

RESEARCH POSTER SESSIONS

Session 1 – Tuesday, May 17 – 2:00 – 3:00 – Innovative Posters

Cultivating a Community for Rural Agricultural Leaders

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

UF CooperatingTeachersSupport.com: A Resource Tool for Florida Cooperating Teachers

Heather Nesbitt, Alyssa Rogers, and Debra Barry - University of Florida, Doris Sanders Learning Center

A Sunburst of Voices: Visually Depicting Analytical Codes from Students' Experiences

Kellie J. L. Seals - Roscoe Collegiate ISD, Texas Tech University

A Teacher Educator Returns to the High School Agriculture Classroom

Kattlyn Wolf - University of Idaho

Breaking News! Cultivating Cultural Proficient Conversations Using Media Outlets

Rafael Landaverde, Erica Summerfield, Mary T. Rodriguez, and Annie Specht - The Ohio State University

Building Comradery Between Preservice and In-Service Teachers

Emily O. Manuel, Kathryn L. Teixeira, Emily A. Sewell, Kristopher R.L. Rankin III, and Robert Terry Jr. - Oklahoma State University, University of California, Davis

Building Professional Collaborations between Community College and Land Grant University Faculty

Jama S. Coartney, Eric K. Kaufman, Donna M. Westfall-Rudd, Megan M. Seibel, Curtis R. Friedel, Amy White, and Celeste Carmichael Virginia Tech, Independent Consultants

Coffee, Collaboration, and Confidence Intervals: A Community of Practice for Faculty and Graduate Students

D. Brett Milliken and Natalie H. Vaz - Oregon State University

Creative Opportunities Within Secondary Agriculture Classrooms for Latinx Leadership Development

Rigo Chaparro and Carla Jagger, Grady Roberts - University of Florida

Developing Industry Partnerships to Provide Welding Certifications

Jacob Ramos, Ryan Anderson, and Bradley Borges - Texas State University

Fighting the First-Year Blues One Postcard at a Time

Tyler J. Price, Emily A. Sewell, Kristopher R. L. Rankin III, Ryan W. Best, Emily O. Manuel, and Robert Terry Jr. - Oklahoma State University

Gauging and Growing Gen-Z Student Interest in Agricultural Education and Leadership at University of Missouri

Nick Plaugher, Jaelyn Peckman, Rebecca Mott, Adam Cletzer, Jon Simonsen, and John Tummons - University of Missouri

Generating Program Enthusiasm Using University Teach Ag Pennants

Sarah E. LaRose - Purdue University

Hey! Look What I Found!

Gaea Hock - Kansas State University

Incorporating Drone Technology into an Undergraduate Agriculture Technology Course

Edward Franklin - University of Arizona, Tucson

Initiating and Mobilizing a Pipeline in Agricultural Career Training (IMPACT)

Baldock, K., Boren Alpizar, A.E., and Irlbeck, E. - Eastern New Mexico University, Texas Tech University, Texas Tech University

Initiating Inquiry through Cultivation of Professional Identity: Blending Pre-service and In-service Professional Learning.

Carson Letot, Daniel Foster, Jonathan Seaman, and Melanie Miller Foster - Penn State University

Is it Really that Hard? Developing Immersive Experiences Through Virtual Reality

Jamie Greig, Blake Colclasure, Taylor Ruth, and Nathan Conner - University of Tennessee, Knoxville; University of Nebraska-Lincoln

It's My Jam: Using Google Jamboard to Encourage Engagement and Collaboration

Courtney Meyers and Gaea Hock - Texas Tech University & Kansas State University

Leadership Development through Livestock SAEs: Using Near-Peer Groups to Build Students' Leadership and Animal Science Knowledge and Skills

Tyler Price and Craig Edwards - Oklahoma State University

Learning by Doing: Building an Educational Technology Database App with Glide

OP McCubbins and Trent Wells - Mississippi State University, Southern Arkansas University

Leveraging Zoom Features in a Synchronous Online Web Design Course

Ginger Orton and Courtney Meyers - Texas Tech University

Maintaining a Collaborative and Friendly Network Before and During COVID-19

Amy M. Gonzalez-Morales, D. Brett Milliken, and Haley Q. Traini - Oregon State University

