

RESEARCH PAPER SESSIONS

Session 1 (General Session) – Monday, May 16 -5:00 – 6:30 pm

Session: Distinguished Manuscripts

Location: Century Ballroom

Discussant: Dr. John Rayfield
Facilitator: Dr. Jay Solomonson

Storying Outdoor Youth Education: A Historical Narrative of the Louisiana 4-H Camping Movement
Adam M. O'Malley and Dr. Richie Roberts

Exploring How Relational Motivations of Extension Educators Influence Mentoring Relationships
Dr. Ashley Mueller, Dr. Jon Simonsen and Dr. Rebecca Mott

Farmers' Motivation for Learning and Developing New Skills
Dr. Suzanna Windon and Carolyn Henzi

Describing Ingroup Prejudices Exhibited by School-Based Agricultural Education Teachers and Prejudice Predictive Demographics
Colby Gregg and Dr. Amanda Bowling

Teacher Expectancy: A Quasi-Experimental Evaluation of Secondary Student Performances in Single Sex Classrooms
Dr. Stacy K. Vincent and Brett M. Wasden

Session 2 – Tuesday, May 17 – 8:30 – 10:00 a.m.

Session A: SBAE Careers

Location: Red Carpet

Discussant: Dr. Daniel Foster
Facilitator: Natalie Vaz

What Motivates Agricultural Educators to Stay in the Profession? A Quantitative Analysis of Factors Influencing Educators' Decision to Remain a Classroom Teacher
Dr. John William Norris and Dr. Kirk A. Swartzel

Principals' Perceptions on Implementing Extended Contracts
Kendra Flood and Dr. Kevin W. Curry Jr.

How to Get to Implementation: Principals' Decision-making Process of Implementing Extended Contracts for Agriculture Teachers
Kendra Flood and Dr. Kevin W. Curry Jr.

We've Crossed a Line: A Philosophical Examination of Systemic Implications Surrounding SBAE Teachers' Attempts at Boundary Setting
Dr. Becky Haddad, Dr. Haley Q. Traini, and Dr. Aaron McKim

Session B: Agricultural Education

Location: Wine

Discussant: Dr. Kasee Smith
Facilitator: Brett Milliken

Teaching Systems Thinking Using Hypothetical Case Scenarios: An Exploration in Agricultural and Natural Resource Education
Catherine E. Sanders, Allison R. Fortner, Kristin E. Gibson, Dr. Kevan W. Lamm, and Dr. Alexa J. Lamm

SAE Experiences of Novice Agriculture Teachers: A Longitudinal Qualitative Collective Case Study
Dr. Brandie Disberger, Dr. Shannon Washburn, Dr. Gaea Hock, and Dr. Jonathan Ulmer

Lead Teacher Perspectives of Virtual CASE Institute Professional Development

Dr. Amber H. Rice, Dr. Laura Hasselquist, and Dr. Scott Smalley

Experiential Learning in Agricultural Education: A Philosophical Discussion

Bradley M. Coleman, Dr. J.C Bunch, and Dr. T. Grady Roberts

Session C: Academic Interventions

Discussant: Dr. OP McCubbins

Facilitator: Kayla Marsh

Location: Green Country

Teachers' Perceptions of Integrating Science Within the SBAE Curricula

Natalie K. Ferand, Jyothi Swaroop Bommidi, Dr. Catherine A. DiBenedetto, and Dr. Brian E. Myers

Purposeful STEM Integration in School-Based Agricultural Education Programs

Dr. Christopher J. Eck, Kristopher Rankin III, and Dr. J. Shane Robinson

Integrating Virtual Reality Technology into Beginning Welder Training Sequences

Brittney Heibel, Dr. Ryan Anderson, Dr. Marshall Swafford, and Bradley Borges

Perceptions of Female Instructors in a Post-Secondary Welding Course

Kjersti Clawson, Dr. Michael Pate, Dr. Tyson Sorensen, and Dr. Don Edgar

Session D: Youth Development

Discussant: Dr. Travis Park

Facilitator: Kirby Schmidt

Location: Great Plains

"It's Engrained in Them...Education Doesn't Matter": Empowering Youth in Kentucky Coal Mining Communities

Mallory E. McDonald, Caleb M. Hickman, Dr. Stacy K. Vincent, and Andrea T. Kirby

The Influence of Same-Sex Secondary Agricultural Education Classrooms on Student Career Interests: A Quasi-Experimental Design

