SOUTHERN REGION CONFERENCE OF THE



2019 PROGRAM

HELD IN CONJUNCTION WITH THE MEETING OF THE SOUTHERN ASSOCIATION OF AGRICULTURAL SCIENTISTS (SAAS)



February 2 - February 5, 2019 - Birmingham, AL

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Saturday, February 2 nd			
3:00 – 6:00 p.m.	Registration, Ballroom Prefunction (SBH-1)		
Sunday, February 3 rd			
7:45 – 8:45 a.m.	Graduate Student Breakfast , Forum J (FB-3) (pre-registered graduate students)		
8:00 – 10:00 a.m.	Registration, Ballroom Prefunction (SBH-1)		
8:00 – 9:30 a.m.	Coffee, Tea and Bagels, Ballroom Prefunction (SBH-1)		
8:45 – 9:15 a.m.	Vespers, Birmingham Ballroom 1 (SBH-1) Stephen Edwards, University of Mount Olive		
9:30 – 10:00 a.m.	Agricultural Education Opening Session, Birmingham Ballroom 1 (SBH-1)		
10:15 – 11:45 a.m.	Concurrent Research Session I – 15 minute presentations, 15 minutes of discussion		
	ty and Inclusion, East Meeting Room B (BJCC-1)		
Discussant and Chair: Jason Peake Facilitator: Olivia Watson			

Barriers, Challenges, and Alternatives of Recruiting Minority Students into Secondary School Agriculture Education Programs, K. S. U. Jayaratne, Travis Park, Jason Davis

Women Faculty in Postsecondary Agricultural and Extension Education: A Fifteen Year Update, Lauren Lewis Cline, Dr. Haley Rosson, Dr. Penny Pennington Weeks

Empowering Underrepresented Populations in STEM: Experiences of Agricultural Education Majors During a Service-Learning Project, Dr. Richie Roberts, Dr. Chastity Warren English, Dr. Antoine J. Alston

Session B – Professional and Institutional Improvement, East Meeting Room D (BJCC-3)

Discussant and Chair: Ed Osborne Facilitator: Daniel Radford

There's No Place Like Home: Why Students Enrolled in an Agricultural Leadership Degree Completion Program, Dr. Penny Pennington Weeks, Dr. William G. Weeks, Lauren Lewis Cline

Does Experiential Learning Improve Student Performance in an Introductory Animal Science Course?, Dr. Eric D. Rubenstein, Savannah R. White, Dr. C. Robert Dove, Dr. T. Dean Pringle

Coauthor Network Analysis of Journal of Agricultural Education Articles from 2008-2017, Quisto Settle, Kathryn L. Teixeira, Rachel Bechtold, Catherine W. Shoulders, Audrey E. H. King

Session C – Community and Local Issue Engagement, East Meeting Room C (BJCC-1)

Discussant and Chair: Craig Edwards Facilitator: Christopher Eck

Why do Growers Adopt Water Conservation Practices? Viewing Extension Opportunities through a New Lens, Dr. Laura Warner, Dr. Alexa Lamm, Dr. Sarah White, Dr. Paul Fisher, Peyton Beattie

Combining School-Community Partnerships and Entrepreneurship in an Agricultural Marketing Curriculum: The Students' Perspective, Brooke Griggeory, Dr. Stacy K. Vincent, Dr. Carol D. Hanley, Dr. Daniel W. Kahl

The Influence of Demographic Variables on Community Members' Perceptions of Community Viability, Chantel Simpson, Lane Woodward, Rachel Mack, Asha H. Shayo, Dr. Sarah A. Bush, Dr. Rick Rudd

12:00 – 1:30 p.m. Luncheon and introduction of graduate students and new faculty, Forum J (FB-3)

1:30 – 2:30 p.m. Committee Meetings –

Membership Services, East Meeting Room K (BJCC-3) Program Improvement, East Meeting Room F (BJCC-3) Professional Development, East Meeting Room E (BJCC-3)

Research, East Meeting Room J (BJCC-3)

2:30 – 3:30 Refreshment Break with Poster Session, Ballroom Prefunction (SBH-1)