Making the Connection: Integrating the RealCareer Electrical Wiring Kit into Agricultural Teacher Education

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

Marauder Agricultural Scholarship Program - Boosting Course Enrollment

Katrina Swinehart Held, Saima Bashir, Erick Kitenge, Wendy Berry-West, and George Owusu-Antwi - The Ohio State University/Central State University, Central State University, Prairie View A&M University

Monday Morning Musings: Using Jamboard for Collaborative Reflection

D. Brett Milliken - Oregon State University

Moving Forward: Use of Experiential Learning Opportunities to Promote Learning in an Introduction to Agricultural Communications Course- Meeting Future Needs of Industry

Alexis Burkett, J. Chris Haynes, Chandra Andrew, and T. Wayne Atchley - Tarleton State University

Online Asynchronous Microteaching in an Agricultural Education Teaching Methods Course

Sarah E. LaRose - Purdue University

Planning to Grow: Grading Preservice Lesson Plans With a Growth Mindset

Hannah C. Parker, Amanda M. Bowling, Justin Pulley, and Kellie Claflin - The Ohio State University

Promoting Deep Learning While Solving Community Problems Through Bi-national Global Service-Learning Projects

Samuel Ikendi; Michael Retallick; and Gail Nonnecke - Iowa State University

Promoting Student Well-Being through Wellness Week

Wendy J. Warner, Joy E. Morgan, and Keonte' J. Edmonds - North Carolina State University

Quick Response Codes: A Tool for Sharing Extension's Educational Resources and Improving the Response Rates of Program Evaluations

Joshua Campbell, M. Craig Edwards, and Lauren Cline - Oklahoma State University

Rethinking Interest Approaches with Animated Hooks

Kirby Schmidt - Oregon State University

Scraping Big Data without Breaking the Bank: Using Twitter API for Academic Research

Hannah L. Ford - Texas Tech University

Sharpening Assessment: Testing Learning Management System Written Feedback Tools

Hannah L. Ford, Makenzie Neves, and Laura Fischer - Texas Tech University

Shop Safety Checklist -- Got the App?

Michael Spiess - California State University, Chico

Strengthening Gender Responsive Global Agricultural Education and Outreach in Higher Education: The Origins of a Community of Practice

Carmen N. Benson, Danette Philpot, Theresa Murphrey, and Manuel Pina Jr. - Texas A&M University

Student Growth Through Collaboration: The Use of Peer Mentor Groups in the Classroom

Kayla A. Powers, Maci J. Loving, and Laura M. Fischer - Texas Tech University

Sweet Soldering: Using Crème Brûlée to Teach Soldering Skills in an Agricultural Mechanics Course

Amador Gonzales and Don Edgar - New Mexico State University

Taking Tractor Safety to the Virtual Limit

Justin Pulley and Dee Jepsen - The Ohio State University

Teach Ag Tuesday: Shared Tips and Tricks for SBAE Teachers

Emily A. Sewell, Tyler J. Price, Emily O. Manuel, Ryan W. Best, Kristopher R. L. Rankin III, and Robert Terry Jr. - Oklahoma State University

The Sticky Note Method: A Project Planning Tool for Student Writing Projects

Makenzie Neves, Courtney Gibson, and Hannah Ford - Texas Tech University

Treat Yo'Self: An Innovative Approach to Teaching Work-Life Balance

Kelsi Opat and Olivia Robinson - Missouri State University

Updating the Essentials: SAE for All Through a Dichotomous Key

Eric D. Rubenstein, James D. Scott, and Andrew Thoron - University of Georgia, University of Georgia, Abraham Baldwin Agricultural College



Session 2 – Wednesday, May 18 – 9:00 – 10:00 – Research Posters

#ScienceHug: An Examination of Twitter Science Communication Engagement

Sarah Thomas and Joy Rumble - The Ohio State University

4-H Volunteer Experiences During the COVID-19 Pandemic

Christal Huber and Tanner Adkins - University of Missouri

A Cost Analysis Comparing Survey Modes, Incentives, and Response Rates

Will Doss and John Rayfield - Texas A&M University - Commerce and Texas Tech University

