Hui-Wang

AAAE 2023 National Conference – Research Manuscript Presentation Schedule

Distinguished Research Manuscripts - Monday, May 15 – 3:00-5:30 pm – Grand Ballroom 4 and

Discussant: Grady Roberts Timekeeper – Jason Dosset

Time	Manuscript Title	Authors
3:30	<i>The State of Agricultural Mechanics in the Preparation of School-Based Agricultural Education Teachers</i>	Tyler Granberry, J. Joey Blackburn, Richie Roberts
3:50	<i>The Emotional Duties of an Agricultural Educator: Evaluating the Confidence Levels of Agricultural Educators to Support Students with Adverse Childhood Experiences</i>	Dr. William Norris, Dr. Shannon Norris-Parrish
4:20	<i>School Based-Agricultural Education Teachers' Lived Experience of Integrating Virtual Reality into their Classroom</i>	Justin Pulley, Amanda Bowling, Dee Jepsen, Tracy Kitchel
4:40	<i>Learning Leadership in a Post-Pandemic Environment: Brokers, Connection, and New Leadership Trajectories</i>	Haley Q. Traini, Natalie Vaz, Jonathan J. Velez
5:05	<i>Exploring the Experiences of Educators in a Practitioner-Oriented Master's Degree</i>	Dr. R. Bud McKendree, Dr. Aaron J. McKim, Olivia M. Hile, Dr. Michael W. Everett
5:20	<i>A Call to Better Qual: A Philosophical and Methodological Examination to Advance Phenomenological Research</i>	Dr. Rebecca Mott, Dr. Becky Haddad

Session A - Tuesday, May 16 – 8:30-10:00 am – Salon D

Discussant: Tre Easterly

Timekeeper – Heather Nesbit

Time	Manuscript Title	Authors
8:30	<i>SAE for All Implementation in North Carolina</i>	Jillian C. Ford, Dr. Misty D. Lambert
8:53	<i>An Exploration of Consumers' Intent to Engage with Social Media Misinformation Related to Agricultural Hemp and Cannabidiol (CBD)</i>	Dr. Taylor K. Ruth, Dr. Blake C. Colclasure, Dr. Levy G. Randolph, and Dr. Tiffany Rogers-Randolph
9:16	<i>Identifying the Perceptions, Barriers, and Implementation of Middle School Supervised Agricultural Experiences</i>	Christopher J. Eck and R. Jason Davis
9:39	<i>That's Not In My Position Description: A Discourse Analysis of SBAE Migratory Context Abstract</i>	Becky Haddad, Josh Stewart, Jonathan Velez, Haden Botkin, Aaron Miller, Stephanie Godfried, Ben Myers, Caleb VanZee, John Shellum

Session B - Tuesday, May 16 – 8:30-10:00 am – Salon E

Discussant: Daniel Foster

Timekeeper – Kayla Marsh

Time	Manuscript Title	Authors
8:30	<i>A Conceptual Paper: Analyzing STEM Integration through AFNR Using Disciplinary Ways of Thinking</i>	Dr. Hui-Hui Wang, Dr. Neil A. Knobloch
8:53	<i>Assessing the Effects of Virtual Cue Implementation in Virtual Reality Welding Training)</i>	Britney Heibel, Dr. Ryan Anderson, Bradley Borges, Dr. Marshall Swafford
9:16	<i>"The lost boys": A case study of male Agricultural Education teacher certification students who changed their career trajectories</i>	Dr. John D. Tummons, Dr. Rebecca Mott, Ms. Rachel Bagnell
9:39	<i>Investigating the Effects of Cognitive Style on Course Motivation for Students' Enrolled in a Team-Based Learning Formatted Introductory Agricultural Mechanics Course at Louisiana State University</i>	Whitney L. Figland-Cook, Dr. Joey Blackburn, Dr. Kristin Stair, Dr. Richie Roberts, Dr. Michael Burnet

Session C - Tuesday, May 16 – 8:30-10:00 am – Salon F

Discussant: Gaea Hock

Timekeeper – Kacee James

Time	Manuscript Title	Authors
8:30	<i>The Resiliency and Thriving of Gay Men in Agricultural Education: A National Mixed Methods Study</i>	Caleb M. Hickman, Dr. Stacy K. Vincent
8:53	<i>Communicating Cooperatively: Exploring Social Media and Online Communication Use of Agricultural Commodity</i>	Rhonda DeLynn Butler, Dr. Courtney Gibson, Dr. Erica Irlbeck, Dr. Courtney Meyers
9:16	<i>THE RAINBOW OWL: A PHENOMENOLOGICAL ANALYSIS OF LGBTQ+ AGRICULTURAL EDUCATION TEACHER EXPERIENCES</i>	Colby Gregg, Dr. Amanda Bowling
9:39	<i>Relationship Between Employee Morale and the Perceived Relationship With Staff Chairs of the Arkansas Cooperative Extension Service Employees</i>	Dr. Sherry Beaty-Sullivan, Dr. Kirk A. Swortzel

Session D – Wednesday, May 17 – 8:30 – 10:00 am – Salon D

Discussant: Brad Coleman Timekeeper – Ginger Orton

Time	Manuscript Title	Authors
8:30	<i>Educational Law: How do Superintendents Perceive the Relevance of Educational Law Issues to Agricultural Educators</i>	Dr. William Norris, Dr. Shannon Norris-Parrish, Terrance Crayton
8:53	<i>Teaching Outside of the Margins: School-Based Agricultural Education Teachers' Perspectives on Globally Competent Teaching During an International Experience</i>	Dr. Richie Roberts, Dr. Kristin S. Stair, Whitney F Figland, Dr. K.S. U. Jayaratne
9:16	<i>Attempts Toward Blended Teaching and Personalized Learning in School-Based Agricultural Education</i>	D. Bret Milliken, Haley Q. Traini, Josh Stewart
9:39	<i>Experiences of Recently Graduated Women School Based Agricultural Education Students</i>	Angus Donaldson, Amber H. Rice

