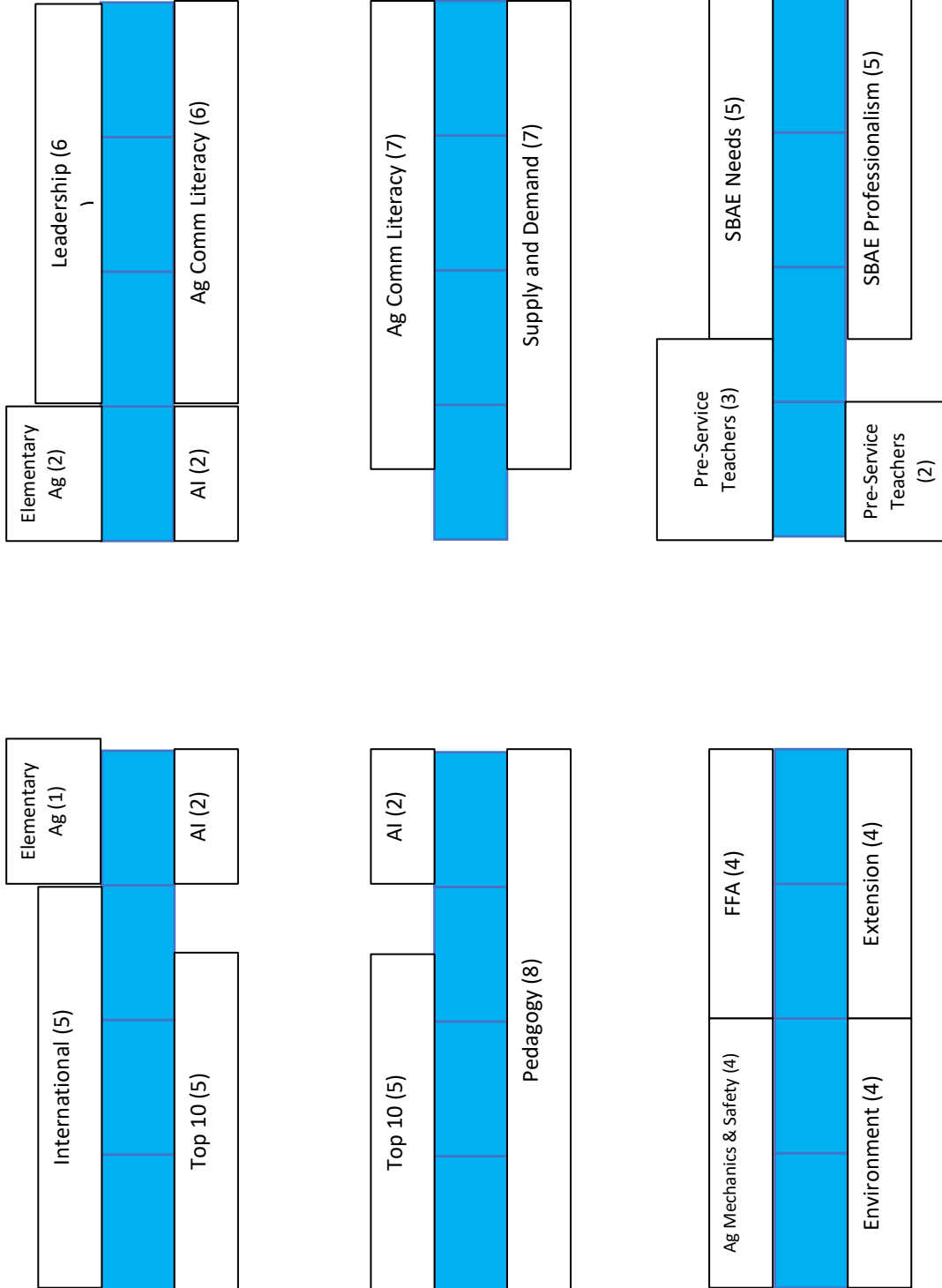


# 2024 National AAAE Research Poster Session Theme Groups and Map

## Research Poster Layout – Flint Hills



Door

## Top Ten: (10)

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 Vyvlecka, & 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 Silvert; Rafael Landaverde; Melissa Leiden Welsh; John Diaz; Mary Rodriguez; Dharmendra Kalauni
School-based agricultural education teachers support needs
Kayla Marsh, Dr. Christopher J. Eck, and Dr. Wiliam 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