A Historical Review of the Unified Dairy Cattle Evaluation Scorecard

Jaycie Heath and M. Craig Edwards. - Oklahoma State University

Was #EndSpeciesism a Fumble? An Investigation of the Public's Perceptions of PETA's Message Framing Strategy During Super Bowl LIV

Rexanna Powers, Richie Roberts, and Taylor K. Ruth - Louisiana State University, University of Nebraska - Lincoln

A Narrative Inquiry into the History and Current Scope of Farm to School in Georgia

Jade Frederickson and Jason Peake - University of Georgia

A Needs Assessment of South Carolina School-Based Agricultural Educators' Archival Skills

Nancy McCannon, Christopher J. Eck, and K. Dale Layfield - Clemson University

A Non-Experimental Analysis of Agricultural Literacies in Georgia Elementary Agricultural Education

Ben Byrd, Jason B. Peake, Eric D. Rubenstein, and Maria Helm - University of Georgia

A Synthesis of Recommendations within Agricultural Literacy Intervention Research

Jenny E. Bennett, Debra M. Spielmaker, and Michelle S. Burrows - Utah State University

Addressing Food Systems Issues Through Youth Engagement: An Ohio Case Study

Kameron Rinehart, Amanda Bowling, and Jera Niewoehner-Green - The Ohio State University

Agricultural Leadership Publications: Where Can They Be Found?

Sarah Bush, Lauren Cline, D. Adam Cletzer, and Jason Headrick - University of Idaho, Oklahoma State University, University of Missouri-Columbia, Texas Tech University

Agricultural Magazines' Coverage of Climate Change in Relation to Agricultural Commodity and Geographic Location

Ginger Orton, Courtney Meyers, Laura Fischer, and David Doerfert - Texas Tech University

An Analysis of the Early Career Faculty Mentorship Network

Lauren Quinlan, Lauren Cline, and Quisto Settle - Oklahoma State University

An Examination of the Differences Among White and Racial Minority Students' Motivations to Pursue a Baccalaureate Degree in Agriculture

Allison Spillman, Richie Roberts, and Annabell Lang - Louisiana State University

Analyzing Predictors of Postsecondary Agricultural Education Students' Attitudes Toward Lesbian and Gay Identities

Eric M. Moser and Stacy K. Vincent - University of Kentucky

Assessing Sense of Belonging in First Generation Students at an Agricultural University

Hannah L. Ford and Jason Headrick - Texas Tech University

Available and Desired Agricultural Laboratories in Indiana SBAE Programs

Sarah E. LaRose, Miranda McGuire, and Melissa A. Grant - Purdue University

Bon Appetit: An Investigation of the Motivations Underlying Texas College Students' Food Choices

Jean Parrella, Holli Leggette, Maureen Victoria, Madalynn Kainer, and Morgan Orem - Texas A&M University

Building A Bridge for Agriculture Education Programs: Community Needs Assessment for Agriculture and Natural Resources

Iris Tsing, Melanie McKoin Owens, Peng Lu, Matt Baker, and Scott Cummings - Texas A&M University

Building Environmental Literacy through Rain Garden Education in the SBAE Classroom

Kendra Flood and Kevin W. Curry, Jr. - Pennsylvania State University

Can you Believe This? College Students' Ability to Identify Fake News on Agricultural Topics

Mary Katelynn Horton, Courtney Gibson, Laura Fischer, and Todd Chambers - Texas Tech University

Closing the Gap with YAP: Utilizing YAP to Help Minimize an Achievement Gap

Mallory E. McDonald, Hunter Anne Julian, Stacy K. Vincent, andmCaleb M. Hickman - University of Kentucky

College Students' Perceptions of Their Own Ability Versus Their Peers' Abilities to Identify Fake News on Agricultural Topics

Mary Katelynn Horton, Courtney Gibson, Laura Fischer, and Todd Chambers - Texas Tech University

