

*Somewhere Over the Rainbow*

2024  
**AAAE**  
National Conference

Cultivating a Brighter Future in Agricultural  
Education, Leadership, Communications and  
Extension

May 20-23, 2024  
Hilton Garden Inn  
Manhattan, Kansas



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# Professional Development Sessions

## Tuesday, May 21

Session	Time	PD Title/Presentation	Room
<b>Session #1: Scarecrow</b>	9:15 - 10:45 am	SAE for All	Kings A
		<i>Matt Kreifels, University of Nebraska Lincoln; Candis Carraway, Stephen F. Austin State University, Misty Lambert, NC State; Jillian Ford, Auburn University</i>	
		<i>Agriculture's Other AI: Artificial Intelligence for Teaching and Learning</i>  <i>Dr. Tyler Granberry, University of Tennessee</i>	Kings B
<b>Session #2: Dorothy</b>	2:30 - 3:45 pm	<i>Navigating Cross-Cultural Relationships</i>	Kings A
		<i>Dr. Zelia Wiley, Assistant Dean and Director, Diversity Programs, K-State College of Agriculture</i>	
		<i>If I Only Had the Courage... to Fail: Supporting Pre-Service Teacher Development Through Failure</i>  <i>Donovan Phoenix, Dr. Becky Haddad, &amp; Dr. Eric Knoll, University of Nebraska</i>	Kings B

## Wednesday, May 22

<b>Session #3: Lion</b>	10:30 am - 12:00 pm	<i>We're Not in Kansas Anymore: Using System Convening as an Approach to Navigating the Complex Landscape of Agricultural Education</i>  <i>Dr. Haley Traini, Oregon State University Catlin Goodwin, Michigan State University Dr. Becky Haddad, University of Nebraska Dr. Kerry Priest, Kansas State University</i>	Kings A
<b>Session #4: Tinman</b>	2:00-3:30 pm	<i>Leadership Opportunities with National AAAE</i>  <i>National AAAE Board Members</i>	Kings A

# Collaborative Discussions

## Tuesday, May 21, 4:00–5:00 pm

Discussions	Room
<p><b>A National Dataset: Collaborating for Scholarly Impact with the Teacher Supply and Demand Study</b></p> <p><i>Michael Spiess, Daniel Foster, Amy Smith, Rebecca Lawver – spiess@csuchico.edu California State University, Chico, Penn State University, University of Minnesota, Utah State University</i></p> <p>National Agricultural Education Supply and Demand Study data was released in 2023. The discussion will demonstrate how to access this dataset and use it for collaborative research. We will explore how research topics such as alternative teacher sources, teacher diversity, retention, and attrition rates can be supported by the dataset.</p>	Konza Prairie A
<p><b>Expanding SBAE Suicide-related Research to the North Central, Northeast, and Western Regions</b></p> <p><i>Chaney Mosley – chaney.mosley@mtsu.edu, Middle Tennessee State University</i></p> <p>A multi-state team found 21% suicide contemplation rate among SBAEs in the Southern region. We will review the collaborative approach in hopes of forming intra-regional research teams for study replication.</p>	Konza Prairie B
<p><b>Exploring Montana's Agritourism Fellows Program for Agricultural Leadership and Education</b></p> <p><i>Shannon Arnold &amp; Dustin Perry – shannon.arnold@montana.edu/dustin.perry@montana.edu, Montana State University</i></p> <p>Join our discussion to learn about the development and implementation of a two-year statewide agricultural producer leadership development program, and how agritourism is a valuable opportunity for agricultural education.</p>	Konza Prairie C



# Collaborative Discussions Continued

Tuesday, May 21, 4:00–5:00 pm

Discussions	Room
<p><b>How Might Artificial Intelligence (AI) Extend Learning, Thinking, and Problem Solving</b></p> <p><i>Eric Kaufman – ekaufman@vt.edu, Virginia Tech</i></p> <p>Both novice and experienced AI users are invited to explore questions, concerns, and ideas for leveraging AI in both formal and nonformal agricultural education settings.</p>	Kings A
<p><b>Immersive Technology Collaborative Discussion</b></p> <p><i>OP McCubbins – am4942@msstate.edu, Mississippi State</i></p> <p>Interested in immersive technology (e.g., augmented, mixed, and/or virtual reality)? Join to hear about current projects leveraging immersive technology and discuss ways we to collaborate on research or funding proposals.</p>	Kings B
<p><b>Mental Health and Neurodivergence in Agricultural Education</b></p> <p><i>Katrina Swinehart Held &amp; Colby Gregg – kswinehart@centralstate.edu, cgregg2@illinois.edu, Central State University &amp; University of Illinois</i></p> <p>This collaborative session will examine the existing research relating to these topics. Participants will be encouraged to initiate partnerships to conduct related research in our field.</p>	Kings C





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Agriculture is a broad, increasingly high-tech industry filled with a wide variety of challenging and expanding careers. The future of the nation and the world will rely upon today's young people and the educators who teach and inspire them daily.