Brett M. Wasden, Dr. Stacy K. Vincent, and Eric M. Moser

Exploring Agricultural Education Students' Modes of Informal Reasoning Regarding an Agricultural Socioscientific Issue

Dr. Sarah Cross and Dr. Sami Kahn

Youth Leadership Development: A Synthesis of Literature

Brittney Heibel, Hannah Boyer, Kayra Tasci, Kayla Ayala, and Dr. Ryan Anderson

Session E: Women in Agriculture

Discussant: Dr. Kim Dooley

Facilitator: Katrina Swinehart-Held

Location: Kiamichi

Black Doctoral Women's Socialization Experiences in Agricultural Science and Education Departments

Dr. Torrie A. Cropps

Casting a Critical Lens on Thailand's Higher Education System: A Case Study of Women's Experiences as Agricultural Extension Faculty

Dr. Morgan A. Richardson Gilley, Dr. Richie Roberts, Dr. Kristin S. Stair, and Dr. J. Joey Blackburn

Female Agriculture Teachers' Lived Experiences and Perceived Professional Development Needs when Teaching Students with Special Needs

Raegan Ramage, Dr. Kristin S. Stair, Dr. Richie Roberts, and Dr. J. Joey Blackburn

The Intersection of Gender, Media, And Policy: A Qualitative Analysis on Thai Newspaper Coverage of Women in Agriculture

Dr. Morgan A. Richardson Gilley, Dr. Richie Roberts, Dr. J. Joey Blackburn, and Dr. Kristin S. Stair

Session F: Cultural Concerns

Location: Frontier

Discussant: Dr. Shannon Washburn

Facilitator: Colby Gregg

The One-Way (Agri)Cultural Mirror: A Case Study of How Young Agricultural Leaders Understand and Experience Culture

Janiece Pigg, Dr. Kristin S. Stair, Dr. Richie Roberts, and Dr. J. Joey Blackburn

Attitudes and Professional Development needs of School-Based Agricultural Education Teachers Related to Inclusion, Diversity, and Equity

Matthew Wood, Dr. Tyson Sorensen, and Dr. Michelle Burrows

A Philosophical Approach to Obtaining Multicultural Autonomy as an Agricultural Educator

Dr. Stacy K. Vincent and Dr. Donna Westfall-Rudd

An Evaluation of Social Semiotics Within Secondary Agriculture Textbooks

Tara E. Rojas and Dr. Stacy K. Vincent

Session 3 – Wednesday, May 18 – 10:15 – 11:45 a.m.

Session A: Food & Water Concerns

Location: Red Carpet

Discussant: Dr. Rama Radhakrishna

Facilitator: Carson Letot

EFNEP Program Characteristics by Region in the United States

Alexandria McLeod, Casandra Cox, Dr. Jill Rucker, and Dr. Debra Head

A Historical Examination of Food Labeling Policies and Practices in the United States: Implications for Agricultural Communications

Rexanna Powers and Dr. Richie Roberts

Consumer Evaluation of Functional Foods: A Conceptual Framework for Understanding Consumer Acceptance of Food Health Innovations

Dr. Matt Baker, Dr. Peng Lu, Jean Parrella, and Dr. Holli Leggette

Scarce Water in Site: A Content Analysis of News Coverage of the Sites Reservoir Project

Dr. Cara Lawson, Richard Austin-Castillo, and Lauren LaGrande

Session B: Curricular Needs

Location: Wine

Discussant: Dr. Jon Ramsey

Facilitator: Amy M. González-Morales

HEARING: Hearing Education in Agriculture: Re-evaluating Interest, Needs, and Growth

Garrett T. Hancock, Dr. Jason McKibben, Dr. Christopher Clemons, and Dr. James Lindner

A Comparison of Curricular Resource Use of Florida School-Based Agricultural Education Teachers by Career Stage

Brooklynn Hall, Dr. R. G. (Tre) Easterly III, and Dr. Debra M. Barry

SBAE Teachers' Perceptions, Needs, and Barriers to Teaching Socioscientific Issues

Dr. Michelle S. Burrows, Dr. Tyson J. Sorensen, and Sarah Ware

Secondary Agricultural Education Instructors' Perceived Importance and Ability when Accommodating Students with Special Needs

Raegan Ramage, Dr. Kristin S. Stair, Dr. J. Joey Blackburn, and Dr. Richie Roberts

Session C: State and National Models

Location: Green Country

Discussant: Dr. Amber Rice

Facilitator: Jillian Ford

The Dualism of Interdisciplinarity: A Model for Agriculture, Food, and Natural Resources Education