Colombian Rural College Students' Perceptions of an International Internship Experience in Agricultural Science

Carlos Parra and Neil Knobloch - University of Caldas - Purdue University

Comparing Challenges Faced by School-Based Agricultural Education Teachers by Region

Casey Richards, Will Doss, and John Rayfield - Texas A&M University - Commerce & Texas Tech University

Covering Climate Change: A Content Analysis of the Progressive Farmer Magazine

Ginger Orton - Texas Tech University

Determining the Professional Development Needs of Students Using an Augmented Reality Welding System

Lourdez Garza, Ryan Anderson, Bradley Borges, and Marshall Swafford - Texas State University & Arkansas Tech University

Developing Pedagogical Content Knowledge in Global Agriculture: Assessing Perceptions of Global Issues in Pre-Service Educators in the GOALS Program.

Carson Letot, Daniel Foster, Melanie Miller Foster, Jeremy Falk, and Kasee Smith - Penn State University

Developing School-Based Agriculture Education Through School Gardens to Cultivate Intellect among Elementary School Pupils in Rural Uganda

Samuel Ikendi - Iowa State University

Differences in Safety Instruction Confidence among School-based Agricultural Education Teachers by Gender

Amy M. Leman, Josie M. Rudolphi, and Salah F. Issa - University of Illinois at Urbana-Champaign

Digging Deeper: A Closer Look at Mental Health in Rural Agricultural Communities

Peyton Thomas, A. Brant Poe, J. Chris Haynes, Rudy Tarpley, and T. Wayne Atchley - Tarleton State University

Disability Awareness of Agricultural Education Students

Regan Culp, Gaea Hock, and Jon Ulmer - Kansas State University

Due for Review: A Timely Look at Industry Perspective Impact on Agricultural Program Development

Madelaine Giebler, K. Jill Rucker, Casandra K. Cox, Steven Chumbley, Jefferson Miller, and Donna Graham - University of Arkansas, Texas A&M-Kingsville

Early Career Teachers' Struggles with Lack of Practical Skills

Maggie R Pfeiffer Salem, Will L. Doss, Edward W. Romero, and Keith J. Frost - Texas A&M University-Commerce

Effects of a Professional Development Session on Career and Technical Education Teachers' Knowledge to Teach Small Gas Engines

Preston Byrd, Troy White, Ryan Anderson, Ryan Saucier, and Cassidy Leamon - West Virginia University, South Dakota State University, Texas State University, Sam Houston State University

Effects of a Professional Development Session on Career and Technical Education Teachers' Perceptions of Importance, Competence, Curriculum Availability, and Ability to Teach Two-Stroke Engine Theory and Safety

Kaitlyn Anderson, Ryan Anderson, and A. Preston Byrd - Boone High School, Texas State University, West Virginia University

Evaluating Reach and Uptake of Food Resources in an Extension-Supported Rural Health-Promotion Initiative

Catherine E. Sanders and Alexa J. Lamm - University of Georgia

Examining Illinois Agriculture Teachers Perceptions of Compensation and the 3 Circles Grant

Steven Still, Jay Solomonson, and Blake Uchitijil - Southern Illinois University, Illinois State University, Southern Illinois University

Examining Illinois School Administrators' Perceptions of a Teacher 3 Circles Grant Program

Steven Still, Jay Solomonson, and Blake Uchitijil - Southern Illinois University, Illinois State University, Southern Illinois University

Examining the Effect of COVID-19 on Preservice Agriculture Teachers' Self-Efficacy, Teaching Intentions, and Career Expectations

Jonathan Moules and Steven J. Rocca - California State University, Fresno

It's Harder Than You Think: International Graduate Students' Academic Adjustment Struggles in the Agricultural Education Programs in the U.S.