Session E – Wednesday, May 17 – 8:30 – 10:00 am – Salon E

Discussant: Chris Eck Timekeeper – Katrina Swinehart

Time	Manuscript Title	Authors
8:30	<i>Gender Representation and Re-Alignment in Agricultural Education: A Historical Analysis of Structural and Cultural Changes</i>	Alexander K. Tingle, Dr. Rebekah B. Epps, Eric M. Moser
8:53	<i>Utilizing Framing Theory to Construct a Typology of Farm to School in Georgia</i>	Jade Frederickson, Dr. Jason Peake
9:16	<i>A Longitudinal Examination of Noncognitive Skills in Secondary Agricultural Education Students Across the COVID-19 Pandemic</i>	Dr. Kasee Smith, Dr. Jeremy Falk, Ms. Claire Bardsley
9:39	<i>Communicating with Prospective Agricultural and Environmental Sciences Graduate Students through a Uses and Gratifications Lens</i>	Allison R. Byrd, Dr. Alexa J. Lamm

Session F – Wednesday, May 17 – 8:30 – 10:00 am – Salon F

Discussant: Jon Ramsey Timekeeper – Bret Milliken

Time	Manuscript Title	Authors
8:30	<i>Exploring Preservice Secondary Agricultural Educator Perceptions of Global Issues Integration into Instruction</i>	Carson Letot, Dr. Daniel Foster, Dr. Kevin Curry, Dr. Melanie Miller Foster
8:53	<i>Fake It Till You Make It? College Students' Perceived Ability Versus Actual Ability to Identify Fake News on Agricultural Topics</i>	Mary Katelynn Horton, Dr. Courtney Gibson, Dr. Laura Fischer, Dr. Todd Chambers
9:16	<i>They don't know Diddly Squat: The influence of Clarkson's Farm on college students' knowledge and perceptions of agriculture</i>	Erica Summerfield, Nicole Volk, Dr. Annie Specht, Dr. Kellie Clafin
9:39	<i>An Investigation of Oregon and Texas Residents' Information Seeking and Processing Behaviors During Extreme Weather Events</i>	Dr. Cara Lawson, Dr. Whitney Stone, Dr. Laura Fischer

Session G – Wednesday, May 17 – 10:30 am – 12:00 pm – Salon D

Discussant: Kim Dooley

Timekeeper – KJ Joseph

Time	Manuscript Title	Authors
10:30	<i>A Historical Review of Course Requirements in Agricultural Mechanics for Agricultural Education, Teacher Education Undergraduates at Nine 1862 Land-Grant Universities</i>	Kristopher R. L. Rankin III, Dr. M. Craig Edwards
10:53	<i>Inclusion for All? Opportunities and Challenges of Including Students with Diverse Needs in FFA Activities</i>	Mary Kate Morgan Lanier, Dr. Joy Morgan Fleming, Dr. Wendy Warner, Dr. Barbara Kirby
11:16	<i>A Scoping Review on the Impact of Educational Technology in Agricultural Education</i>	Anjorin Ezekiel Adeyemi, Dr. Zhihong Xu, Dr. Rafael Quijada Landaverde, Dr. Ashlynn Kogut, Dr. Mat Baker
11:39	<i>Determining Professional Development Needs of School-Based Agricultural Education Teachers for Working with English Language Learners</i>	Dr. Maggie P. Salem, Dr. Will Doss, Dr. Christopher M. Estep

Session H – Wednesday, May 17 – 10:30 am – 12:00 pm – Salon E

Discussant: Haley Traini

Timekeeper – Amy Lehman

Time	Manuscript Title	Authors
10:30	<i>Educational and Life Skill Development and Intrinsic and Extrinsic Returns of Texas 4-H and FFA Livestock Show Projects: Perceptions of County Extension Agents, Agricultural Science Teachers, and Livestock Exhibitor</i>	Dr. Dottie Goebel, Dr. Gary Briers, Dr. Jaehyun Ahn, Dr. Scot Cummings, Dr. Billy Zanolini, Dr. Jeff Ripley
10:53	<i>Using Self-Efficacy Theory to Design Arduino Instruction for Novices: A Replication Study</i>	Donald M. Johnson, Michael L. Pate, Christopher M. Estep, George W. Wardlow
11:16	<i>Experiences from a Land-Based Learning Project Focused on Local Food Interventions</i>	Abbey L. Palmer, Dr. R. Bud McKendree, Dr. Aaron J. McKim, Dr. Phillip Warsaw, Maezie Nettleton, Tiffany Marzolino, Haley Brasier
11:39	<i>Disability Inclusion and Awareness in Youth Livestock Expositions</i>	Regan Culp, Dr. Jonathan Ulmer, Dr. Brandie Disberger, Dr. Gaea Hock

Session I – Wednesday, May 17 – 10:30 am – 12:00 pm – Salon F

Discussant: Robert Strong

Timekeeper – Heather Young

Time	Manuscript Title	Authors
10:30	<i>The Validation of the Preservice School-Based Agricultural Education Teacher Dispositions Instrument</i>	Dr. Christopher J. Eck, Dr. Kellie Clafin, Dr. Brooke Thiel
10:53	<i>Using Audience Segmentation to Identify Target Audiences for Climate-Smart Beef Production Communication</i>	Ginger Orton & Dr. Laura Fischer
11:16	<i>Improving Managerial and Leadership Effectiveness in Multistakeholder Organizations</i>	Samuel Ikendi, Michael Retallick
11:39	<i>The Effects of Reflection Mode and Transfer Level on Students' Transfer Skills While Learning Experientially</i>	Bradley M. Coleman, J.C. Bunch., Glenn D. Israel, T. Grady Roberts, Allen F. Wysocki

Session J – Wednesday, May 17 – 2:00 -3:30 pm – Salon D

Discussant: Kirk Swortzel

Timekeeper – Carson Letot

Time	Manuscript Title	Authors
2:00	<i>Driving Feedback Home: A Hermeneutic Phenomenology of Feedback Patterns Between University Supervisors and Teacher Candidates</i>	Kirby J. Schmidt, Natalie Vaz, Josh Stewart
2:23	<i>Playing the Game: A Case Study of Latinx Leaders in an Agricultural Youth Organization</i>	Graciela Barajas, Dr. Stacy K. Vincent
2:46	<i>You Can't Train Them to Care: Perceptions of [State's] Young Farmers and Ranchers Leadership Group on Necessary Skills for High School Graduates to Gain Entry-Level Employment</i>	Heather L. Young, Dr. R. G. (Tre) Easterly III, Amy M. Brown, Dr. JC Bunch
3:09	<i>One Without the Other: Contextualizing Mobility Through Discourse Analysis</i>	Becky Haddad, Jonathan Velez, Haden Botkin, Josh Stewart, Aaron Miller, Stephanie Godfrie, Ben Myers, Caleb VanZee, John Shellum