Sponsored by Clemson University

2:45 – 4:00 p.m. Innovative Poster Session, Ballroom Prefunction (SBH-1)

A Bully-Free World, LaToya Browk, Donna J. Peterson, Alisha Hardman, & Kirk A. Swortzel

A Novel Educational Experience: A Hybrid Lab Course In a Microbiology Major, Macarena Urrets-Zavalia, Sebastian Galindo-Gonzalez, Jennifer C Drew, Alexandria N Ardissone, Monika W Oli, Kelly C Rice, Associate, & Eric W Triplett

Agricultural Mechanics for Non-Traditional Students, Natalie Kincy Ferand & Andrew C. Thoron

Agriscience Fair Jackpot: An Outreach Activity to Attract Science-minded Secondary Agriculture Students to an 1890 Land-grant University, John Ricketts

Agriscience Teacher Education Symposium, Debra Barry & Dr. Andrew Thoron

An Experiential Learning Approach to Improving Multicultural Education Among Preservice Teachers, Brett M. Wasden, Sarah Warren, & Stacy K. Vincent

Andragogical Lessons Learned from the Stockyards Beef Learning Series, Sarah Warren & Dr. Rebekah B. Epps

Bridging the Mandate Gap: Creating an Innovative Online Platform to Guide Teachers in Supervising Foundational SAEs, Marshall A. Baker, J. Shane Robinson, & Jon Ramsey

Building Agricultural Leadership Through Policy Explorations, Daniel Radford, Joy Morgan, & Blake Brown

Community Supported Agriculture for Floral Design, Natalie Kincy Ferand & Andrew C. Thoron

Differentiating Teaching Philosophies, Jason Bullock, Susan Jones, & Wendy J. Warner

Diffusing Educational Best Practices Adopted by Peace Corps Volunteers to U.S. Agricultural Educators, Tegan Walker & James Lindner

Equine Vaccinations: A "Ready-made" Lesson for 4-H Youth, Sarah Bagley & Dr. Shane Robinson

Exploring My World: A Cultural Awareness Curriculum, Emily Cox, Julie Sexton, Kirk Swortzel, Tommy Phillips, & Susan Seal

Food and My Story: An Exercise in Diversity Consciousness, Cammie Weaver, Penny Pennington Weeks, & William Weeks

Georgia Agricultural Education Partners for Pollinators, Ashton Wheeless, Ami Harrington, Ashley Yopp, & Barry Croom

Implementation of Video-Based STEM Curriculum Marketed Through Social Media, Haley Kinney, Kristin Knight, Hannah Branscum, & Jeff Sallee

Inclusion of Special Education Students in Agricultural Education Through Cooperative Learning, Bradley Coleman & J.C. Bunch

Lets Recap!: Using a Popular Smartphone Application to Facilitate Critical Reflection, Adam O'Malley, Olivia Soler, Richie Roberts, & Kristin S. Stair

Professional Development for Sustainable Bioenery Educationopment,

Katie Monroe, Beatrix Haggard, Marshall A. Baker, J. Shane Robinson, Jeff Sallee, & Gopal Kakani

Project PLANTS: Planting Middle School Leaders in Agriscience, Rachel Berube, Elizabeth Driscoll, Elizabeth Overcash, & Travis Park

Putting the "Pro" in Program: Facilitating Preservice Teachers' School-based Agricultural Education Program Development Competencies in a Youth Program Development Course, OP McCubbins & Trent Wells

Students for Cultivating Change: Developing Safe Environments for LGBTQ+ Students, Jeremy Elliott-Engel, Chelsea Corkins, Joaquin (Ryan) Amaral, Donna Westfall-Rudd, & Rick Rudd

Teach Ag Digital Escape Room, Kathryn L. Teixeira, Christopher J. Eck, Jessica M. Toombs, & J. Shane Robinson

The edTPA Planner: Providing a Roadmap for a High-Stakes Performance Assessment, Wendy J. Warner, Shelby Bireley Travis D. Park, Joy E. Morgan, & Susan Jones

The Impact of Social-Academic Experiences on In-Class Engagement, Jordan DeWitt, Chandler Mulvaney, & Nick Fuhrman

