**2022 National AAAE Poster Session Proceedings**

**Innovative Idea Posters**

[Cultivating a Community for Rural Agricultural Leaders](http://aaae.agedweb.org/downloadfile.asp?ID=5109)

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

[UFCooperatingTeachersSupport.com: A Resource Tool for Florida Cooperating Teachers](http://aaae.agedweb.org/downloadfile.asp?ID=5041)

Heather Nesbitt, Alyssa Rogers, Dr. Debra Barry  
University of Florida, Doris Sanders Learning Center

[A Sunburst of Voices: Visually Depicting Analytical Codes from Students' Experiences](http://aaae.agedweb.org/downloadfile.asp?ID=5046)

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

[A Teacher Educator Returns to the High School Agriculture Classroom](http://aaae.agedweb.org/downloadfile.asp?ID=5036)

Kattlyn Wolf  
University of Idaho

[Breaking News! Cultivating Cultural Proficient Conversations Using Media Outlets](http://aaae.agedweb.org/downloadfile.asp?ID=5028)

Rafael Landaverde; Erica Summerfield; Dr. Mary T. Rodriguez; Dr. Annie Specht  
The Ohio State University

[Building Comradery Between Preservice and In-Service Teachers](http://aaae.agedweb.org/downloadfile.asp?ID=4991)

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

[Building Professional Collaborations between Community College and Land Grant University Faculty](http://aaae.agedweb.org/downloadfile.asp?ID=4966)

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

[Coffee, Collaboration, and Confidence Intervals: A Community of Practice for Faculty and Graduate Students](http://aaae.agedweb.org/downloadfile.asp?ID=5121)

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

[Creative opportunities within secondary agriculture classrooms for Latinx leadership development](http://aaae.agedweb.org/downloadfile.asp?ID=4968)

Rigo Chaparro, Carla Jagger, Grady Roberts  
University of Florida

[Developing Industry Partnerships to Provide Welding Certifications](http://aaae.agedweb.org/downloadfile.asp?ID=4872)

Jacob Ramos, Ryan Anderson, & Bradley Borges  
Texas State University

[Fighting the First-Year Blues One Postcard at a Time](http://aaae.agedweb.org/downloadfile.asp?ID=4995)

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

[Gauging and Growing Gen-Z Student Interest in Agricultural Education and Leadership at University of Missouri](http://aaae.agedweb.org/downloadfile.asp?ID=4984)

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

[Generating Program Enthusiasm Using University Teach Ag Pennants](http://aaae.agedweb.org/downloadfile.asp?ID=5002)

Dr. Sarah E. LaRose  
Purdue University

[Hey! Look What I Found!](http://aaae.agedweb.org/downloadfile.asp?ID=4875)

Gaea Hock  
Kansas State University

[Incorporating Drone Technology into an Undergraduate Agriculture Technology Course](http://aaae.agedweb.org/downloadfile.asp?ID=4916)

Edward Franklin  
University of Arizona, Tucson

[Initiating and Mobilizing a Pipeline in Agricultural Career Training (IMPACT)](http://aaae.agedweb.org/downloadfile.asp?ID=4973)

Baldock, K., Boren Alpizar, A.E., & 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.](http://aaae.agedweb.org/downloadfile.asp?ID=4988)

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

[Is it Really that Hard? Developing Immersive Experiences Through Virtual Reality](http://aaae.agedweb.org/downloadfile.asp?ID=4956)

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

[It’s My Jam: Using Google Jamboard to Encourage Engagement and Collaboration](http://aaae.agedweb.org/downloadfile.asp?ID=4879)

Dr. Courtney Meyers & Dr. 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](http://aaae.agedweb.org/downloadfile.asp?ID=4980)

Tyler Price and Dr. Craig Edwards  
Oklahoma State University

[Learning by Doing: Building an Educational Technology Database App with Glide](http://aaae.agedweb.org/downloadfile.asp?ID=4974)

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

[Leveraging Zoom Features in a Synchronous Online Web Design Course](http://aaae.agedweb.org/downloadfile.asp?ID=4969)

Ginger Orton, Dr. Courtney Meyers  
Texas Tech University

[Maintaining a Collaborative and Friendly Network Before and During COVID-19](http://aaae.agedweb.org/downloadfile.asp?ID=5037)