Session K – Wednesday, May 17 – 2:00 -3:30 pm – Salon E

Discussant: M'Randa Sandlin

Timekeeper – Jason Dosset

Time	Manuscript Title	Authors
2:00	<i>Describing Instructional Method Use for Early, Middle, and Late Career Stage School-based Agricultural Education Teachers</i>	Dr. Will Doss, Dr. John Rayfield
2:23	<i>Measuring Mobility: A Quantitative Description of Mobility in Minnesota</i>	Becky Haddad, Lavyne L. Rada, Amy R. Smith
2:46	<i>Exploring the Relationship Between Systems Thinking Tendencies and Green Consumer Values to Inform Innovative Educational Connections</i>	Allison R. Byrd, Kristin E. Gibson, Catherine E. Sanders, Rachel Corry, Dr. Kevan Lamm, Dr. Alexa J. Lamm
3:09	<i>SBAE Induction-Year Teachers' Self-Perceived Professional Development Needs: A Mixed Methods Study</i>	Jessica M. Toombs, Rob Terry, Jr., Jon W. Ramsey, J. Shane Robinson, & Toni A. Ivey

Session L – Wednesday, May 17 – 2:00 -3:30 pm – Salon F

Discussant: Natalie Ferand

Timekeeper – Colby Gregg

Time	Manuscript Title	Authors
2:00	<i>Perceptions of Pre-service Teachers' Ability to Use AET as a Data Management System</i>	Tyler J. Price, Emily O. Manuel, Emily A. Sewell, J. Shane Robinson
2:23	<i>Suicide and School-based Agricultural Education in the Southern Region – A Multistate Exploratory Study</i>	Drs. Chaney Mosley, Eric Rubenstein, Carla Jagger, Chris Clemmons, O.P. McCubbins, Jason Davis, Ying Jin, Rebekah Epps, Kristin Stair, Dale Layfield, Jon Ramsey, Chris Haynes, Don Johnson, and Edly Santiago
2:46	<i>An Evaluation of U.S. Egg Industry Experts' Perceptions of Alternative Housing Environments: Implications for the Marketing and Communication of Egg Products</i>	Dr. Rexanna Powers Degruy, Dr. Richie Roberts, Dr. Kristin S. Stair
3:09	<i>Does the Mentorship of Cooperating Teachers Meet the Needs of Their Student Teachers? A Mixed-Methods Exploration</i>	Heather Nesbitt, Dr. Debra Barry

Session M – Thursday, May 18 – 8:00 – 9:30 am – Salon D

Discussant: Rama Radhakrishna

Timekeeper – Heather Young

Time	Manuscript Title	Authors
8:00	<i>A Historical Review of Urban Cooperative Extension in the United States with Special Emphasis on the Southern Region</i>	Joshua Campbell, Dr. M. Craig Edwards
8:23	<i>Developing Transformational Learning Tools to Increase Systems Thinking Capacity: Implications for Agricultural Education</i>	Catherine E. Sanders, Allison R. Byrd, Kristin E Gibson, Aaron Golson, Dr. Kevan W. Lamm, Dr. Alexa J. Lamm
8:46	<i>Evaluating Youth Leadership Development of 4-H Foods and Nutrition Program</i>	Allison Drabek, Peng Lu, Xin Li, Julie Gardner, Darlene Locke, Gary Briers, Jun Wang
9:09	<i>Empowering Hidden Voices: A Photo Narration of Community Food Needs By Two Cross-Town Middle Schools in Kentucky</i>	Dr. Stacy K. Vincent, Tori Summey, Katrina Clontz

Session N – Thursday, May 18 – 8:00 – 9:30 am – Salon E

Discussant: Koralalgae Jayaratne

Timekeeper – Hannah Parker

Time	Manuscript Title	Authors
8:00	<i>Communication Channel Use: Assessing Media Richness as an Approach to Graduate Student Recruitment in a College of Agricultural and Environmental Science</i>	Allison R. Byrd, Dr. Alexa J. Lamm
8:23	<i>Oklahoma School Superintendents Perceptions Toward School-Based Agricultural Education</i>	Christopher J. Eck and Nathan A. Smith
8:46	<i>4-H Extension Educator's Perceptions on Disability Awareness and Inclusion</i>	Regan Culp, Dr. Jonathan Ulmer, Dr. Gaea Hock, Dr. Brandie Disberger
9:09	<i>Perceived Barriers and Resources Needed to Effectively Implement SAE for All</i>	Jillian C. Ford, Dr. Misty D. Lambert

Session O – Thursday, May 18 – 8:00 – 9:30 am – Salon F

Discussant: Katie Sanders

Timekeeper – Tyler Price

Time	Manuscript Title	Authors
8:00	<i>An Intersectional Research Synthesis of Multicultural Education Studies</i>	Eric M. Moser, Stacy K. Vincent
8:23	<i>Determining the Needs of School-Based Agricultural Education Teachers in Oklahoma</i>	Kayla N. Marsh, Kristopher Rankin III, Christopher J. Eck, and Nathan A. Smith
8:46	<i>Assessment of Agronomy Extension Education on Farmers' Empowerment Towards Food Production in Rural Uganda</i>	Samuel Ikendi, Francis Owusu, Dorothy Masinde
9:09	<i>Determining the Effectiveness of CASE Professional Development for CASE-certified Agricultural Education Teachers</i>	Anna Bowser, Scot Smalley

Poster Sessions

Top 10 Innovative Posters

A Point-less Class: Ungrading in a Graduate Leadership Course (5490)

Haley Q. Traini, Kelsey J. Joseph, and Jonathan J. Velez - Oregon State University

Applying the Experiential Learning Cycle Through Service Learning Projects (5472)

Jillian C. Ford and Misty D. Lambert - North Carolina State University

Escaping a Lecture: Utilizing a Digital Escape Room to Introduce the SAE for All Model (5471)

Jillian C. Ford and Misty D. Lambert - North Carolina State University

Facilitating an Early Field Experience via a Regional Career and Technical Education Outreach Event for Underrepresented Students (5422)