# Student Scholars Session

Tuesday, May 21, 4:00 – 5:00 pm

Topic	Assigned Lead (s)
Teaching/Pedagogy	Dr. Don Johnson
Building Your Research Agenda	Dr. Mike Retallick
Future Faculty Agricultural Communications	Dr. Courtney Meyers
Future Faculty Agricultural Education	Dr. Shannon Washburn
Future Faculty Agricultural Leadership	Dr. Scott Burris
Graduate School Opportunities	Dr. Jon Ramsey
How to Get Involved in Professional Organizations	Dr. Becki Lawver
Working/Connecting with Administrators as a Graduate Student	Dr. Tracy Kitchel and Dr. Anna Ball

## Elevate your impact in agricultural education with K-State's Office of Engagement.

**K-State strives to maximize the impact of higher education investments**, driving progress and solutions for our communities' biggest challenges through collaborative partnerships with public and private sectors.

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# AAAE 2024 National Conference – Research Manuscript Presentations

Distinguished Research Session – Monday, May 20 – Opening  
Session – Kaw Nation, Big Basin

Facilitator: Scott Burris, Texas Tech University

Manuscript Title	Authors	Breakout Room & Discussant
<i>Toward Globally Competent Teaching: A One-Year Retrospect on Agriscience Teachers' Changes in Perspective after an International Experience</i>	Whitney L. Figland Cook, Jacob Englin, Richie Roberts, & Kristin S. Stair	Konza Prairie A  Daniel Foster, Pennsylvania State University
<i>A Call to Better Qual: A Philosophical and Methodological Examination to Advance Case Study Research</i>	Rebecca Mott & Becky Haddad	Konza Prairie B  Courtney Gibson, Texas Tech University
<i>Retaining School-Based Agricultural Educators: A System Dynamics Approach</i>	Tiffany Marzolino & Aaron J. McKim	Konza Prairie C  Shannon Washburn, Ohio State University
<i>Black Doctoral Women "Walkin on Eggshells": Gendered Racial Microaggressions in Agricultural and Life Science Disciplines</i>	Torrie Cropps	Kings B  Summer Odom, Texas A&M University
<i>Using ChatGPT with Novice Arduino Programmers: Effects on Performance, Interest, Self-Efficacy, and Programming Ability</i>	Donald M. Johnson, Will Doss, & Christopher M. Estepp	Kings C  Ben Swan, Cal Poly

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## Top 10 Innovative Posters

**Changing Narratives: Leadership Journeys for Personal Growth and Career Development**

*Erin Gorter - Cal Poly State University, San Luis Obispo*

**Checking out the Competition: Exploring Sprout Social's Listening Features**

*Rylie Lux, Courtney Meyers, Ph.D., Laura Fischer, Ph.D. - Texas Tech University*

**Grade Expectations: A Paradigm Shift for Student Success**

*Jennifer Bennett, Julie Lamarra - Colorado State University, Utah State University*

**Incorporating Play-Based Learning Using LEGO® SERIOUS PLAY®**

*Haley Q. Traini, Ehi Ogwiji - Oregon State University*

**Matchmaker, Matchmaker: A Student Teaching Fair to Establish Teacher Candidate and Cooperating Teacher Relationships**

*Donavan Phoenix, Becky Haddad, Matt Kreifels, Nathan Conner, Mark Balschweid - University of Nebraska-Lincoln*

**Next-Gen Marketers: Exploring the Use of ChatGPT to Create Online Marketing Content**

*Dr. Courtney Meyers - Texas Tech University*

**Podcasting as an Approach for Preparing Preservice Agriculture Teachers to Teach Controversial Topics**

*Chaney Mosley - Middle Tennessee State University*

**Principal Professional Development at Florida FFA Convention and Expo**

*Cassandra Goff, R. G. (Tre) Easterly III, Brian E. Myers - University of Florida*

**The \$100 Solution: A Service-Learning Project for Students Enrolled in an Undergraduate Agricultural Leadership Course**

*Lucas D. Maxwell, Jay K. Solomonson - Illinois State University*

**WoW Ambassadors- Promoting Welding Education and Careers**

*Kenedy Kornegay, Ryan Anderson, & Bradley Borges - Texas State University*

## Top 10 Research Poster

**Beefing Up Influencer Credibility: The Effect of Source and Message Type on Perceptions of Source Expertise and Trust**

*Jessica Hemphill, Laura Fischer, Ph.D., Courtney Meyers, Ph.D., Brooke Vylvlecka, & Courtney Gibson, Ph.D. - Texas Tech University*