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

[Making the Connection: Integrating the RealCareer Electrical Wiring Kit into Agricultural Teacher Education](http://aaae.agedweb.org/downloadfile.asp?ID=4881)

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

[Marauder Agricultural Scholarship Program - Boosting Course Enrollment](http://aaae.agedweb.org/downloadfile.asp?ID=5084)

Katrina Swinehart Held, Dr. Saima Bashir, Dr. Erick Kitenge, Wendy Berry-West, Dr. 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](http://aaae.agedweb.org/downloadfile.asp?ID=4932)

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](http://aaae.agedweb.org/downloadfile.asp?ID=5061)

Alexis Burkett; Dr. J. Chris Haynes; Dr. Chandra Andrew; Dr. T. Wayne Atchley  
Tarleton State University

[Online Asynchronous Microteaching in an Agricultural Education Teaching Methods Course](http://aaae.agedweb.org/downloadfile.asp?ID=5004)

Dr. Sarah E. LaRose  
Purdue University

[Planning to Grow: Grading Preservice Lesson Plans with a Growth Mindset](http://aaae.agedweb.org/downloadfile.asp?ID=5064)

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

[Promoting Deep Learning While Solving Community Problems Through Bi-national Global Service-Learning Projects](http://aaae.agedweb.org/downloadfile.asp?ID=5090)

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

[Promoting Student Well-Being through Wellness Week](http://aaae.agedweb.org/downloadfile.asp?ID=5066)

Wendy J. Warner, Joy E. Morgan, 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](http://aaae.agedweb.org/downloadfile.asp?ID=5094)

Joshua Campbell, M. Craig Edwards, Ph.D., Lauren Cline, Ph.D.  
Oklahoma State University

[Rethinking Interest Approaches with Animated Hooks](http://aaae.agedweb.org/downloadfile.asp?ID=4900)

Kirby Schmidt  
Oregon State University

[Scraping Big Data without Breaking the Bank: Using Twitter API for Academic Research](http://aaae.agedweb.org/downloadfile.asp?ID=4999)

Hannah L. Ford  
Texas Tech University

[Sharpening Assessment: Testing Learning Management System Written Feedback Tools](http://aaae.agedweb.org/downloadfile.asp?ID=4997)

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

[Shop Safety Checklist -- Got the App?](http://aaae.agedweb.org/downloadfile.asp?ID=4873)

Michael Spiess  
California State University, Chico

[Strengthening Gender Responsive Global Agricultural Education and Outreach in Higher Education: The Origins of a Community of Practice](http://aaae.agedweb.org/downloadfile.asp?ID=4989)

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

[Student Growth Through Collaboration: The Use of Peer Mentor Groups in the Classroom](http://aaae.agedweb.org/downloadfile.asp?ID=4972)

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

[Sweet Soldering: Using Crème Brûlée to Teach Soldering Skills in an Agricultural Mechanics Course](http://aaae.agedweb.org/downloadfile.asp?ID=4902)

Amador Gonzales, Don Edgar  
New Mexico State University

[Taking Tractor Safety to the Virtual Limity](http://aaae.agedweb.org/downloadfile.asp?ID=4981)

Justin Pulley, Dee Jepsen  
The Ohio State University

[Teach Ag Tuesday: Shared Tips and Tricks for SBAE Teachers](http://aaae.agedweb.org/downloadfile.asp?ID=5111)

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

[The Sticky Note Method: A Project Planning Tool for Student Writing Projects](http://aaae.agedweb.org/downloadfile.asp?ID=4915)

Makenzie Neves, Dr. Courtney Gibson, Hannah Ford  
Texas Tech University

[Treat Yo'Self: An Innovative Approach to Teaching Work-Life Balance](http://aaae.agedweb.org/downloadfile.asp?ID=5051)

Kelsi Opat, Olivia Robinson  
Missouri State University

[Updating the Essentials: SAE for All Through a Dichotomous Key](http://aaae.agedweb.org/downloadfile.asp?ID=4921)

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

[Using Technical Skill Microworkshops to Develop Agricultural Mechanics Self-Efficacy in College of Agriculture Students](http://aaae.agedweb.org/downloadfile.asp?ID=4918)

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

[Using Triangulation Scoring to Improve Student Evaluations](http://aaae.agedweb.org/downloadfile.asp?ID=4870)