## SBAE Supply and Demand (7)

"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
Examining the Teacher Pipeline
Dr. Sam Rodriguez, Dr. Michael Spiess, Mr. Kenny Saephan CSU Fresno, CSU Chico, Escalon HS
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
Teacher-Parent Relationships and Their Role in Agricultural Science Teachers Retention
Clarissa Darby, Rudy Ritz Texas Tech University
Understanding Entry and Retention Using FIT Choice: Motivational Factors Among New Agriculture Teachers in [State]
Keziah Crespo, Jason Dossett, Brian E. Myers, J.C. Bunch, R.G. Tre Easterly, III University of Florida
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
Tracing the Turnover Intentions of SBAE Teachers by Certification Path and Career Stage
Matthew J. Wood, Tyson J. Sorensen Utah State University

## SAE Pre-Service Teachers (5)

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
Exploring Preservice Teacher Food Practices in the Context of Teaching Food Science Topics
Lisa Shepherd and Chaney Mosley Middle Tennessee State University
Retrospective reflection on school-based agricultural education early field experience: Perceptions of teacher aspirants
Kayla Marsh Oklahoma State University

What Factors Influence Undergraduate Agricultural Education Students' Perceptions of their Academic Major?
Emma Wiseman; Brian Parr; Trent Wells Murray State University

### **Pedagogy (8)**

An Interpretive Thematic Synthesis of Literature on the Implementation of Experiential Learning in Agricultural Education
Mathew Smith, Neil Knobloch Purdue University
EFFECTS OF IMMERSIVE AND IN-CLASS EXPERIENCES ON KNOWLEDGE AND PERCEPTIONS OF AGRICULTURAL CAREERS
Kevin Williams West Texas A&M University
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
Identifying HEARING-related shortcomings in Alabama School-Based Agricultural Education
Garrett T. Hancock Auburn University
Intent to implement CASE curriculum: Participant perspectives
Kayla Marsh, Dr. Christopher J. Eck Oklahoma State University
Manifestation of the Three-Circle Model in Rural [State] High School Agriculture Programs: An Instrumental Case Study
Cord Jenkins, Rebecca Mott University of Missouri
Novice High School Agricultural Science Teachers'™ Viewpoint on Being Equipped for Teaching Laboratory Settings.
Bryce Hamlin; Krysti Kelley 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

### **SBAE Professionalism (5)**

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
Fine Points of Classroom Professionalism: [STATE] 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
Scholarly Metrics by Rank in the Agricultural Education Discipline
Marcus Martin, Christopher M. Estepp, Donald M. Johnson, Will Doss University of Arkansas
Perceptions and Experiences are Important: Career Choice in Agriculture
Katrina Swinehart Held Central State University
Inspired to Teach: Perspectives from School-based Agricultural Education Teachers
Kalynn Baldock, Jessiann Dusenbery, Matthew Vetterly Eastern New Mexico University

### **SBAE Teacher Needs (5)**

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 (Mosley and Ragland); James Madison University (Jin)
Comparing the Classroom Needs of School-Based Agricultural Education Teachers in [state] by Years of Teaching Experience
Lavyne Rada & Scott Smalley University of Minnesota
Personal human capital needs of school-based agricultural education teachers in [state]
Kayla Marsh, Dr. Christopher J. Eck Oklahoma 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
Tracing the Turnover Intentions of SBAE Teachers by Certification Path and Career Stage
Matthew J. Wood, Tyson J. Sorensen Utah State University
An Analysis of Professional Development Impact on Teacher Confidence in Turfgrass Science
Clarissa Darby, Joey Young, Ericka Irlbeck, Rudy Ritz Texas Tech University

### **FFA: (4)**

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
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
What's in a Name? A Case Study of "Section 8" in Illinois FFA
Colby Gregg, Amy Leman, and Josie Brockett University of Illinois
Middle School Teachers' Concerns about Facilitating Student Learning in Supervised Agricultural Experiences
Jacob Englin, Richie Roberts, Kristin S. Stair Louisiana State University