**Exploring College Students' Perceptions of Using Generative AI to Produce Agricultural-Related Vector Images**

*Kyler Hardegree, Dr. Courtney Gibson - Texas Tech University*

**Exploring Context as an Amplifier or Filter in Implementing Blended Teaching in SBAE**

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

**Identifying the Taxonomy of Questions Used by Experienced School-Based Agriculture Teachers**

*Cassandra Goff & R. G. (Tre) Easterly III - University of Florida*

**Inservice Needs of Selected State Agriculture Teachers Related to Precision Agriculture**

*Henry Akwah, Donald M. Johnson, George Wardlow, Cengiz Koparan & Aurelie Poncet - University of Arkansas*

**Investigating Identity and the Integration of Alternatively Certified Teachers in the School-Based Agricultural Education Profession**

*Matthew J. Wood, Tyson J. Sorensen - Utah State University*

**Preparing Internationally Engaged Graduate Students in Agricultural and Extension Education**

*Colby Silver; Rafael Landaverde; Melissa Leiden Welsh; John Diaz; Mary Rodriguez; Dharmendra Kalauni - University of Maryland at College Park*

**School-based Agricultural Education Teachers Support Needs**

*Kayla Marsh, Dr. Christopher J. Eck, and Dr. William Doss - Oklahoma State University*

**Seeds of Communication: A Communications Audit of Instagram Posts Promoting the AgriStress Helpline For [State]**

*Kyler Hardegree, Dr. Courtney Gibson - Texas Tech University*

**Unearthing Agricultural Legacies: The Jesup Wagons Impact on Black Heritage and Extension Services**

*Mikayla Daniels, Joy Morgan, Wendy Warner - North Carolina State University*

## **Innovative Poster Session – Tuesday, May 21, 8:00 – 9:00 am**

**Students Learn How to Learn Outside the Classroom”: Using PhotoVoice to Evaluate Leadership Program Learning Outcomes**

*Kate Suchodolski, Amy Leman, Jenn Smist - University of Illinois at Urbana-Champaign*

**A Review of the Current Landscape of Agricultural Education, Communications, and Leadership**

*Kameron Rinehart, M.S. Hoyt Nebgen, Jason Headrick, Ph.D., & Alexa Salinas - Texas Tech University*

**Addressing the perpetual critique, “You need to refine your research agenda.”**

*Emily R. Fuller, Dr. Shumaila Bhatti, Dr. Dara M. Wald, Miguel Diaz, Dr. Patrick Jamar, Karissa Palmer, Dr. Seunguk Shin - Texas A&M University*

**AET Mini Assignment**

*Kaitlynn Davis, Anna Warner - Washington State University*

**An interdisciplinary project-based learning approach in food label design**

*Katherine Starzec, Kelly Getty, Kassie Pechanec - Kansas State University*

**Are we hitting our target? An Instrument of Evaluation for Agriscience Phenomenon**

*Kaitlynn M. Linderholm, Nicole Ray, Cameron Standridge, Stacy VanScoy, Jonathon Moules, Avery Culbertson - Cal Poly, SLO, Fresno State*

**Assessment and Investment in Agricultural Internship Opportunities**

*Kevin Williams - West Texas A&M University*

**Badgrs Up! Digital Credentialing at Virginia Governor’s School for Agriculture**

*D. Brett Milliken and Maggie Morris - Virginia Tech*

**Collaborating on an Accessible Cover Crop Curriculum**

*Matthew Hagaman & Natalie Shaheen - Illinois State University*

**Constructing the Path: Utilizing Journey Mapping to Understand Local Food Systems and Beyond**

*Raquel Taylor, Rulon Taylor, Mary Emery, Benjamin Jewell - University of Nebraska-Lincoln*

**Cultivating Change: Extension Educators’ Innovative Community Gardening Practices for Food Access in Urban Low-Income Areas and Rural Food Deserts**

*Jenna Dyckman, Emma Parkhurst, Eva Timothy, & Kelsey Hall - Utah State University*

**Delivering a Community-Based Agricultural Mechanics Service-Learning Experience**

*Sarah Parks, Bradley D. Borges, Ryan G. Anderson - Texas State University*

**Digital Detox: Elevating Learning through Focus Fridays**

*Luisa Honeywell, Jason Ellis, Katherine Starzec - Kansas State University*

**Engaging One-Health Role-Models to Increase STEM Competency and Motivation in Middle School Students**

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

**Establishing a new foundation for the Auburn University Spring Judging Clinics**

*Garrett T. Hancock, Andrew C. Bailey, Jason D. McKibben - Auburn University*

**Expanding the Reach of AEE Club: Rebranding the Departmental Student Organization as FFA Alumni and Supporters**

*Mary Kate Morgan Lanier, Jillian C. Ford, Joy Morgan - North Carolina State University*