Rhett Sykora, Ryan Anderson, Bradley Borges & 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](http://aaae.agedweb.org/downloadfile.asp?ID=4926)

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

[Utilizing Conversations to Encourage Instructor-Student Relationship and Promote Student Wellness and Career Focus](http://aaae.agedweb.org/downloadfile.asp?ID=5095)

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

**Research Posters**

[#ScienceHug: An examination of Twitter science communication engagement](http://aaae.agedweb.org/downloadfile.asp?ID=5034)

Sarah Thomas, Joy Rumble  
The Ohio State University

[4-H Volunteer Experiences During the COVID-19 Pandemic](http://aaae.agedweb.org/downloadfile.asp?ID=5057)

Christal Huber, Tanner Adkins  
University of Missouri

[A Cost Analysis Comparing Survey Modes, Incentives, and Response Rates](http://aaae.agedweb.org/downloadfile.asp?ID=4865)

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

[A Historical Review of the Unified Dairy Cattle Evaluation Scorecard](http://aaae.agedweb.org/downloadfile.asp?ID=5122)

Jaycie Heath and M. Craig Edwards.  
Oklahoma State University

[A Model for Agricultural Education: Diffusion of the SBAE Model in Liberia](http://aaae.agedweb.org/downloadfile.asp?ID=5086)

Haley Q. Traini, D. Brett Milliken, Amy M. González Morales  
Oregon State University

[A Narrative Inquiry into the History and Current Scope of Farm to School in Georgia](http://aaae.agedweb.org/downloadfile.asp?ID=4952)

Jade Frederickson, Jason Peake  
University of Georgia

[A Needs Assessment of [State] School-Based Agricultural Educators' Archival Skills](http://aaae.agedweb.org/downloadfile.asp?ID=4967)

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

[A Non-Experimental Analysis of Agricultural Literacies in Georgia Elementary Agricultural Education](http://aaae.agedweb.org/downloadfile.asp?ID=5010)

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

[A Synthesis of Recommendations within Agricultural Literacy Intervention Research](http://aaae.agedweb.org/downloadfile.asp?ID=5079)

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

[Addressing Food Systems Issues Through Youth Engagement: An Ohio Case Study](http://aaae.agedweb.org/downloadfile.asp?ID=4955)

Mr. Kameron Rinehar, Dr. Amanda Bowling, & Dr. Jera Niewoehner-Green  
The Ohio State University

[Agricultural Leadership Publications: Where Can They Be Found?](http://aaae.agedweb.org/downloadfile.asp?ID=5081)

Sarah Bush, Lauren Cline, D. Adam Cletzer, 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](http://aaae.agedweb.org/downloadfile.asp?ID=5027)

Ginger Orton, Dr. Courtney Meyers, Dr. Laura Fischer, Dr. David Doerfert  
Texas Tech University

[An Analysis of the Early Career Faculty Mentorship Network](http://aaae.agedweb.org/downloadfile.asp?ID=5092)

Lauren Quinlan, Lauren Cline, & Quisto Settle  
Oklahoma State University

[An Examination of the Differences Among White and Racial Minority Students’ Motivations to Pursue a Baccalaureate Degree in Agriculture](http://aaae.agedweb.org/downloadfile.asp?ID=5068)

Allison Spillman, Dr. Richie Roberts, Annabell Lang  
Louisiana State University

[Analyzing Predictors of Postsecondary Agricultural Education Students’ Attitudes Toward Lesbian and Gay Identities](http://aaae.agedweb.org/downloadfile.asp?ID=5009)

Eric M. Moser, Stacy K. Vincent  
University of Kentucky

[Assessing Sense of Belonging in First Generation Students at an Agricultural University](http://aaae.agedweb.org/downloadfile.asp?ID=5073)

Hannah L. Ford, Jason Headrick  
Texas Tech University

[Available and Desired Agricultural Laboratories in Indiana SBAE Programs](http://aaae.agedweb.org/downloadfile.asp?ID=5001)

Dr. Sarah E. LaRose, Miranda McGuire, & Melissia A. Grant  
Purdue University

[Bon Appétit: An Investigation of the Motivations Underlying Texas College Students’ Food Choices](http://aaae.agedweb.org/downloadfile.asp?ID=5091)