Shuyang Qu and Fally Masambuka-Kanchewa - Iowa State University

Teacher Supply - Looking for the Whole Story

Michael Spiess - California State University, Chico

The 1619 Project: Utilizing the Theory of Planned Behavior to Enhance Preservice Agricultural Science Educators' Perception of Multiculturalism

Caleb Hickman, Dallas L. Cooks, and Stacy K. Vincent - University of Kentucky

Unmasking Audiences: A Cluster Analysis of Ohio 4-H Parents' Beliefs About Mask Wearing

Joy Rumble, Cara Lawson, and Alyssa Rockers - The Ohio State University, Oregon State University



Session 3 – Thursday, May 19 – 8:00 – 9:00 – Innovative and Research Posters

Innovative

Using Technical Skill Microworkshops to Develop Agricultural Mechanics Self-Efficacy in College of Agriculture Students

Tyler Granberry, J. Joey Blackburn, and Kristin S. Stair - Louisiana State University

Using Triangulation Scoring to Improve Student Evaluations

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

Using Virtual Reality (VR) Technology as an Alternative Approach to Traditional Ag in the Classroom Field Days

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

Utilizing Conversations to Encourage Instructor-Student Relationship and Promote Student Wellness and Career Focus

Andrew Waaswa, Joy Morgan and Wendy Warner - North Carolina State University

Research

A Model for Agricultural Education: Diffusion of the SBAE Model in Liberia

Haley Q. Traini, D. Brett Milliken, and Amy M. Gonzalez Morales - Oregon State University

Examining the Leadership Attitudes and Beliefs and Leadership Identity Development of [College] Undergraduate Students

Makenna Wilson and Sarah Bush - University of Idaho

Faculty and Staff Award Recipients' Perceived Value of PK-12 Awards Program.

Sarah Thies, Neil Knobloch, Christine Wilson and Ryan Kornegay - Purdue University

Food Labeling: An Examination of Bioengineered Food Disclosures

Madison Dymont, Joy Rumble, and Brandon McFadden - The Ohio State University, University of Delaware

Gearing Up for Green: Faculty Perceptions of Preservice Teacher Preparation in Renewable Energy

Tyler Granberry, Jennifer L. Brown, and J. Joey Blackburn - Louisiana State University

Heterosexist Ideologies Present in Post-Secondary Agricultural Education Students

Eric M. Moser and Stacy K. Vincent - University of Kentucky

Importance of Organizational Volunteer Retention during the COVID-19 Pandemic when Designing Extension Program for Local Non-Profit Leaders

Suzanna Windon, Daniel Robotham, and Ann Echols - The Pennsylvania State University

Improvisation for Agricultural Communicators: Using Reflections to Investigate the Effect of Role-Play On Students' Empathy Development

Jean A. Parrella, Carrie N. Baker, Holli R. Leggette, and Deborah Dunsford - Texas A&M University

From Privilege to Advocacy: The Cultural Growth Experienced by Secondary Agricultural Education Teachers During an International Experience to Costa Rica

Abigail Greer, Nicholas P. Uzee, Korie A. Burgess, Jennifer Brown, Richie Roberts, Kristin S. Stair, and J. Joey Blackburn - Louisiana State University

Incorporating Biotechnology into a High School Curriculum

Kaitlyn Hildebrand, Jonathan D. Ulmer, Gaea Hock, and Brandie Disberger - Kansas State University

Informed and Prepared: An Analysis of Information Sources Texas Residents Used During Winter Storm Uri

Kayla Powers, Ginger Orton, Laura Fischer, and Cara Lawson - Texas Tech University

Leadership Attitudes and Beliefs at an HSI

Steven Boot Chumbley, Leslie Dominguez, and Jill Rucker - Texas A&M University Kingsville, University of Arkansas

Leading the Future: An Assessment of County Extension Agents Perceived Leadership Skills and Leadership Proficiency

Casey M. Moss, Shannon K. Allen, and Carley C. Morrison - Mississippi State University

Liberian Teachers' Intention to Implement Student-Centered Instruction Post-Training

Haley Q. Traini, Amy M. Gonzalez-Morales, and D. Brett Milliken - Oregon State University

Like, Comment, and Share: What Content Drives Engagement on the AAEE Facebook Page?