Dr. Aaron J. McKim

Core Academic Offerings in Michigan Agriculture, Food, and Natural Resources Education Programs

Josephine Forbush, Dr. Aaron J. McKim, and Dr. R. Bud McKendree

A National Review of State Standards Relevant to SBAE Teacher Performance and Program Quality

Dr. Haley Q. Traini, Dr. Richie Roberts, Dr. Ed Osborne, Dr. Travis Park, and Dr. Ashley Yopp

An Experiment on the Effects of Response Mode and Incentives on Survey Response Rates

Dr. Will Doss, Dr. John Rayfield, Dr. David Lawver, and Dr. Scott Burris

Session D: Student Perceptions

Location: Great Plains

Discussant: Dr. Boot Chumbley

Facilitator: Katie Sanders

Agriculture Majors' Perceptions of Studying Agriculture: A Q Method Examination

Dr. Kasee L. Smith, Emma Winkle, Chrissy Hofgen, Hannah Ruth Pettyjohn, James Uhlenkott, Kiera Packer, Sarah Stevenson, Bobbie Sharp, and Abby Zurcher

A Snapshot Semester: Students' Reflections of Performance and Mental State throughout a Graduate Course

Bradley D. Borges, Dr. Catherine W. Shoulders, Dr. Donald M. Johnson, Dr. K. Jill Rucker, and Dr. Vinson R. Carter

Student Teachers' Perceptions of Motivation, Independence, and Supervision Preferences

Natalie K. Ferand, Bradley M. Coleman, and Dr. J.C. Bunch

Best Practices for Mentoring: Cooperating Teacher & Student Teacher Perspectives

Heather Nesbitt, Dr. Debra Barry, Dr. John Diaz, and Dr. Kati Lawson

Session E: Curriculum Interventions

Location: Kiamichi

Discussant: Dr. Edward Franklin

Facilitator: Dr. Justin Pulley

Designing Arduino Instruction for Novice Agriculture Students using Program Evaluation Theory: Effects on Interest, Self-Efficacy, and Knowledge

Dr. Donald M. Johnson, Dr. Michael B. Pate, Dr. Chris M. Estepp, Dr. George W. Wardlow, and Grant T. Hood

A Case Study: Agricultural Literacy Proficiency in a Iowa Elementary School

Amelia Miller, Dr. Brian Warnick, and Dr. Debra Spielmaker

A Three-Year Examination of Attitudes and Behaviors During a Secondary Agricultural Curriculum Intervention

Caleb M. Hickman, Hunter A. Julian, Dr. Stacy K. Vincent, Brett M. Wasden, Dr. Joan Mazur, Dr. Kang Namkoong, and Dr. A. Preston Byrd

Identifying the Relationship Between Augmented Reality Welding Instruction and Welding Performance

Jacob Ramos, Dr. Ryan Anderson, Dr. Marshall Swafford, and Bradley Borges

Session F: Land-Grant Concerns

Location: Frontier

Discussant: *Dr. Craig Edwards*

Facilitator: Jenny Bennett

Cultivating Black Leaders for Rural Communities: A Case Study of a Leadership Development Program at an 1890 Land-Grant Institution

Dr. Krystle J. Allen, Dr. Richie Roberts, Dr. Michael F. Burnett, and Dr. J. Joey Blackburn

Evaluating Student Outcomes from a College of Agriculture and Life Sciences Leadership Development Program

Dr. Robert Strong, Dr. Jennifer Strong, Karissa Palmer, and Bailee Jo Miller

It's Complicated: Exploring the Internal Land-Grant Brand At Oklahoma State University

Audrey E. H. King, Dr. Quisto Settle, and Dr. Dwayne D. Cartmell II

Implementing a Needs Assessment to Evaluate Extension Agent Onboarding and Training

Kelsey J. Joseph, Dr. Josh Stewart, and Dr. Haley Q. Traini

Session 4 – Wednesday, May 18 – 3:00 – 4:30 p.m.