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

[Building A Bridge for Agriculture Education Programs: Community Needs Assessment for Agriculture and Natural Resources](http://aaae.agedweb.org/downloadfile.asp?ID=4946)

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

[Building Environmental Literacy through Rain Garden Education in the SBAE Classroom](http://aaae.agedweb.org/downloadfile.asp?ID=4912)

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

[Can you Believe This? College Students’ Ability to Identify Fake News on Agricultural Topics](http://aaae.agedweb.org/downloadfile.asp?ID=4896)

Mary Katelynn Horton, Dr. Courtney Gibson, Dr. Laura Fischer, & Dr. Todd Chambers  
Texas Tech University

[Closing the Gap with YAP: Utilizing YAP to Help Minimize an Achievement Gap](http://aaae.agedweb.org/downloadfile.asp?ID=4891)

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

[College Students’ Perceptions of Their Own Ability Versus Their Peers’ Abilities to Identify Fake News on Agricultural Topics](http://aaae.agedweb.org/downloadfile.asp?ID=4897)

Mary Katelynn Horton, Dr. Courtney Gibson, Dr. Laura Fischer, & Dr. Todd Chambers  
Texas Tech University

[Colombian Rural College Students’ Perceptions of an International Internship Experience in Agricultural Science](http://aaae.agedweb.org/downloadfile.asp?ID=4940)

Carlos Parra - Neil Knobloch  
University of Caldas - Purdue University

[Comparing Challenges Faced by School-Based Agricultural Education Teachers by Region](http://aaae.agedweb.org/downloadfile.asp?ID=4934)

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

[Covering Climate Change: A Content Analysis of the Progressive Farmer Magazine](http://aaae.agedweb.org/downloadfile.asp?ID=4970)

Ginger Orton  
Texas Tech University

[Determining the professional development needs of students using an Augmented Reality welding system](http://aaae.agedweb.org/downloadfile.asp?ID=4883)

Lourdez Garza, Ryan Anderson, Bradley Borges & 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.](http://aaae.agedweb.org/downloadfile.asp?ID=5030)

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

[Developing School-Based Agriculture Education Through School Gardens to Cultivate Intellect among Elementary School Pupils in Rural Uganda](http://aaae.agedweb.org/downloadfile.asp?ID=4996)

Samuel Ikendi  
Iowa State University

[Differences in Safety Instruction Confidence among School-based Agricultural Education Teachers by Gender](http://aaae.agedweb.org/downloadfile.asp?ID=4977)

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

[Digging Deeper: A Closer Look at Mental Health in Rural Agricultural Communities](http://aaae.agedweb.org/downloadfile.asp?ID=5062)

Peyton Thomas; Dr. A. Brant Poe; Dr. J. Chris Haynes; Dr. Rudy Tarpley; Dr. T. Wayne Atchley  
Tarleton State University 

[Disability Awareness of Agricultural Education Students](http://aaae.agedweb.org/downloadfile.asp?ID=4929)

Regan Culp, Dr. Gaea Hock, & Dr. Jon Ulmer  
Kansas State University

[Due for Review: A Timely Look at Industry Perspective Impact on Agricultural Program Development](http://aaae.agedweb.org/downloadfile.asp?ID=5097)

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

[Early Career Teachers’ Struggles with Lack of Practical Skills](http://aaae.agedweb.org/downloadfile.asp?ID=4938)

Dr. Maggie R Pfeiffer Salem, Dr. Will L. Doss, Dr. Edward W. Romero, and Dr. 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](http://aaae.agedweb.org/downloadfile.asp?ID=5026)

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](http://aaae.agedweb.org/downloadfile.asp?ID=4907)

Kaitlyn Anderson, Ryan Anderson, & 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](http://aaae.agedweb.org/downloadfile.asp?ID=4944)

Catherine E. Sanders, Alexa J. Lamm  
University of Georgia

[Examining Illinois Agriculture Teachers Perceptions of Compensation and the 3 Circles Grant](http://aaae.agedweb.org/downloadfile.asp?ID=4998)

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

[Examining Illinois School Administrators' Perceptions of a Teacher 3 Circles Grant Program](http://aaae.agedweb.org/downloadfile.asp?ID=5112)