Trent Wells - Southern Arkansas University

Incorporating Industry Mentors Into Leadership Courses (5662)

Natalie Vaz, Hayley Traini, and Jonathan Velez - Oregon State University

"Putting Myself in my Employer's Shoes:" Implementing Target User Personas for Personal Portfolio Website Creation in the Agricultural Communications Classroom (5577)

Kindle Catching and Laura M. Fischer - Texas Tech University

The Art and Science of Agriculture: Building Preservice Teachers' Capacity to Engage in Interdisciplinary Education (5692)

Jessica Myschisin and Kevin Curry, Jr. - The Pennsylvania State University

Under/Grad Research: Establishing a Ph.D. Research Mentoring Program (5674)

Amanda M. Bowling, Hannah C. Parker, Erica D. Summerfield, Colby Gregg, and Annie Specht - The Ohio State University

Voice and Choice: Learning Expression Choice Boards for Learning Reflection (5492)

Nicole Ray and Robert Strong - Fresno State University, Texas A&M University

Youth Mental Health First Aid Certification: Providing Resources for Preservice Teachers (5511)

Caryn Filson - The Ohio State University

Top 10 Research Posters

Analyzing Race and Ethnicity Trends of Program Completers in Agricultural Education (5612)

Daniel Foster, Amy Smith, Mike Spiess, and Rebecca Lawver - The Pennsylvania State University, University of Minnesota, California State University-Chico, Utah State University

Are Two Better Than One? An Evaluation of Team Teaching in Teacher Preparation (5578)

Grace Dooley, Alyssa Glover, Sallie McHugh, and Farish Mulkey - Abraham Baldwin Agricultural College

Budding Knowledge: Consumers' Information Needs Related to Agricultural Hemp (5608)

Anuradha Choudhary, Abigail Durheim, Raquel Taylor, Kasey Harmon, Dr. Taylor Ruth, Dr. Nathan Conner, and Dr. Blake Colclasure - University of Nebraska-Lincoln; Doane University

Identifying the Topic Areas Presented in Feature Stories on the Australian Broadcasting Corporation's Landline (5496)

Dr. Courtney Meyers - Texas Tech University

Is Cooperative Extension Prepared to Promote Precision Agriculture Technologies? (5480)

Chin-Ling Lee, Robert Strong, Gary Briers, and Theresa Murphrey - Texas A&M University

Predicting Adopters and Non-Adopters of Precision Agriculture Technologies (5616)

Dr. Patteron Hllaire, Dr. Kirk A. Swortzel, Dr. Michael E. Newman, and Dr. Michael S. Cox - Mississippi Forestry Commission, Mississippi State University

Social Network Analysis of an Agricultural Leadership Program (5436)

Laura L. Greenhaw and Matthew Gold - University of Florida

Statistical Power in the Journal of Agricultural Education, 2012 - 2022 (5438)

Henry Akwah, Christopher M. Estep, and Donald M. Johnson - University of Arkansas

Successful Teaching Methods for Middle School Agricultural Education in Kansas (5499)

Ali Herbel, Dr. Gaea Hock, Dr. Brandie Disberger, and Dr. Lori Goodson - Kansas State University

The value in trust: An exploration of personal values in relation to trust in science (5595)

Erica Summerfield, Dr. Cara Lawson, and Dr. Laura Fischer - The Ohio State University, Texas Tech University

Note: Top 10 Research and Innovative Posters will be on display with voting enabled during both poster sessions.

Voting INSTRUCTIONS:

Vote using the following link <http://aaae.agedweb.org/vote.asp> or QR code.

- A. View posters/record your favorite number; go to the web site.**
- B. Enter your appropriate voting code (specific to poster category).**
- C. Enter number of your favorite poster for each category.**



Session 1 – Tuesday, May 16 – 7:30-8:30 AM – Innovative Posters

A Cross-disciplinary Approach to Agricultural Literacy at the Middle School Level: "Growing" Interest in Social Studies & Science Students

K. Dale Layfield, Paul Johnson, Joe Brandt, Cameron Ramsey, Audie L. Cherry, Joseph L. Donaldson, Christopher J. Eck, and Beatrice Bailey - Clemson University, Dutchman Creek Middle School, Rock Hill ATC, North Carolina State University, Oklahoma State University

A Model for Cannabis Education: A Land Grant Tribal College and Private University Partnership

Blake Colclasure - Doane University

A New Model for Scholarship Dissemination in Agricultural Communication, Education, Extension, and Leadership

Grady Roberts, Amy Harder, Jimmy Lindner, and Robert Strong - University of Florida, University of Connecticut, Auburn University, Texas A&M University

A Picture is Worth a Thousand Words: Using Photovoice Reflection Assignments to Build Cultural Competency

Cari A. Cearley, Tyler J. Price, Lauren L. Cline, and M. Craig Edwards - Oklahoma State University

Adapting the 5E Instructional Method to a Foundational Agricultural Communications Course

Victoria U. Beasley, Molly A. West, Emoni White, and Tyler Granberry - University of Tennessee-Knoxville

Agricultural Education on the Move Training Day

John D. Tummons, Rebecca L. Mott, Heather Fletcher, Natalie Koch, and Max Hagaman - University of Missouri

An Inaugural Career Development Event in Sustainable Agriculture

Clanci Richardson, Robert Williams, Maggie Salem, and William Doss - Texas A&M University-Commerce, University of Arkansas

Art, Ag, & Action: Developing Campus Partnerships for Inquiry-Based Learning in Agricultural Literacy

Carson Letot, Jessica Myschisin, and Rachel Duke - The Pennsylvania State University

Bringing History to Life: Creation of Supplemental Curriculum to Illuminate NFA History within School-Based Agricultural Education Programs

Jeanette T. Furlong and Nathan A. Smith - Oklahoma State University

Building Professional Collaboration and Identity Through Pre-service Agricultural Education Teacher Professional Development

Trent Wells and Christopher M. Estep - Southern Arkansas University, University of Arkansas

Caring Cards: A Peer-to-Peer Mental Health Intervention in Agricultural Communities

Katrina Clontz, Dr. Carolyn Oldham, Dr. Stacy Vincent, and Kelly McFarland - University of Kentucky

Communicating agriculture to the public: A conference for high school agriculture students