Session A: Teacher Engagement

Location: Red Carpet

Discussant: Dr. Brian Myers

Facilitator: Michelle Burrows

Determining Perceived Influence of Challenges Faced by School-Based Agricultural Education Teachers on Their Ability to do Their Job

Dr. Will Doss, Dr. John Rayfield, and Dr. David Lawver

Changes in Teacher Identity and Sense of Belonging among First-Year SBAE Teachers in Utah

Kjersti Clawson and Dr. Tyson Sorensen

Examining How Alternatively Certified Teachers Participate in Agricultural Education Community of Practice

Dr. Kellie Claflin, Dr. Josh Stewart, and Dr. Haley Q. Traini

What is in it for me: Reasons to Join the Teachers' Professional Association

Dr. Misty D. Lambert and Jillian Casey Ford

Session B: Global Engagement

Location: Wine

Discussant: Dr. Gary Briers

Facilitator: KJ Joseph

Cultivating Pedagogical Content Knowledge in Global Agriculture: Assessing Educator Perceptions of Global Issues in the WPFGlobalGuides Program

Carson Letot, Dr. Daniel Foster, Dr. Melanie Miller Foster, Dr. Laura Rice, Joe Cho, Dr. OP McCubbins, and Dr. Tobin Redwine

Impact of a Study Abroad Course to Mexico in Helping Pre-Vet Students Affirm Their Career Aspirations to Become Veterinarians: A Qualitative Inquiry

Dr. Jose M. Uscanga, Dr. M. Craig Edwards, Dr. J. Shane Robinson, Dr. Rob Terry, and Dr. Udaya Desilva

Influencing the Next Agriculturalists: Impacts of Study Abroad Experiences in Ag Ed Classrooms

Dr. Alyssa Degreenia, Dr. Joy Morgan, and Dr. Melissa Hendrickson

Covering Climate Change: A Content Analysis of Agricultural Magazines

Ginger Orton, Dr. Courtney Meyers, Dr. David Doerfert, and Dr. Laura Fischer

Session C: COVID-19

Location: Green Country

Discussant: Dr. Courtney Gibson

Facilitator: Hannah Parker

Teacher Perceptions of Administrator Actions in COVID-19 and Its Impact on Emotional Exhaustion: A Moderation Analysis of Teacher Self Efficacy

Colby Gregg, Katrina Swinehart-Held, Justin Pulley, Stephanie Jolliff, Dr. Amanda Bowling, and Dr. Tracy Kitchel

School-based agricultural education teachers' lived experiences and motivational factors amid COVID-19

Colby Gregg, Dr. Amanda Bowling, and Rachael Ramsier

What Explained Nonprofit Organizations' Satisfaction with Volunteer Retention During the COVID-19 Pandemic?

Dr. Suzanna Windon, Daniel Robotham, and Dr. Ann Echols

A Content Analysis of Crisis Response by Agricultural News During the COVID-19 Pandemic

Makenzie Neves, Dr. Erica Irlbeck, Dr. David Doerfert, and Lisa Low

Session D: SBAE Technical Skills

Location: Great Plains

Discussant: Dr. Aaron McKim

Facilitator: Dr. Tyler Granberry

A Quantitative Analysis of Consistency Between CTE Administrators on the Importance of Employability Skills Integration into Agricultural Education

Dr. John William Norris and Dr. Kirk A. Swortzel

Factors Influencing the Teaching of Livestock Production within Arizona School-Based Agricultural Education

Montana Arnold and Dr. Amber H. Rice

What Technical Agriculture Skills Do Teachers Need to Teach Courses in the Animal Systems Pathway?

Dr. Trent Wells, Dr. Jay Solomonson, Dr. Mark Hainline, Dr. Bryan Rank, Dr. Matthew Wilson, Dr. Skyler Rinker, and Dr. Steven "Boot" Chumbley

What Technical Agriculture Skills Do Teachers Need to Teach Courses in the Plant Systems Pathway?

Dr. Jay K. Solomonson, Dr. Trent Wells, Dr. Mark S. Hainline, Dr. Bryan D. Rank, Dr. Matthew Wilson, Dr. Skyler P. Rinker, and Dr. Steven "Boot" Chumbley

Session E: Agricultural Communications

Location: Kiamichi

Discussant: Dr. Robert Strong

Facilitator: Amy Lemans

Interviewing Influencers: Instagram Influencers As A Crisis Communication Tool

Makenzie Neves, Dr. Erica Irlbeck, Dr. David Doerfert, and Lisa Low

An Examination of Extension Video Producer's Training, Background, and Attitudes

Dr. Austin Moore, Dr. Erica Irlbeck, Dr. Courtney Meyers, Dr. Lindsay Kennedy, Dr. Coy Callison, and Ch'ree Essary

Influence of Attitudes and Topic Importance on Selective Exposure to Agricultural Messages: A Logistic Regression Analysis

Skylar Elmore, Dr. Courtney Meyers, Dr. Laura Fischer, Dr. Scott Burris, and Dr. Amber McCord