**Experiential and Transformational Learning as a Professional Development Framework**

*Dusti Ingles & Mike Retallick - Iowa State University*

**Exploring Student Perceptions of Mentorship: A Photovoice Evaluation Project**

*Rebecca Mott, Jon Simonsen, Hannah-Rose Foote - University of Missouri*

**Fostering Connected Communities through Agricultural Celebrations**

*Kensie Todd & Erica Irlbeck - Texas Tech University*

**Gear Down! Using the Tractor Pull Challenge to Support STEM-focused Agriculture Teacher Professional Development**

*Jay K. Solomonson; Trent Wells - Illinois State University; Murray State University*

**Growing Interest in the Workforce: Using Grant-Based High School Internship Opportunities to Recruit for the Agriculture Industry**

*Kaitlynn Davis, Nicole Michol, Anna Warner - Washington State University*



**Incorporating an Electronic Scoring System into an Agricultural Mechanics Show**

*Brad Borges - Texas State University*

**Intern if U-DAIRE: Adding Value to Dairy Through an Inclusive Undergraduate Experience**

*Jordan Richardson, Shelli Rampold, Alexis Hall, Sharon Jean-Philippe, Emily Paskewitz, Elizabeth Eckelkamp, Carrie Stephens, & Victoria Jessie - University of Tennessee - Knoxville*

**Interview an Upperclassman: The Value of Peer Mentorship to First-Year Students in an Orientation Course**

*Mary Kate Morgan Lanier - North Carolina State University*

**Jigsaw-Based Cooperative Learning to Enhance Reading Comprehension in Agricultural- based Social Science General Education Courses**

*Victoria Beasley, Molly West, Makenzie Smith, Bailey Watson - University of Tennessee*

**Learning to Do: SAE Management through Hands-On Laboratory Experiences**

*Alexus Eudy, Dr. John Rayfield, Chelsea Hatch - Texas Tech University*

**Lessons learned from multiple-campus mentoring programs**

*Olivier Ntaganzwa, Alejandra Prado Jaramillo, Rama Radhakrishna, Neil Knobloch - Purdue University*

**Mindfulness as a Tool for Stress Management in Formal and Non-Formal Education**

*Mariah Awan, Rama Radhakrishna - Purdue University*

**Mirror, Mirror: Reflecting for Progress**

*Christopher J. Eck - Oklahoma State University*

**Partnering with Junior Achievement to Provide Field Experience for Preservice Teachers**

*Caryn Filson - The Ohio State University*

**Promoting Agritourism Through Online Agricultural Education Programs**

*Brenda Asasira Kakungulu, Reagan Mulungi Mwenyi, Samuel Ikendi, Morris Natwijuka, Apollo Arinda, Muhe Leninmarx, Florence Namirembe, and Criton Ahabwe - Makerere University, Bris Agro-Safaris, Missouri State University, University of California Agricultural and Natural Resources, UC Merced*

**Reconceptualizing Youth Leadership Board Curricula: An Instructional Design Approach to 4-H State Officer Leadership Development Programming**

*Clay Hurdle - University of Missouri*

**Research Journal Engagement in Agricultural Education: An AI-Driven Approach**

*Jason Peake, Jessica Boone - University of Georgia*

**Risky Business: Applying Risk and Crisis Communication Principles in a Field Trip Setting**

*Dr. Cara Lawson, Nicole Volk - The Ohio State University*

**SBAE READY: Equipping developing countries with a usable guide to implement School- Based Agricultural Education**

*Haley Q. Traini, Ehi Ogwiji - Oregon State University*

**Sharing is Caring: Zotero for Agricultural Literacy Research**

*Amelia J. Miller, PhD and Debra M. Spielmaker, PhD - Utah State University*

**Starting With a Blank Canvas: Introducing LMS Management to Preservice Teachers**

*D. Brett Milliken, Kendrick L. Spencer, & Hannah H. Scherer - Virginia Tech*

**The 4-H Youth Development Mentoring Guidebook: A Resource for New Employees**

*Kelly Gill, Amy Leman - University of Illinois at Urbana-Champaign*

**The AgBadging Field Guide Program**

*Saydee C. Longhurst, Michelle S. Burrows, Tyson J. Sorensen - Utah State University*

**The Other AI: Pre-Service Teacher Utilization of AI Technology to Create Lesson Plans**

*KaCee James, Gaea Hock - Kansas State University*

**Thinking Inside the Box: Partnering with Veterinary Medicine Faculty to Develop Low-cost Cattle Palpation Simulator Models**

*Trent Wells; Brittany L. Kirby - Murray State University*

**Urban Neighbors and Neighborhoods: Professional Development for School-Based Agricultural Educators**

*Robert Williams, Courtney Leftrick, Carolina Garcia, Jennifer Gonzalez, and Priscilla Pina - Texas A&M University - Commerce*