Max Hagaman, Rebecca Mott, John Tummons, Cord Jenkins, Jaelyn Peckman, and Jon Simonsen - University of Missouri

Cultivating Collaborative Action: National Supply and Demand Data Sharing

Daniel Foster, Amy Smith, Rebecca Lawver, and Mike Spiess - The Pennsylvania State University, University of Minnesota, Utah State University, California State University-Chico

Cultivating the Next Generation of Educators Through an Online Ag Ed CDE

Cheyenne Hoppes, Hannah Houk Gordon, Wendy Warner, and Mary Kate Morgan Lanier - North Carolina State University

Cultural Awareness and Support for Safety Education: Integrating Inclusive Research Design

Taija Jackson, Michael Pate, Becki Lawver, Dustin Perry, and Scott Smalley - Utah State University, Utah State University, Utah State University, Montana State University, Iowa State University

Developing a Competency Based Registered Apprenticeship for Military Veterans

Sara Kidd; Angel Cruz, PhD; Joseph L. Donaldson, PhD - North Carolina State University

Developing a Sheep Marketing Educational Website for Educators and Novice Producers

Sarah Thies and Dr. Neil Knobloch - Purdue University

Developing an Agricultural Mechanics Academy

Brittney Heibel, Ryan Anderson, and Doug Morrish - Texas State University

Developing College of Agriculture Students to Become Civic Leaders

Kameron Rinehart, Dr. Jason Headrick, and Alexa Salinas - Texas Tech University

Developing Transformational Student Learner Outcomes Through Artificial Intelligence

Jennifer Richards, Brent Lamons, Tyler Granberry, Jamie Greig, Shelli Rampold, Molly West, Victoria Beasley, Carrie Stephens, and Christopher Stripling - University of Tennessee

Engaging and Educating Agricultural Educators through In-State Study Experiences

Nikki Miller, Joy Morgan, Wendy Warner, Travis Park, and Misty Lambert - North Carolina State University

Enhancing Collaborative Learning in Agricultural Communication Internship Courses through the TPACK Model

Shuyang Qu, Chuanli Zhou, and Hang Shi - Iowa State University

Expanding Youth Knowledge and Skills in Lawnmower Safety

Forrest Lang and Dr. Dee Jepsen - The Ohio State University

Experiential Agricultural Literacy: Focus on Commodities Elementary School Curriculum

Kelly Gill and Amy Leman - University of Illinois at Urbana-Champaign

Experiential Learning Through Podcasting: Creating Opportunity for Advanced Pedagogy

Jason Headrick - Texas Tech University

Fab it Up: Involving Pre-service Teachers in an In-service Teacher Professional Development Experience

Trent Wells and P. Ryan Saucier - Southern Arkansas University, Sam Houston State University

How Can Agricultural Education Scholars Compete with Other Fields h-index's? Answer: Reporting Their Field Citation Ratios

Robert Strong, Bruce Herbert, and James Lindner - Texas A&M University, Auburn University

Implementing a Women of Welding Camp for Secondary Female Students

Lourdez Garza, Kenedy Kornegay, Ryan Anderson, and Bradley Borges - Texas State University

Incorporating a MakerSpace Project into an Introduction to Agricultural Engineering Course

Brittney Heibel, Bradley Borges, and Ryan Anderson - Texas State University

Increasing Access to Undergraduate Research

Logan Layne, Donna Westfall-Rudd, Hannah Sunderman Tiffany Drape - Virginia Tech

Innovative Idea: Using Agricultural Literacy to develop a Community of Practice for SBAE Students

Jennifer E. Bennett, Kellie Enns, and Nathan Clark - Colorado State University

Integrating Agriscience: Using Hands-on Teaching to Develop Hands-on Teachers

Jennifer Brown and Dr. Kristin Stair - Louisiana State University

Integrating NFA History into School-Based Agricultural Education

Susan L. Jones and Wendy J. Warner - North Carolina State University

Learn - Plan - Do: A Reflection Tool for Teacher Induction Professional Development

Lavyne Rada, Amy Smith, and Brad Greiman - University of Minnesota

Mock Roof Project for Installation of Demonstration Solar Array by University Students

Jonathan Link, Edward Franklin, Robert Torres, and Quinton Molina - University of Arizona, Tucson

Oh Deer! A Lesson in Data Visualization and Mathematical Thinking

Kendrick L. Spencer and D. Brett Milliken - Virginia Tech

Providing Agriculture Training to Veterans: The VAEAP Project in the Southwest

Edward Franklin, Ursual Schuh, Trent Teegerstrom, Jing Luo, and Sofia Montes - University of Arizona, Tucson

Recruitment Road Trip: Partnering with FFA Evergreen Tour for Teach Ag Workshops

Kaitlynn R. Davis, Kaitlyn O. Wright, and Anna J. Warner - Washington State University

Reflections on Data Collection Methods in Elementary Agriculture Education: Do large cash incentives matter?

Maria Helm, Nicholas Fuhrman, and Jason Peake - UGA ALEC, UGA Warnell

Service-Learning through CDEs for Preservice Teachers

Emily O. Manuel, Robert Terry, Jr., and Nathan A. Smith - Oklahoma State University

Still life with school supplies: Teaching agricultural photography through Kolb's Experiential Learning Model

Rachel Hendrix, Lucas Moreland, and Emily Perdue - West Virginia University

Student Engagement in a Place-Based Educational Experience to Enhance Ag Literacy

Bryanna Nelson, Hui-Hui Wang, Neil Knobloch, and Bryan Hains - Purdue University, University of Kentucky

Student-Centered One-Health Modules: Digital Science Curriculum to Address Complex Interdisciplinary Issues

Julie Harlin, Theresa Murphrey, Torri Whitaker, Nicola Ritter, Christine Budke, and Hank Walker - Texas A&M University

Supporting All Youth: Developing a Training Curriculum for Youth Development Organizations to Better Connect with LGBTQ+ Youth

Kevin Treadway, Jennifer Richards, Shelli Rampold, Daniel Collins, Craig Pickett, and Carrie Stephens - University of Tennessee

Supporting International Graduate Students Through Participation in Graduate Peer Mentoring Programs

Abasiama-Arit Aniche, Andrew Waaswa, and Joy Morgan - North Carolina State University