Tools and Techniques for Revising a State Extension Performance Appraisal System for Extension Agents, County Directors, and Area Extension Specialists, Joseph L. Donaldson

Using 360 Video for Teaching Performance Reflection, OP McCubbins

Using a Team-based Online Simulation to Promote Undergraduate Student Learning Outcomes in a Leadership Course on Groups and Teams, Jonathan Orsini, Austin Council, & Nicole Stedman

Using Stories and Imagery to Impact Learning in a College of Agriculture, Diane Friend

4:00 – 4:15 p.m. SAAS Business Meeting, *Forum C (FB-2)*

5:00 p.m. SAAS Reception/ Super Bowl Party

Southern Kitchen and Bar, Uptown Entertainment District 2301 Richard Arrington Jr Blvd N #300, Birmingham, AL 35203

Monday, February 4th

8:00 – 10:00 a.m. Registration, Ballroom Prefunction (SBH-1)

8:00 – 9:00 a.m. Breakfast, Ballroom 3 (SBH-1)

9:00 – 10:30 a.m. Concurrent Research Session II – 15 minute presentations, 15 minutes of discussion

Session D – Community and Civic Engagement, East Meeting Room D (BJCC-3)

Discussant and Chair: Leslie Edgar

Facilitator: Lauren Cline

Factors Impacting Civic Responsibility Development During FFA Civic Engagement Activities, Dr. Will Bird, Dr. Amanda Bowling, Dr. Anna Ball

Benefits of Using Service-Learning in the Preparation of Teachers: An Analysis of Agricultural Education Teacher Educators' Beliefs and Intentions, Dr. Richie Roberts, M. Craig Edwards, J. Shane Robinson

Agriculture Organization Members' Communication Preferences and Motivation to Contact Elected Officials about Agriculture and Natural Resources Issues, Levy Randolph, Caroline Roper, Dr. Shelli D. Rampold, Dr Ricky W. Telg

Session E – Enhancing Learning Experiences, East Meeting Room L (BJCC-3)

Discussant and Chair: Barry Croom Facilitator: Jason Bullock

Developing Metrics for Predicting Student Motivation to Enroll in a Short-Term Study Abroad Course from an Expectancy-Value-Cost Perspective, Brandon M. Raczkoski, J. Shane Robinson, M. Craig Edwards, Marshall A. Baker, Sarah R. Gordon, Ki L. Matlock-Cole

The Ugly Truth of Student-Teacher (Dis)engagement: An Ethnographic Account, Ashley M. Yopp, Billy R. McKim, Yvonna S. Lincoln

Utilizing Videos to Encourage Elaboration and Improve Attitudes Toward Fertilizer Best Practices, Tiffany M. Rogers-Randolph, Dr. Laura A. Warner, Dr. Joy N. Rumble

Session F – Secondary Based Agricultural Education, East Meeting Room J (BJCC-3)

Discussant and Chair: Brian Myers Facilitator: Annabelle Stokes

Determining the Effects of the Smartphone as a Learning Tool on the Motivation of School-Based Agricultural Education Students in Louisiana, H. Eric Smith, J. Joey Blackburn, Kristin S. Stair, Michael F. Burnett

Identifying the Characteristics Necessary for Becoming an Effective Agricultural Education Teacher: A National Study, Christopher J. Eck, J. Shane Robinson, Jon W. Ramsey, Ki L. Matlock-Cole

Teaching Students with Special Needs in School-Based, Agricultural Education: A Historical Inquiry, Kathryn L. Teixeira, Dr. M. Craig Edwards

10:30 – 11:30 a.m. Refreshment Break, Birmingham Ballroom 1 (SBH-1)

Sponsored by Auburn University

10:45 – 11:45 a.m. SR-AAAE Business Meeting Session I, Birmingham Ballroom 1 (SBH-1)

Travis Park, SR-AAAE President

12:00 – 1:30 p.m. Luncheon and Distinguished Lecture, Birmingham Ballroom 3 (SBH-1)

1:30 – 2:45 p.m. Research Poster Session, Ballroom Prefunction (SBH-1)

A Qualitative Needs Assessment of Arkansas Urban Agriculturalists, Catherine E. Dobbins, Leslie D. Edgar, Casandra K. Cox, Donna L. Graham, & Amanda P. Perez