**Using a Virtual Reality Trainer to Improve School-Based Agricultural Education Teachers Welding Performance**

*Ashley Thompson, Justin Pulley - Tarleton State University*

### **Using Agricultural Education to Build a Regional Farm Safety Database**

*Ruth D. Toole, Stacy K. Vincent, A. Preston Byrd, Kang Namkoong, Yongwook Song - University of Kentucky, Abraham Baldwin Agricultural College, University of Maryland*

### **Using Laerd Statistics as a Data Analysis, Interpretation, and Reporting Tool in Agricultural Education Research**

*Trent Wells; Jay K. Solomonson - Murray State University; Illinois State University*

### **Using Mock Interviews with School Administrators to Prepare Pre-service Teachers to Successfully Navigate the Teaching Position Interview Process**

*Trent Wells; Jay K. Solomonson - Murray State University; Illinois State University*

### **Using Simulated Activities in Teacher Preparation Program**

*Grace Dooley, Elle Carter, Farish Mulkey, Sallie McHugh - Abraham Baldwin Agricultural College*

### **Using Student Check-in Meetings for Feedback, Assessment, and Coaching**

*Laura Hasselquist, Tony Durr, and Patrick Hales - South Dakota State University*

### **Using the Global Competence Aptitude Assessment for Measuring Student Development during Education Abroad Experiences**

*Kameron Rinehart M.S., Javonne Mullins, M.S., & Jason Headrick, Ph.D. - Texas Tech University, Wilmington College, Texas Tech University*

### **Using the Study Cycle to Study for FFA Career Development Events**

*Kaylee Shouse, Hayden Kinkade, Amy Leman - University of Illinois at Urbana-Champaign*

### **Visualizing Student Teaching**

*Jillian C. Ford, Misty D. Lambert, Travis D. Park, Mary Kate Morgan Lanier - North Carolina State University*

### **Work Smarter, Not Harder: How Educators Can Use Generative AI Tools to Increase Efficiency in their Work**

*Kylie Harlan, Courtney Meyers, Laura Fischer- Texas Tech University*

## **Research Poster Session – Thursday, May 23, 8:00 – 9:00 am**

### **“Where have all the young men gone?” Exploring the AAAE National Supply and Demand Dataset**

*Michael Spiess, Daniel Foster, Amy Smith, Becki Lawver - California State University, Chico, The Pennsylvania State University, University of Minnesota, Utah State*

### **Addressing Professional Development Needs of Middle School-Based Agricultural Education Teachers Through CASE AgXplore Training**

*Chaney Mosley, Kevin Ragland, and Ying Jin - Middle Tennessee State University; James Madison University*

### **An Analysis of Professional Development Impact on Teacher Confidence in Turfgrass Science**

*Clarissa Darby, Joey Young, Ericka Irlbeck, Rudy Ritz - Texas Tech University*

### **An Analysis of the Time Allocation of Student Teachers in Each Circle of the Three-Circle Model of Agricultural Education**

*Krysti Kelley; John Rayfield - Texas Tech University*

### **An Analysis of Time Spent in Student Teaching Activities Before and During the COVID-19 Pandemic**

*Krysti Kelley - Texas Tech University*

### **An Exploration of Perceptions Related to Farmers' Roles in Climate Change Issues**

*Sheriden Schuerman, Dr. Cara Lawson, Dr. Laura Fischer, Dr. Joy Rumble, Dr. Scott Scheer - The Ohio State University*

### **An Interpretive Thematic Synthesis of Literature on the Implementation of Experiential Learning in Agricultural Education**

*Mathew Smith, Neil Knobloch - Purdue University*

### **Artificial Intelligence and the Professional Development Needs of SBAE Teachers**

*Sidney Pehrson, Tyson J. Sorensen - Utah State University*

### **Assessing Agricultural Study Abroad Impacts on Student's Global Competence**

*Kameron Rinehart M.S., Javonne Mullins, M.S., & Jason Headrick, Ph.D. - Texas Tech University, Wilmington College, Texas Tech University*

### **Assessing the influence of welding sequence training on student performance**

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

### **Assessing Visitors' Perceptions of an Interactive Learning Space About Ranching**

*Cambry Cline & Dr. Courtney Meyers - Texas Tech University*



**Attitudes of Government Agricultural Extension Workers Towards Social Media Use in Nepalese Agricultural Extension**

*Sudarshan Adhikari, Emily Buck, Narayan Raj Joshi - The Ohio State University, Agriculture and Forestry University (AFU)*

**Attitudes of SBAE Teachers Regarding AI utilization**

*Sidney Pehrson, Tyson J. Sorensen - Utah State University*

**Beneath the Surface: Self-Perceived Professionalism in Agriculture Education**

*Erin Gorter, Nicole Ray, Lauren Giannone, Ann De Lay, Isaac Lopez, Daniela Rodriguez- Ruiz, Ashley Crabtree - Cal Poly State University, San Luis Obispo*