Dylan Davidson and Courtney Meyers - Texas Tech University

Linguistic Diversity: One Piece of the Puzzle to Greater Inclusion in FFA

D. Brett Milliken, Amy M. Gonzalez Morales, Haley Q. Traini, and Josh Stewart - Oregon State University

Measuring Global Service-Learning Alumni Facebook Communication

Samuel Ikendi; Michael Retallick; and Gail Nonnecke - Iowa State University

Metronormativity: A Philosophical Understanding of the Masking of Rural LGBTQ+ Agriculture Teachers' Lived Experiences

Caleb M. Hickman, Julie N. Zimmerman, and Stacy K. Vincent - University of Kentucky

Nebraska Conventional Farmers' Perspectives Toward Agricultural Hemp

Nicholas Gray, Dr. Blake Colclasure, and Laura Young - Doane University, University of Nebraska-Lincoln

Oklahoma School-Based Agricultural Education Teachers' Engagement in Production Agriculture

Ryan W. Best, Nicole Stevens, and Robert Terry, Jr. - Oklahoma State University; Mustang High School, OK; Oklahoma State University

Positionality of Teachers regarding IDE Professional Development in SBAE

Matthew Wood, Tyson Sorensen, and Michelle Burrows - Utah State University

Pronoun Preparedness of Preservice, School-Based Agricultural Education Teachers: Baseline Analysis of Their Knowledge and Preparedness Regarding Gender Pronouns

Tyler Price and Craig Edwards - Oklahoma State University

Relationship between Enrollments in Land-Grant Agricultural Education Majors by Year and State Participation in the Teach Ag STAR Program

Rachelle Andreatta and Travis Park - North Carolina State University

SBAE Teacher Attitudes regarding the Utilization and Implementation of Culturally Relevant Education Practices

Matthew Wood, Tyson Sorensen, and Michelle Burrows - Utah State University

Talking Soil Health: Sources for Disseminating Soil Health Information to Kansas Producers

Megan Underwood, Nellie Hill, Katie Burke, Levy Randolph, and Jason Ellis - Kansas State University

Teach Ag Tuesday: Increasing Content Knowledge and Fostering Mentorship

Emily A. Sewell, Tyler J. Price, and Robert Terry Jr. - Oklahoma State University

Teachers' Perceptions of Students' Views on Agriculture and Agricultural Careers

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

The Emergence of Youth-Adult Partnership on Native American Reservations

Hunter-Anne Julian and Stacy K. Vincent - University of Kentucky

The Impact of Differing Survey Methodologies on Response Rate

Jonathan D. Ulmer and Jaclyn Tweeten - Kansas State University

The Resiliency of Gay Men in Agriculture Science Education

Caleb M. Hickman and Stacy K. Vincent - University of Kentucky

The Urban Agriculture and Life Sciences Academy's Summer Institute: Agricultural Teacher's Perceived Satisfaction and Learning about Culturally Responsive Pedagogy

Aaron Golson and James Anderson II - University of Georgia

Understanding Research Priorities and Criteria Affecting Decisions for Cotton Production in the United States: A Content Analysis

Madalynn Kainer, Holli Leggette, Thomas Chappell, and Jean Parrella - Texas A&M University

Understanding the Motivating Factors and Limitations of Volunteering Among College of Agriculture and Natural Resource Students

Jason Headrick and Shelby Shank - Texas Tech University

Upcoming Food Innovations: A Delphi Study

Alexis Zickafoose, Mathew Baker, and Peng Lu - Texas A&M University

Using the Gregorc Style Delineator to demonstrate students learning style

Kathryn L. Teixeira, Emily O. Manuel, Emily A. Sewell, Kristopher R. L. Rankin III, Robert Terry, Jr. - University of California, Davis and Oklahoma State University

What Do They Trust? An Exploration of Trust in Science and Views of Climate Change

Maci Loving, Reagan Ellison, Laura M. Fischer, Cara Lawson, and Ginger Orton - Texas Tech University

Who's Involved and Who Isn't? A Demographic Study of Senior FFA Members

Stephen M. McBride, and B. Allen Talbert - Purdue University

Youth and Family Assets Across Texas Communities

Amber Chambers, Alexis Zickafoose, Peng Lu, Tearney Woodruff, and Matt Baker - Texas A&M University