Steven Still, Jay Solomonson, 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](http://aaae.agedweb.org/downloadfile.asp?ID=4992)

Mr. Jonathan Moules, Dr. Steven J. Rocca and Dr. Avery Culbertson  
California State University, Fresno

[Examining the Leadership Attitudes and Beliefs and Leadership Identity Development of College of Agriculture and Life Sciences Undergraduate Students](http://aaae.agedweb.org/downloadfile.asp?ID=5114)

Makenna Wilson & Sarah Bush  
University of Idaho

[Faculty and Staff Award Recipients’ Perceived Value of a PK-12 Awards Program](http://aaae.agedweb.org/downloadfile.asp?ID=4964)

Sarah Thies, Neil A. Knobloch, Christine Wilson & Ryan Kornegay  
Purdue University

[Food Labeling: An Examination of Bioengineered Food Disclosures](http://aaae.agedweb.org/downloadfile.asp?ID=5035)

Madison Dyment, Joy Rumble, Brandon McFadden  
The Ohio State University, University of Delaware

[From Privilege to Advocacy: The Cultural Growth Experienced by Secondary Agricultural Education Teachers During an International Experience to Costa Rica](http://aaae.agedweb.org/downloadfile.asp?ID=5078)

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

[Gearing Up for Green: Faculty Perceptions of Preservice Teacher Preparation in Renewable Energy](http://aaae.agedweb.org/downloadfile.asp?ID=4927)

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

[Heterosexist Ideologies Present in Post-Secondary Agricultural Education Students](http://aaae.agedweb.org/downloadfile.asp?ID=5008)

Eric M. Moser, 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](http://aaae.agedweb.org/downloadfile.asp?ID=4930)

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

[Improvisation for Agricultural Communicators: Using Reflections to Investigate the Effect of Role-Play On Students’ Empathy Development](http://aaae.agedweb.org/downloadfile.asp?ID=5067)

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

[Incorporating Biotechnology into a High School Curriculum](http://aaae.agedweb.org/downloadfile.asp?ID=5042)

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

[Informed and Prepared: An Analysis of Information Sources [State] Residents Used During Winter Storm Uri](http://aaae.agedweb.org/downloadfile.asp?ID=5059)

Kayla Powers, Ginger Orton, Dr. Laura Fischer, Dr. Cara Lawson  
Texas Tech University

[It’s Harder Than You Think: International Graduate Students’ Academic Adjustment Struggles in the Agricultural Education Programs in the U.S.](http://aaae.agedweb.org/downloadfile.asp?ID=4978)

Shuyang Qu, Fally Masambuka-Kanchewa  
Iowa State University

[Leadership Attitudes and Beliefs at an HSI](http://aaae.agedweb.org/downloadfile.asp?ID=4904)

Steven Boot Chumbley, Leslie Dominguez, 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](http://aaae.agedweb.org/downloadfile.asp?ID=5048)

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

[Liberian Teachers’ Intention to Implement Student-Centered Instruction Post-Training](http://aaae.agedweb.org/downloadfile.asp?ID=5032)

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

[Like, Comment, and Share: What Content Drives Engagement on the AAAE Facebook Page?](http://aaae.agedweb.org/downloadfile.asp?ID=4876)

Dylan Davidson & Dr. Courtney Meyers  
Texas Tech University

[Linguistic Diversity: One Piece of the Puzzle to Greater Inclusion in FFA](http://aaae.agedweb.org/downloadfile.asp?ID=5070)

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

[Measuring Global Service-Learning Alumni Facebook Communication](http://aaae.agedweb.org/downloadfile.asp?ID=5017)

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

[Metronormativity: A Philosophical Understanding of the Masking of Rural LGBTQ+ Agriculture Teachers’ Lived Experiences](http://aaae.agedweb.org/downloadfile.asp?ID=5039)

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

[Nebraska Conventional Farmers' Perspectives Toward Agricultural Hemp](http://aaae.agedweb.org/downloadfile.asp?ID=5072)

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

[Oklahoma School-Based Agricultural Education Teachers’ Engagement in Production Agriculture](http://aaae.agedweb.org/downloadfile.asp?ID=5096)

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

[Positionality of Teachers regarding IDE Professional Development in SBAE](http://aaae.agedweb.org/downloadfile.asp?ID=4909)