An Assessment of Agricultural Science Teachers' Knowledge of Biotechnology and Experience through Piloting New Biotechnology Curriculum, Tanya C. Franke-Dvorak & Sue E. Nokes

Completers of a Summer Residential Program for Agriculture: Where are They Now? Abigail Hemby, Brittany Hoover, Jeremy Elliot-Engel, & Curtis Friedel

Cultural Competence: How Skilled are Students Across Majors? Candy Grant & Carla B. Jagger

Cultural Engagement Among Agriculture, Food and Life Science Honors Students, Isabel Whitehead, Casandra Cox, & K. Jill Rucker

Culturally Responsive Teaching: Experiences of Underrepresented Students, Christien Russell, Abbigail Petersen, & Carla B. Jagger

Development and Evaluation of a Variable-Frequency Drive Trainer for use in a University Agricultural Electricity Course, Colton Teekell, Patterson Hilaire, & Donald Johnson

Do Teachers Need Support to Teach Students with Specific Learning Disabilities, Kailee Morris & Catherine A. DiBenedetto

Echoes in the Void: Agriculturalists Perceptions of Communicating with Non-Agricultural Populations, Chris Clemons & James Lindner

Educational Feedback Formats: Student Perceptions in an Undergraduate Honors Research Course, Rachel Bechtold & Catherine Shoulders

Establishing Instrument Validity for the Professional Identity Scale in Agricultural Education: A Focus on the Educator's Professional Identity, Bradley D. Borges, Reagan J. Grubbs, & Catherine W. Shoulders

Establishing Instrument Validity for the Professional Identity Scale in Agricultural Educators: A Focus on the Agriculturalist's Professional Identity, Mary Samoei & Catherine Shoulders

Extension's Role in Precision Agriculture: A Case Study of Auto-Steer Adoption in [state], Patrick J. Poindexter, Annabelle Stokes, & Laura L. Greenhaw

Faculty Perspectives on and Strategies for Mentoring Underrepresented Minority Students in Research, Donna Westfall-Rudd & Hannah Scherer

Fostering Academic Success for University Agriculture Students: The Role of Social Self-Efficacy on First-Year Grade Point Average, Morgan A. Richardson, Whitney L. Figland, Adam O'Malley, Olivia Soler, Kristin S. Stair, Richie Roberts, & J. Joey Blackburn

Is 'Rural' a Risk Factor for Freshmen-to-Sophomore Non-Retention in a College of Agriculture? Isabel Whitehead, Donald Johnson, Kate Shoulders, & Leslie Edgar

Mississippi Agriculture in the Classroom Program: Through the Lens of Educators, Jessica N. Smith, Carley C. Morrison, Michael E. Newman, & Julie B. White

Poultry Labeling: Knowledge and Perceptions Among Adolescents, Eleni Parsons, K. Jill Rucker, Leslie D. Edgar, M. Betsy Garrison, & Casandra Cox

Ringing the Schoolhouse Bell: Identifying Competencies, Attitudes and Perceptions of Teacher Success and Longevity, Tegan Walker, Chris Clemons, & James Lindner

Risk and Dread Perceptions of Secondary Agricultural Student: An Exploratory Study Using the Psychometric Paradigm, Brett Wasden, Stacy K. Vincent, & Mason Tate

Teaching Enhancement through Agricultural Laboratories Workshop: Effects on Self-Efficacy Towards and Intent to Teach Simulated Laboratories, Reagan J. Grubbs, Donald M. Johnson, Catherine W. Shoulders, Donna L. Graham, & George Wardlow

The Benefits of Student-Created Plant Identification Notebooks, Tristen Brooke Johnson, Summer Lee Taylor, & Stephen Wyatt Edwards

The Effect of a Teaching in a Laboratory Setting Course on Pre-Service Teacher Self-Efficacy, Brianna N. Shanholtzer & Andrew C. Thoron

The Role of Living-Learning Communities and University Agriculture Students' Retention, Olivia Soler, Adam O'Malley, Whitney L. Figland, Morgan A. Richardson, Kristin S. Stair, Richie Roberts, & J. Joey Blackburn