Teaching Studios: Combining content & pedagogy in early degree coursework

Jessica M. Blythe, Kirsten Stephan, Danielle Grant, Rachel Hendrix, and Aaron Giorgi - West Virginia University

The Growth in Leadership Skills and Development of Fellowship through Literacy

Rachelle Andreatt, Joy Morgan, Wendy Warner, Rachel Vann, Travis Park, and Brent Jennings - North Carolina State University

Tools for Another Time: Using a Weekend Course to Build Teacher Efficacy in Training Career Development Events in School-Based Agricultural Education

Tyler J. Price and Jon W. Ramsey - Oklahoma State University

Using a Head-to-Head Electrical Troubleshooting Championship Contest to Improve Student Engagement and Knowledge

Bradley Borges and Ryan Anderson - Texas State University

Using a Strawberry DNA Challenge to Explore the Needs of Students with Disabilities

Saralyn Smith and Dr. Kristin Stair - Louisiana State University

Using Agriculture Education as a Holistic Health Approach: An Innovative Model for Navigating the Transition from Military to Civilian Life

Alyssa Spence, Robert Elliot, and Roberta Bellamy, PhD - NC State University

Using an FFA Officer Leadership Curriculum to Develop Leadership Skills in Middle School Agriculture Students

Rebekah L. Wright, Jennifer K. Richards, Shelli D. Rampold, Tyler Granberry, and Christopher Stripling - University of Tennessee-Knoxville

Using LinkedIn for an End-of-term Synthesizing Portfolio Project

Garrett Brogan and Dr. Allison L. Dunn - Texas A&M University

Using Progressive Career Dinner Events to Promote Career Readiness and Opportunities

Joy Morgan and Andrew Waaswa - North Carolina State University

Using Simulation to Teach Livestock Management Practices in an Undergraduate Agricultural Science Course

Randy H. Burnett and Trent Wells - Southern Arkansas University

Using the FEW-Nexus to Engage Middle Grade Students in Reasoning about Local Socio-Ecological Systems Issues

Kendrick Spencer, Hannah H. Scherer, Amy Azano, Rachelle Kuehl, Michelle Rasheed, Malle Schilling, and Heather Wright - Virginia Tech, Virginia Tech, Virginia Tech, Virginia Tech, University of South Carolina Aiken, Virginia Tech, Gardner-Webb University

Using the Six America's Short Survey (SASSY) to Teach Audience Segmentation

Ginger Orton and Dr. Laura Fischer - Texas Tech University

Using videos to disseminate information to extension agents and the general public

Colleen Gariton, Matt Benge, and Damilola Ajayi - University of Florida

VR Graduate Seminars: Where Pants Are Optional but Engagement Is Encouraged

Jamie Greig and Harrison Falcofsky - The University of Tennessee-Knoxville

We're Going Where? Creating an Interactive Virtual Tour of an Agricultural Facility

Kylie Harlan, Courtney Meyers, Erica Irlbeck, Lindsay Kennedy, and Muntazar Monsur - Texas Tech University

What's a PPAT? Coaching Strategies for Pedagogical Assessment Success

Emily O. Manuel, Jeanette T. Furlong, Jon W. Ramsey, and Nathan A. Smith - Oklahoma State University

Who wants to bring agriculture into their classrooms? An online professional development program

Shannon K. Allen, Josey M. Webb, Carley C. Morrison, Stephanie M. Lemley, and Allyson, K. Moore - Mississippi State University

Session 2 – Wednesday, May 17 – 7:30-8:30 AM – Research Posters

A Content Analysis of North Central Farm and Ranch Stress Assistance Center Resources Quentin Carlyle, Rebecca Mott, Kim Keller, Abby Loesing, and

Kraysen Leonard - University of Missouri

A current view from Taiwan's extensionists for future professional development

Pin-Hsueh Lee - Texas Tech University

A Historical Analysis of the Kansas State Agricultural College and its Influence on the Development of K-State Research and Extension

KaCee James - Kansas State University

A Meta-Analysis of Agricultural Literacy Programs for Youth and Adults

Sarah Sprayberry, Robert Strong, and Theresa Murphrey - Texas A&M University

An Analysis of Secondary Students' Understanding of Farmer Suicide Drivers Following a State-Wide Essay Competition

Kelly McFarland, Katrina A. Clontz, and Stacy K. Vincent - University of Kentucky

An Exploration of Expert Opinion on Animal Welfare and Ethics

Shayne White, Dr. Laura Fischer, and Dr. Christy Bratcher - Texas Tech University

An Inquiry Into Preflections on Students' Participation in Global Service-Learning

Samuel Ikendi - University of California-Merced

An Interdisciplinary Approach to Experiential Learning in Cybersecurity and Agriculture Through Workforce Development

Kellie Johnson, Dr. Tiffany Drape, Dr. Joseph Oaks, Dr. Joseph Simpson, Dr. Anne M. Brown, Dr. Donna Westfall-Rudd, and Dr. Susan Duncan - Virginia Tech

Analyzing Graduate Student Member Benefits and Challenges within Agricultural Education, Communication, and Leadership Professional Organizations

Kameron Rinehart, Kristine Schechinger, Dr. Jason Headrick, and Dr. Courtney Gibson - Texas Tech University

Analyzing the Sources of Knowledge and Pedagogical Content Knowledge of SBAE Teachers by Licensure Type

Matthew J. Wood and Tyson J. Sorensen - Utah State University

Assessing Preservice SBAE Teacher Needs for Working with English Language Learners

Maggie Pfeiffer Salem and Will Doss - Texas A&M University-Commerce and University of Arkansas

Beer Me: Investigating Midwest Craft Brewery Demand for Locally Grown Hops

Grace Dowding, Kate Bruns, Nate Hostetler, Brett Meyer, and Dr. Blake Colclasure - Doane University

Community Education for Behavioral Change Towards Food and Nutrition Security

Samuel Ikendi, Francis Owusu, and Dorothy Masinde - University of California-Merced, Iowa State University

Comparison of Sampling Methods in Survey Research: An Exploratory Study

Brooke L. Thiel, Christopher J. Eck, and Kellie Claflin - North Dakota State University, Oklahoma State University, The Ohio State University

Comparison of Self-Efficacy Toward Technical Skills and Motivation to Teach Content Prior to and After Three Agricultural Systems and Technology Courses

Kristopher R. L. Rankin III and Nathan A. Smith - Oklahoma State University

Compliance with Safe Food Handling Practices: What Influences Intention in U.S. Households?