Matthew Wood, Tyson Sorensen & Michelle Burrows  
Utah State University

[Pronoun Preparedness of Preservice, School-Based Agricultural Education Teachers: Baseline Analysis of Their Knowledge and Preparedness Regarding Gender Pronouns](http://aaae.agedweb.org/downloadfile.asp?ID=4979)

Tyler Price and Dr. 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](http://aaae.agedweb.org/downloadfile.asp?ID=4939)

Rachelle Andreatta and Travis Park  
North Carolina State University

[SBAE Teacher Attitudes regarding the Utilization and Implementation of Culturally Relevant Education Practices](http://aaae.agedweb.org/downloadfile.asp?ID=4925)

Matthew Wood, Tyson Sorensen & Michelle Burrows  
Utah State University

[Talking Soil Health: Sources for Disseminating Soil Health Information to Kansas Producers](http://aaae.agedweb.org/downloadfile.asp?ID=5038)

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

[Teach Ag Tuesday: Increasing Content Knowledge and Fostering Mentorship](http://aaae.agedweb.org/downloadfile.asp?ID=5113)

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

[Teacher Supply - Looking for the Whole Story](http://aaae.agedweb.org/downloadfile.asp?ID=4941)

Michael Spiess  
California State University, Chico

[Teachers' Perceptions of Students' Views on Agriculture and Agricultural Careers](http://aaae.agedweb.org/downloadfile.asp?ID=4983)

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

[The 1619 Project: Utilizing the Theory of Planned Behavior to Enhance Preservice Agricultural Science Educators’ Perception of Multiculturalism](http://aaae.agedweb.org/downloadfile.asp?ID=4917)

Caleb M. Hickman, Dallas L. Cooks, Dr. Stacy K. Vincent  
University of Kentucky

[The emergence of Youth-Adult Partnership on Native American Reservations](http://aaae.agedweb.org/downloadfile.asp?ID=5025)

Hunter-Anne Julian, Dr. Stacy K. Vincent  
University of Kentucky

[The Impact of Differing Survey Methodologies on Response Rate](http://aaae.agedweb.org/downloadfile.asp?ID=5019)

Jonathan D. Ulmer and Jaclyn Tweeten  
Kansas State University

[The Resiliency of Gay Men in Agriculture Science Education](http://aaae.agedweb.org/downloadfile.asp?ID=5082)

Caleb M. Hickman, Dr. 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](http://aaae.agedweb.org/downloadfile.asp?ID=5011)

Aaron Golson, Dr. James Anderson II  
University of Georgia

[Understanding Research Priorities and Criteria Affecting Decisions for Cotton Production in the United States: A Content Analysis](http://aaae.agedweb.org/downloadfile.asp?ID=5071)

Madalynn Kainer, Dr. Holli Leggette, Dr. Thomas Chappell, Jean Parrella  
Texas A&M University

[Understanding the Motivating Factors and Limitations of Volunteering Among College of Agriculture and Natural Resource Students](http://aaae.agedweb.org/downloadfile.asp?ID=5058)

Jason Headrick, Shelby Shank  
Texas Tech University

[Unmasking audiences: A cluster analysis of Ohio 4-H parents’ beliefs about mask wearing](http://aaae.agedweb.org/downloadfile.asp?ID=4948)

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

[Upcoming Food Innovations: A Delphi Study](http://aaae.agedweb.org/downloadfile.asp?ID=4947)

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

[Using the Gregorc Style Delineator to demonstrate students learning style](http://aaae.agedweb.org/downloadfile.asp?ID=5016)

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

[Was #EndSpeciesism a Fumble? An Investigation of the Public’s Perceptions of PETA’s Message Framing Strategy During Super Bowl LIV](http://aaae.agedweb.org/downloadfile.asp?ID=5098)

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

[What Do They Trust? An Exploration of Trust in Science and Views of Climate Change](http://aaae.agedweb.org/downloadfile.asp?ID=5018)

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

[Who’s Involved and Who Isn’t? A Demographic Study of Senior FFA Members](http://aaae.agedweb.org/downloadfile.asp?ID=4862)

Stephen M. McBride & Dr. B. Allen Talbert  
Purdue University

[Youth and Family Assets Across Texas Communities](http://aaae.agedweb.org/downloadfile.asp?ID=5005)

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