### **Elementary Agricultural Education: (3)**

Elementary Agricultural Education Teacher Extended Day and Extended Year
Jason Peake, Jessica Boone, Jade Davidson, Madison Race University of Georgia
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
Seeding the Future: Cultivating a Research Agenda in Elementary Agricultural Education
Jessica Boone, Jason Peake University of Georgia

### **Agricultural Communications and Literacy: (13)**

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
Enhancing Self-efficacy through Problem-Based Learning Intervention across Agricultural Disciplines
Shuai Ma, Zhihong Xu, Zilong Pan, Wenting Weng, Theresa Pesl Murphrey Texas A&M University
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
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 [State]: 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

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
Preparing to Podcast: How Undergraduate Students Meet Outcomes Through Project-Based Learning Opportunities
Jacqueline Aenlle Kansas State University
What is New on the News: A Content Analysis of a TV News Show in Agriculture
Joshue Lewis Texas Tech 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
Assessing Visitors' Perceptions of an Interactive Learning Space About Ranching
Cambry Cline & Dr. Courtney Meyers Texas Tech University
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
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

**Extension: (4)**

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
Mindfulness as Perceived by Extension Educators in Ohio, Pennsylvania and Indiana
Mariah Awan, Rama Radhakrishna Purdue University
Reaching All People: An Examination of Felt Community Representation in [State] Extension Programming
Victoria Jessie, Shelli D. Rampold, Makenzie Smith University of Tennessee
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)

## Environmental: (4)

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
Investigating Flint Hills Fire Culture: A Qualitative Analysis
Adrian Sulivant, Katherine Starzec, Claire Geiger Kansas State 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 Ostoja, Prakash Kumar Jha, and Tapan Pathak University of California Agriculture and Natural Resources, UC Merced, UC Davis, USDA California Climate Hub
Understanding the impact of self-determination: A narrative examination of small-scale Black regenerative farmers
Sherifat T. Alabi & Joy N. Rumble Ohio State University

## International: (5)

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
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
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
The Livestock Collective: A Case Study of Efforts to Enhance Transparency of the Live Export Industry in Australia
Dr. Courtney Meyers Texas Tech University
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



## Artificial Intelligence: (6)

Artificial Intelligence and the Professional Development Needs of SBAE Teachers
Sidney Pehrson, Tyson J. Sorensen Utah State University
Attitudes of SBAE Teachers Regarding AI utilization
Sidney Pehrson, Tyson J. Sorensen Utah State University
Career and Technical Education Teachers'™ Opinions on Virtual Reality
Jackson Horton, OP McCubbins Mississippi State University
Navigating Responsibility and Acceptance: Students'™ Engagement with GenAI Writing Tools
Haylee Henry, Casandra K. Cox, & Grace Vehige University of Arkansas
Understanding Graduate Student Perceptions of Generative AI Using an Expectancy-Value Theory Approach
Nellie Hill-Sullins, Jason Headrick Kansas State University, Texas Tech 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

## Agricultural Mechanics and Safety: (3)

Assessing the influence of welding sequence training on student performance
Rhett Sykora, Ryan Anderson, Marshall Swafford, & Bradley Borges Texas State University
Determining Early-career [STATE] Agriculture Teachers'™ Agricultural Mechanics Professional Development Needs
Christopher C. Crump; Trent Wells Banks County High School; Murray State University
Using a Virtual Reality Trainer to Enhance Preservice SBAE Teachers'™ Welding Self-Efficacy
Ashley Thompson, Justin Pulley Tarleton State University
Safety! What is it good for?
Garrett T. Hancock, Jason D. McKibben Auburn University

## **Agricultural Leadership: (6)**

Exploring the Impact of Podcast Pedagogy on Agricultural Leadership Education through Quantitative Analysis
Hoyt Nebgen, Clarissa Darby, Dr. Jason Headrick Texas Tech 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
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
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
Upsetting the Group Work Applecart: Critical Reflection on Evolving Group Dynamics in an Agricultural Leadership Course
Haden M. Botkin, Lindsay J. Hastings University of Nebraska-Lincoln