**Capacity Building of Leadership Competencies for Extension Personnel: A Case Study of the University of Georgia Extend Advanced Leadership Development Program**

*Joel Burnsed and Dr. James C. Anderson, III - University of Georgia*

**Career and Technical Education Teachers' Opinions on Virtual Reality**

*Jackson Horton, OP McCubbins - Mississippi State University*

**Comparing the Classroom Needs of School-Based Agricultural Education Teachers in Minnesota by Years of Teaching Experience**

*Lavyne Rada & Scott Smalley - University of Minnesota*

**Cross-Cultural Collaboration and Transformative Learning: A Photovoice Exploring the Impact of Educational Partnerships on Personal Growth and Global Understanding**

*Jessica R. Spence, Daniel Foster, Melanie Miller-Foster, OP McCubbins, Olivia Murphy- Sweet - Virginia Tech, Penn State, Mississippi State, Field of Hope*

**Determining Early-career Georgia Agriculture Teachers' Agricultural Mechanics Professional Development Needs**

*Christopher C. Crump; Trent Wells - Banks County High School; Murray State University*

**Developing Cultural Competence Among Students: A Short-Term Study Abroad in Morocco**

*Joshua Toran III, Emmanuel J. Kanchewa, James C. Anderson, II - University of Georgia*

**Digital Agriculture Summer Camp: A Comparative Analysis of the First and Second-Year Camp Participants' Knowledge and Postsecondary STEM Interests**

*Carly Altman, Dr. Chaney Mosley & Dr. Song Cui - Middle Tennessee State University*

**Do You Belong? Stories from Minority FFA Members and Their Feelings Towards the Florida FFA Association**

*Sophia Jaramillo-Vasconez, Dr. Carla Jagger, Dr. Katrina Alford, Dr. Stacy Vincent - University of Kentucky, University of Florida*

**Effects of Immersive and In-class Experiences on Knowledge and Perceptions of Agricultural Careers**

*Kevin Williams - West Texas A&M University*

**Elementary Agricultural Education Teacher Extended Day and Extended Year**

*Jason Peake, Jessica Boone, Jade Davidson, Madison Race - University of Georgia*

**Enhancing Self-efficacy through Problem-Based Learning Intervention across Agricultural Disciplines**

*Shuai Ma, Zhihong Xu, Zilong Pan, Wenting Weng, Theresa Pesi Murphrey - Texas A&M University*

**Examining the Teacher Pipeline**

*Dr. Sam Rodriguez, Dr. Michael Spiess, Mr. Kenny Saephan - CSU Fresno, CSU Chico, Escalon HS*

**Examining the Use and Frequency of Competition-Based Instruction in SBAE Classrooms**

*Joseph E. Ramstad, R. G. (Tre) Easterly III, Jamie Loizzo, J.C. Bunch - Rockford Area Schools & University of Florida*

**Exploring Consumers' Intent to Purchase Sustainable Cotton Products Using the Theory of Planned Behavior**

*Kylie Kitten, Laura M. Fischer, Ph.D., Donna McCallister, Ph.D., Qi Kang, Ph.D., & Gao Long, Ph.D. - Texas Tech University*

**Exploring Preservice Teacher Food Practices in the Context of Teaching Food Science Topics**

*Lisa Shepherd and Chaney Mosley - Middle Tennessee State University*

**Exploring the Impact of Podcast Pedagogy on Agricultural Leadership Education through Quantitative Analysis**

*Hoyt Nebgen, Clarissa Darby, Dr. Jason Headrick - Texas Tech University*

**Farm to Early Care and Education in [state]: Connecting Young Children to Agricultural Education, Gardening, and Local Food**

*Kyle Whitley & Kelsey Hall - Utah State University*

**Fine Points of Classroom Professionalism: California Ag Teachers Perceptions**

*Isaac Lopez, Nicole Ray, Erin Gorter, Lauren Giannone, Ann De Lay, Ashley Crabtree, Daniela Rodriguez-Ruiz - Cal Poly State University, San Luis Obispo*

**Framing Rural Realities: Exploring Youth Perspectives of Rural Communities Through Photovoice**

*Jaelyn Sewell; Audrey E.H. King; Linnea Harvey; Shane Robinson - Oklahoma State University*

**Grand Challenges Tennessee: Considering Agriculture Issues Within the Larger Narrative**

*Shelli D. Rampold, Jordan Richardson, Christopher Stripling - University of Tennessee*