Dharmendra Kalauni, Laura Warner, Arati Joshi, Ashley McLeod-Morin, and Sandra Anderson - University of Florida

Conceptions of the Agriculture Industry: How Students Draw Agricultural Professionals

Sarah Dodoo, Kelly Gill, Amy Leman, Ruth Kaggwa, Lisa Walsh, and Kristine Callis-Duehl - University of Illinois at Urbana-Champaign

Costs Associated with Work-Life Balance as Perceived by Preservice School-Based Agricultural Education Teachers

Jessica M. Toombs - California State University, Chico

Creating Climate Change and Adaptation Awareness through International Agricultural Study Tours

Andrew Waaswa and Joy Morgan - North Carolina State University

Defining Fidelity in the Curriculum for Agricultural Science Education (CASE)

Scott Smalley and Mark Hainline - Iowa State University

Describing the Relationship between Trust in Science and Support for Climate Change Policy

Maci Loving, Kindle Catching, Laura Fischer, and Cara Lawson - Texas Tech University, The Ohio State University

Developing Future Educators through an Educationally Purposeful High Impact Experience: A Phenomenological Examination

Gavin Voelckers, Audie Cherry, Kasee Smith, Jeremy Falk, Daniel Foster, and Melanie Foster - University of Idaho, Clemson University, Penn State University

Development and Validation of a Middle School Agricultural Literacy Instrument: Grades 6-8

Rose Judd-Murray and Michelle S. Burrows - Utah State University

Does a One Size Fits All Approach Work?: Comparing the Professional Development Needs of Alternatively Certified and Traditionally Certified SBAE Teachers

Matthew J. Wood and Tyson J. Sorensen - Utah State University

Eco-Friendly Products: Do I Really Know Them?

Sidney Schnor and Fallys Masambuka-Kanchewa - Iowa State University

Effective SAE Implementation: Evaluating Agricultural Educator's Competence in Integrating SAE and AET in the Classroom

William Norris and Don Edgar - New Mexico State University

Effective Teaching Practices According to Elementary Agriculture Educators: A Modified Delphi Approach

Maria Helm, Nicholas Fuhrman, and Jason Peake - UGA ALEC, UGA Warnell

Evaluating Hispanic Students' Sense of Belonging in a College of Agriculture

Dr. Jason Headrick, Kameron Rinehart, and Hannah Ford - Texas Tech University

Evaluating Self-Assessed Versus CWI Welding Scores by Gender

Rhett Sykora, Ryan Anderson, Marshall Swafford, and Bradley Borges - Texas State University

Evaluating the Preparation of Pre-Service School-Based Agricultural Education Teachers in Laboratory-Based Courses

Kevin Sanders, Mark Hainline, and Scott Smalley - Iowa State University

Evaluation of Welding Assessment Scores Using Triangulation

Rhett Sykora, Ryan Anderson, Marshall Swafford, and Bradley Borges - Texas State University

Examining College Students' Trust in Sources for Scientific Information

Ginger Orton, Dr. Laura M. Fischer, Mary Katelynn Butler Horton, and Skylar Elmore - Texas Tech University

Examining the LiveD Experiences of Hispanic Agriculture Teachers

Sam Rodriguez and Christian Wandeler - CSU Fresno

Exploring Generational Perceptions Toward Sustainable Agricultural Foods & Products

Kylie Farmer, Laura M. Fischer, Ginger Orton, and Cara Lawson - Texas Tech University, The Ohio State University

Exploring Rural Georgia Residents' Extension Needs for Improving Food Access

Kristin E. Gibson, Catherine E. Sanders, Tatevik Markosyan, Allison R. Byrd, and Alexa J. Lamm - University of Georgia

Exploring SBAE Teacher Professional Development Experiences: A National Study

Aaron J. Giorgi, Kayla Y. Giorgi, Tyler J. Price, and Quisto Settle - West Virginia University, Oklahoma State University

Exploring Student Perceptions of an Asynchronous Oral Communication Course

Emoni S. White, Christopher T. Stripling, Victoria U. Beasley, and Molly A. West - The University of Tennessee

Exploring Teachers' Intent to Use Inquiry-Based Learning in the Classroom After a Prolonged Professional Development

Kasey Harmon, Dr. Taylor Ruth, Dr. Nathan Conner, Dr. Bryan Reiling, and Dr. Christopher Stripling - University of Nebraska-Lincoln; University of Tennessee, Knoxville

Exploring the Public's Perception of Beef Sustainability: Implications for Values-Based Messaging

McKenna Pavelock, Laura M. Fischer, Ginger Orton, and Cara Lawson - Texas Tech University, The Ohio State University

Exploring the Role of Positive Emotions in Leadership Learning

Haley Q. Traini, Katherine McKee, Dave Rosch, Jennifer Smist, and Robert Klein - Oregon State University, University of Illinois, North Carolina State University

Exploring the Types of Career Advancement Support Florida Early Career Extension Agents Receive from their Mentors

Matt Bengé and Karlibeth Leitheiser - University of Florida

Food As a Commodity: Network Analysis and The Des Moines Community

Morgan Bradley, Samuel Ikendi, Jane Rongerude, and Monica Haddad - Appalachian Sustainable Development-Virginia, University of California-Merced, Iowa State University

Food as Lived Experience: A Photovoice with High School Youth

Morgan Bradley, Samuel Ikendi, Jane Rongerude, and Monica Haddad - Appalachian Sustainable Development-Virginia, University of California-Merced, Iowa State University

Growing Ag Teachers: What is Our Yield?