Victory Gardens: Significance to 4-H, Cooperative Extension, and Agricultural Education, Emma Cannon, Barbara Kirby, & Joy Morgan

What Effect Does an Encouraging Email Have on Motivating Students for a Course Before the Semester Starts? Lauren Lewis Cline & Dr. J. Shane Robinson

What Factors Influence College Students' Proficiency for Career Readiness? Victoria C. Willis, Catherine A. DiBenedetto, & Michael Vassalos

3:00 – 4:00 p.m. Refreshment Break, East Meeting Room Area Sponsored by the University of Mt. Olive

3:00 – 4:30 p.m. Professional Development Sessions, *Each workshop will be 25 minutes in length and will be run three times.*

Review of JAE Manuscripts, Dr. Kate Shoulders *East Meeting Room E (BJCC-3)*

Qualitative and Historical Research Basics, Dr. Craig Edwards, Dr. Barry Croom *East Meeting Room G (BJCC-3)*

Quantitative Design and Frameworks, Dr. Don Johnson *East Meeting Room O (BJCC-3)*

5:00 – 7:00 p.m. Host State Social, Good People Brewing Company Sponsored by Goodheart-Willcox Publisher 114 14th St S, Birmingham, AL 35233

7:30 - 8:30 a.m.

8:30 – 9:30 a.m.

Tuesday, February 5th Breakfast, Ballroom 3(SBH-1) SR-AAAE Business Meeting Session II, Birmingham Ballroom 1 (SBH-1) Travis Park, SR-AAAE President

9:45 – 11:15 a.m. Concurrent Research Session III – 15 minute presentations, 15 minutes of discussion

Session G – Faculty Teaching and Learning, East Meeting Room J (BJCC-3)

Discussant and Chair: Shane Robinson Facilitator: Macarena Urrets-Zavalia

Perceived Self-efficacy for Teaching and Faculty Development Needs of Early Career Faculty at Land Grant Universities, Dr. Lucas Maxwell, Dr. Will Bird, Dr. Anna Ball

Exploring Learning Styles Expressed In Teaching Philosophies Among University Faculty, Tyler D'Angelo, Jessica Harsh, J.C. Bunch, Alexa J. Lamm, Andrew Thoron, T. Grady Roberts

The Rookie: Describing a Researcher's First Year Teaching in a University Classroom, Emma Winterhalter, Carley C. Morrison, Jesse I. Morrison

Session H – Undergraduate and Secondary Curriculum Development, East Meeting Room D (BJCC-3) **Discussant and Chair:** Tracy Rutherford **Facilitator:** Sharon Wagner

Undergraduate Students' Perceptions of Team-Based Learning During an Introductory Agricultural Mechanics Course: A Mixed Methods Study, Whitney L. Figland, J. Joey Blackburn, Richie Roberts

Improving Forestry Secondary Education: Identifying Teachers' Needs, Dr. Eric D. Rubenstein, Dr. Carolyn A. Copenheaver, Dr. Jason B. Peake

I think I can!: Utilizing Goal Orientations and Academic Efficacy to Predict the Academic Performance of Freshmen College of Agriculture Students, Olivia Soler, Adam O'Malley, Whitney L. Figland, Morgan Richardson, J. Joey Blackburn, Kristin S. Stair, Richie Roberts

Session I – Leadership Development and Goal Setting, East Meeting Room L (BJCC-3)

Discussant and Chair: Bill Weeks

Facilitator: Kathryn Teixeira

Leadership Development Program Satisfaction: An Evaluation of the Role of Leader Member Exchange, Dr. Kevan W. Lamm, Dr. Kerry Priest

Undergraduate Goal Setting: Analyzing Personality as a Predictor, Dr. Kevan W. Lamm, Emana Sheikh, Dr. Don W. Edgar

Evaluating Leadership Development Programs: A Social Network Analysis Approach, Dr. Kevan W. Lamm, Dr. Hannah S. Carter

11:30 – 1:30 p.m. Awards Luncheon, Birmingham Ballroom 3 (SBH-1)

SR-AAAE Conference Adjourns After Lunch

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