**How to Advertise Grass-fed Beef to Consumers: Comparing Use of Communication**

*Channels Across Regions Beth Crandall, Kelsey Hall - Utah State University*

**Identifying HEARING-related shortcomings in Alabama School-Based Agricultural Education**

*Garrett T. Hancock - Auburn University*

**Innovative Pedagogy for Employability: Design Thinking and the Development of Problem Solving and Teamwork Skills in an Agricultural Course**

*Summer Odom and Makayla Waiser - Texas A&M University*

**Inspired to Teach: Perspectives from School-based Agricultural Education Teachers**

*Kalynn Baldock, Jessiann Dusenbery, Matthew Vetterly - Eastern New Mexico University*

**Intent to implement CASE curriculum: Participant perspectives**

*Kayla Marsh, Dr. Christopher J. Eck - Oklahoma State University*

**Investigating Flint Hills Fire Culture: A Qualitative Analysis**

*Adrian Sulivant, Katherine Starzec, Claire Geiger - Kansas State University*

**Is Journaling Write for You? A Qualitative Analysis of Undergraduate Perceptions of Journaling in an Introductory Agricultural Communications Course**

*Kennedy Johnson and Dr. Jacqueline Aenlle - Kansas State University*

**Manifestation of the Three-Circle Model in Rural Missouri High School Agriculture Programs: An Instrumental Case Study**

*Cord Jenkins, Rebecca Mott - University of Missouri*

**Market Segmentation and Performance of Ginger Retail Traders in Kampala, Uganda**

*Miriam Namata, Samuel Ikendi, Stella Ahimbisibwe, Reagan Mulungi, David Banige, Andrew Waaswa, and Alex Tatwangire - Uganda Christian University, University of California Agricultural and Natural Resources, UC Merced, Missouri State University, Kampala University, North Carolina State University, Makerere University*

**Middle School Teachers' Concerns about Facilitating Student Learning in Supervised Agricultural Experiences**

*Jacob Englin, Richie Roberts, Kristin S. Stair - Louisiana State University*

**Mindfulness as Perceived by Extension Educators in Ohio, Pennsylvania and Indiana**

*Mariah Awan, Rama Radhakrishna - Purdue University*

**Navigating Responsibility and Acceptance: Students' Engagement with GenAI Writing Tools**

*Haylee Henry, Casandra K. Cox, & Grace Vehige - University of Arkansas*

**Novice High School Agricultural Science Teachers' Viewpoint on Being Equipped for Teaching Laboratory Settings.**

*Bryce Hamlin; Krysti Kelley - Texas Tech University*

**Pathways to Climate Smart Agriculture in the San Diego Region of California**

*Samuel Ikendi, Vikram Koundinya, Esther Mosase, Erin Spaniel, Hope Zabronsky, Leslie Roche, Natalia Pinzon, Namah Chiamo Taku-Forchu, Lauren Parker, Mark Cooper, Daniele Zaccaria, Steven Ostojka, Prakash Kumar Jha, and Tapan Pathak - University of California Agriculture and Natural Resources, UC Merced, UC Davis, USDA California Climate Hub*

**Perceptions and Experiences are Important: Career Choice in Agriculture**

*Katrina Swinehart Held - Central State University*

**Perceptions of the Usability of a Virtual Field Trip within a Feed Mill Facility**

*Allison Chambers, Gaea Hock, Brandie Disberger, Jonathan Ulmer - Kansas State University*

**Personal human capital needs of school-based agricultural education teachers in Oklahoma**

*Kayla Marsh, Dr. Christopher J. Eck - Oklahoma State University*

**Preparing to Podcast: How Undergraduate Students Meet Outcomes Through Project- Based Learning Opportunities**

*Jacqueline Aenlle - Kansas State University*

**Reaching All People: An Examination of Felt Community Representation in Tennessee**

*Victoria Jessie, Shelli D. Rampold, Makenzie Smith - University of Tennessee*



**Representation Matters: The 1890 Land Grant Institutions Role in School-Based Agricultural Education Supply and Demand**

*Mia Sullivan, Daniel Foster, Amy Smith, Becki Lawver, Michael Spiess, and Ashley Rogers - The Pennsylvania State University, University of Minnesota, Utah State University, California State University Chico, National Association of Agricultural Educators*

**Retrospective reflection on school-based agricultural education early field experience: Perceptions of teacher aspirants**

*Kayla Marsh - Oklahoma State University*

**Safety! What is it good for?**

*Garrett T. Hancock, Jason D. McKibben - Auburn University*

**Scholarly Metrics by Rank in the Agricultural Education Discipline**

*Marcus Martin, Christopher M. Estep, Donald M. Johnson, Will Doss - University of Arkansas*

**Seeding the Future: Cultivating a Research Agenda in Elementary Agricultural Education**

*Jessica Boone, Jason Peake - University of Georgia*

**Seeds of Professionalism: Unearthing Leadership Perspectives in Agricultural Education**

*Daniela Rodriguez-Ruiz, Ann De Lay, Erin Gorter, Nicole Ray, Lauren Giannone, Isaac Lopez, Ashley Crabtree - Cal Poly State University, San Luis Obispo*