Amy Smith, Daniel Foster, Rebecca Lawver, and Mike Spiess - University of Minnesota, The Pennsylvania State University, Utah State University, California State University-Chico

Identifying Conflict Styles of Agriculture Students at an HSI

Steven Boot Chumbley, Eugenio Conklin, and Ben Turner - Texas A&M University-Kingsville

Identifying Laboratory Instruction and Teaching Concerns of Illinois Agriculture Teachers

Faith Still, Blake Uchijil, and Steven Still - Southern Illinois University

Influence of Social Events on Academic Learning of Global Service-Learning Alumni

Samuel Ikendi, Michael Retallick, and Gail Nonnecke - University of California-Merced, Iowa State University

Institutional Representation at AAAE Conferences

Christopher M. Estep, Sarah F. James, Lauren L. Cline, Will Doss, and Donald M. Johnson - University of Arkansas, Oklahoma State University

Interns' & Supervisors' Perception of Professional Growth Through Internship Programs

Joshue Lewis and Erica Irlbeck - Texas Tech University

It Renewed My Faith in Humanity: Alumni's Perception of Global Servicing-Learning

Samuel Ikendi, Michael Retallick, and Gail Nonnecke - University of California-Merced, Iowa State University

Likert Versus Cronbach's Psychometric Thresholds: Reducing Error and Maximizing Agricultural Education's Scholarship Impacts

Robert Strong James Lindner, Clare Hancock, Nicole Ray, Bruce Herbert, and Karissa Palmer - Texas A&M University, Auburn University, Fresno State University

Metal Fabrication Equipment Adequacy and Competence to Teach of Kansas Agricultural Educators

Jacob Rutledge, Gaea Hock, Jonathan Ulmer, and Jason Ellis - Kansas State University

Mind Mapping the Curricular Planning Process for Florida School Based Agricultural Education Teachers

Jason Dossett, R.G. (Tre) Easterly III, Sadie Hundemer, and JC Bunch - University of Florida

Modeling Determinants of Residential Water Conservation Behaviors to Inform Agricultural Education Programs

Kristin E. Gibson, Allison R. Byrd, Alexa J. Lamm, Kevan W. Lamm, and Jessica Holt - University of Georgia

Novice agriculture teacher content knowledge

John D. Tummons and Logan Fullerton - University of Missouri

Perceptions of science communication by professional communicators

John Clemmons and Quisto Settle - Oklahoma State University

Post-Pandemic Extension Needs of Floridians

Amy Harder, Karlibeth Leitheiser, and Matthew Gold - University of Connecticut, University of Florida

Preparing Agricultural Education Majors for Racially Diverse Classrooms: Students' Experiences During a Service-Learning Project for Black Youth

Richie Roberts, Jacob Englin, and Benita Komungeru - Louisiana State University

Principals' Perceptions of and Perceived Barriers to Implementing Agricultural Literacy in Pennsylvania Grades K-8

Madisen Plunkert and Dr. Kevin Curry Jr. - The Pennsylvania State University

Professional Development Needs of SBAE Teachers Regarding Suicide and Suicide Interventions

Kristin Stair, Rebekah Epps, Eric Rubenstein, O.P. McCubbins, Chaney Mosley, Dale Layfield, Jon Ramsey, Chris Haynes, Jason Davis, Carla Jagger, Don Johnson, Christopher Clemons, Edly Santiago, and Andy Seibel - Louisiana State University, University of Kentucky, University of Georgia, Mississippi State University, Middle Tennessee State University, Clemson University, Oklahoma State University, Tarleton State University, University of Mount Olive

Random Forest Algorithms for County-level Supplemental Nutrition Assistance Program (SNAP) Classifications

Jaehyun Ahn - Texas A&M College of Agriculture and Life Sciences

Student Perceptions of Influence Emerging from Agricultural Influencer Instagram Posts

Hannah Culak, David Doerfert, Shelby Shank, Jason Headrick, and Laura Fischer - Texas Tech University

Students' Perceived Importance of the Three-Component Model in Pennsylvania SBAE Programs

Jessica Myschisin and Kevin Curry, Jr. - The Pennsylvania State University

Talking about Diddly Squat: A Content Analysis of Tweets about Clarkson's Farm

Kellie Clafin, Gaea Hock, Nellie Hill, and Annie R. Specht - The Ohio State University, Kansas State University

Tasks Associated with Teaching School-Based Agricultural Education

Ryan W. Best, Dr. J. Shane Robinson, Dr. Robert Terry, Jr., Dr. M. Craig Edwards, and Dr. Ki Lynn Cole - Oklahoma State University

Teaching Soft Skills in Agricultural Education: Best Practices

Bryce Groves and Theresa P. Murphrey - Texas A&M University

The Rural Health and Safety Education Program: Exploring Rural Communities' Need for Behavioral Health Programming

Aaron Golson - University of Georgia

Trends in Research on American Consumers' Motivations for Purchasing Eco-friendly Products

Daniel Ayisi Nyarko, Sidney Schnor, and Fallys Masambuka-Kanchewa - Iowa State University

Undefined: In Search for a Definition of Blended Learning in SBAE

D. Brett Milliken and Haley Q. Traini - Virginia Tech, Oregon State University

Use of Experiential Learning to Support Climate Change Adoption

Andrew Waaswa, Abasiama-Arit Aniche, and Joy Morgan - North Carolina State University

Using Students' Preferred Gender Pronouns in School-Based Agricultural Education: Preservice Teachers' Perceived Knowledge and Preparedness - Phase II

Tyler J. Price and M. Craig Edwards - Oklahoma State University

What are Students' Perceptions Regarding Using a Flipped Classroom to Deliver Agricultural Mechanics Course Instruction?

Jay K. Solomonson and Trent Wells - Illinois State University; Southern Arkansas University

What Do They Value? Predicting U.S. Consumers' Attitude Toward Gene-Editing

Jean A. Parrella, Holli R. Leggette, Peng Lu, Gary Wingenbach, Matt Baker, Rafael Landaverde, and Nathaniel Jackson - Texas A&M University

What is the Perceived Ability of Agriculture Teachers to Achieve Positive Work-Life Integration During the School Year

Jay K. Solomonson, Lucas D. Maxwell, and Michael Barrowclough - Illinois State University

What Types of Social Support Do Early Career SBAE Teachers Find Most Beneficial?

Amy Leman, Jay Solomonson, and Claire Smith - University of Illinois at Urbana-Champaign, Illinois State University

Who Are They? The Internal Factors Associated with the Science Communication Identities of Extension Professionals

Klae O'Brien, Carrie N. Baker, Jean Parrella, Sarah A. Bush, Kattlyn Wolf, and Maggie Elliott - University of Idaho, University of Florida, Texas A&M University



Many thanks to our conference hosts!

Travis Park

Joy Morgan

Wendy Warner

Jay Jayaratne

Misty Lambert

Mary Kate Lanier

Joseph Donaldson

Katie Sanders