**Student Perceptions of Agricultural Needs and Challenges across Leadership**

*Bailey Sipes, Jason Headrick, Lindsay Kennedy - Texas Tech University*

**Student-animal interactions in AFNR education: An exploration of students' affective and cognitive responses**

*Faith Oster, Dr. Kimberly Cole, Dr. Joy Rumble - The Ohio State University*

**Teacher Perceptions and Planned Behavior Related to Agriscience Externship Experiences**

*Jonathan Moules, Nicole Ray, Stacy VanScoy, Robert Strong, Cameron Standridge, Kaitlyn Linderholm, Avery Culbertson - Cal Poly, SLO; Fresno State, Texas A&M*

**Teacher-Parent Relationships and Their Role in Agricultural Science Teachers Retention**

*Clarissa Darby, Rudy Ritz - Texas Tech University*

**The Evolution of Gender Roles in FFA: An Analysis of the Covers of the FFA New Horizons Magazine**

*Hayley F. Milliron, Kellie Claflin - The Ohio State University*

**The Importance of Social Capital for Youth Leadership Development in Agriculture: Perspectives from State FFA Officers**

*Saralyn Smith, Richie Roberts, Kristin S. Stair - Louisiana State University*

**The Livestock Collective: A Case Study of Efforts to Enhance Transparency of the Live Export Industry in Australia**

*Dr. Courtney Meyers - Texas Tech University*

**Tracing the Turnover Intentions of SBAE Teachers by Certification Path and Career Stage**

*Matthew J. Wood, Tyson J. Sorensen - Utah State University*

**Training AGvocates in Secondary Classrooms: [State] Agricultural Science Teachers' Needs for Integrating Agricultural Communications Curriculum into Current Instruction**

*Tatum Pugh, Maureen Victoria, Jean Parrella, Mark Hainline - Sam Houston State University, Virginia Tech*

**Understanding Entry and Retention Using FIT Choice: Motivational Factors Among New Agriculture Teachers in Florida**

*Keziah Crespo, Jason Dossett, Brian E. Myers, J.C. Bunch, R.G. Tre Easterly, III - University of Florida*

**Understanding Graduate Student Perceptions of Generative AI Using an Expectancy-Value Theory Approach**

*Nellie Hill-Sullins, Jason Headrick - Kansas State University, Texas Tech University*

**Understanding the impact of self-determination: A narrative examination of small-scale Black regenerative farmers**

*Sherifat T. Alabi & Joy N. Rumble - Ohio State University*

**Using a Virtual Reality Trainer to Enhance Preservice SBAE Teachers' Welding Self-Efficacy**

*Ashley Thompson, Justin Pulley - Tarleton State University*

**Using Generative AI to Solve Technical Problems: Student Results and Perceptions**

*Grace Vehige, Will Doss, Christopher M. Estep, Donald M. Johnson - University of Arkansas*

**Utilizing Social Capital and Ego Resiliency Theory to Assess the Influence of Social Support and Spirituality on Ego Resilience of Youth in Haitian Farmworker Communities**

*Beatrice Pierre - University of Florida*

**What Factors Influence Undergraduate Agricultural Education Students' Perceptions of their Academic Major?**

*Emma Wiseman; Brian Parr; Trent Wells - Murray State University*

**What is New on the News: A Content Analysis of a TV News Show in Agriculture**

*Joshue Lewis - Texas Tech University*

**What's in a Name? A Case Study of "Section 8" in Illinois FFA**

*Colby Gregg, Amy Leman, and Josie Brockett - University of Illinois*

**Who Teaches and Why? Analyzing Why Individuals Choose to Pursue a Career Teaching Secondary Agricultural Education**

*Josh Odom, John Rayfield, Chelsea Hatch - Texas Tech University*

*Note: The innovative poster session will occur on Tuesday, May 21st, from 8 to 9 a.m. We ask that you set your poster up in a specified area of the poster space on Tuesday morning and leave your poster on display until 5:00 p.m. on Tuesday. Innovative poster voting will end at 9:15 a.m. on Tuesday, May 21st. The research poster session will occur on Thursday, May 23rd, from 8 to 9 a.m. We ask that you set your poster up in a specified area of the poster space on Wednesday morning and leave your poster on display until 10:45 a.m. on Thursday. Research poster voting will end at 9:15 a.m. on Thursday, May 23rd.*

**Voting INSTRUCTIONS:**

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

*A. View posters/record your favorite number; go to the website.*

*B. Enter your appropriate voting code (specific to poster category).*

*C. Enter number of your favorite poster for each category.*



**Department of Communications and  
Agricultural Education**







