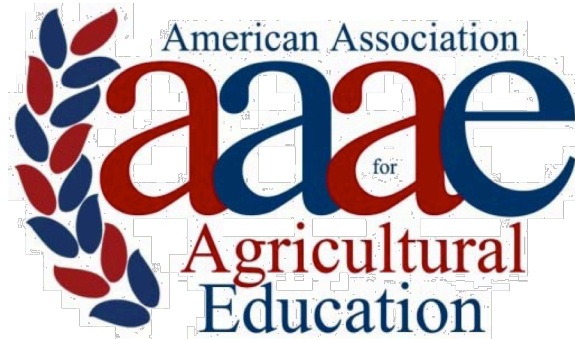


SOUTHERN REGION CONFERENCE

OF THE



2018 PROGRAM

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



February 3 – February 6, 2018 – Jacksonville, FL

**Hosted by
Middle Tennessee State University, Tennessee State University,
Tennessee Technological University, University of Tennessee,
University of Tennessee at Martin**

2018 Southern Region Reviewers

Antoine Alston
James Anderson II
Marshall Baker
Kirby Barrick
Kimberly Bellah
Matthew Bengé
Joey Blackburn
Gary Briers
Jackie Bruce
JC Bunch
Alex Byrd
James Christiansen
Steven Chumbley
Chris Clemons
Barry Croom
Catherine DiBenedetto
Kim Dooley
Tiffany Drape
James Dyer
Don Edgar
Leslie Edgar
Kirk Edney
Craig Edwards
Rebecca Epps
Chris Estep
Paula Faulkner
Frank Flanders
Jim Flowers
Curt Friedel
Nick Fuhrman

Donna Graham
Laura Greenhaw
Amy Harder
Jay Jayaratne
Don Johnson
Adam Kantrovich
Eric Kaufman
Barbara Kirby
Alexa Lamm
Doug LaVergne
James Lindner
OP McCubbins
Gary Moore
Joy Morgan
Tim Murphy
Brian Myers
Michael Newman
Summer Odom
Ed Osborne
Travis Park
Brian Parr
Jason Peake
Bryan Rank
John Rayfield
Tobin Redwine
John C. Ricketts
Grady Roberts
Shane Robinson
Eric Rubenstein
Donna Westfall-Rudd

Rick Rudd
Joy Rumble
Ryan Saucier
Kate Shoulders
Matt Spindler
Kristin Stair
Nicole Stedman
Carrie Stephens
Katie Stofer
Chris Stripling
Robert Strong
Kirk Swortzel
Lisa Taylor
Rob Terry
Andrew Thoron
Stacy Vincent
George Wardlow
Laura Warner
Wendy Warner
Elizabeth Wilson
Gary Wingenbach

Saturday, February 3, 2018

3:00 – 6:00 p.m. **Registration, Third Floor Skybridge**

Sunday, February 4, 2018

7:00 – 8:00 a.m. **Graduate Student Breakfast, Grand Ballroom Section 4**
(Pre-registered graduate students)

7:00 – 10:00 a.m. **Registration, Third Floor Skybridge**

8:15 – 8:45 a.m. **Vespers, Grand Ballroom Section 3**

9:00 – 9:30 a.m. **Agricultural Education Opening Session, Grand Ballroom Section 3**

9:45 – 11:45 a.m. **Concurrent Research Session I – Teaching and Learning**
15-minute presentation each, 15 minutes of Discussion per presentation

Session A – Preservice Education, Grand Ballroom Section 2

Discussant and Chair: Christopher Stripling

Facilitator: Kathryn Teixeira

Reflecting on Experience: The Impact of Reflection Following FFA Civic Engagement Activities, Will Bird, Amanda Bowling, and Anna Ball

Deterrents to Service-Learning’s Use as a Method of Instruction in the Preparation of Agricultural Education Teachers: The Beliefs and Intentions of Teacher Educators, Richie Roberts, M. Craig Edwards, and J. Shane Robinson

Student Perceptions of Accelerated Course Delivery Format for Teacher Preparation Coursework, Blake C. Colclasure, Sarah E. LaRose, Anna J. Warner, Taylor K. Ruth, J.C. Bunch, Andrew C. Thoron, and T. Grady Roberts

Relationship Between Career and Technical Education Student Teachers’ Self-Efficacy and edTPA Performance, Victoria P. Whitley, Travis D. Park, Wendy J. Warner, and Erin T. Horne

Session B – School Based Education Programs, Grand Ballroom Section 3

Discussant and Chair: Brian Myers

Facilitator: Cliff Ricketts

Demographic Characteristics of Students in Secondary Agricultural Education Programs, Sarah A Bush, Stephen Edwards, and Curtis R Friedel

Teacher Perception of the Georgia Middle School Agricultural Education Curriculum, David L. Chapman Jr. and James R. Lindner

Impact of Teacher Attire on Students' Views of Teacher Credibility, Attitude Homophily, and Background Homophily within School-based Agricultural Education Programs, Lesley Smith and Catherine W. Shoulders

Job Satisfaction in Agricultural Education Teachers in North Carolina, Robert Jason Davis, Jim Flowers, Wendy Warner, David Jones, and Gary E. Moore

Session C – School Based Education Curriculum, *Grand Ballroom Section 1*

Discussant and Chair: Barbara Kirby **Facilitator:** Chris Eck

A Multi-State Evaluation of Secondary Agricultural Education Students' Performance on Industry-Based Standards, Preston Byrd, Stacy Vincent, Joan Mazur, and Kang Namkoong

Comparative Analysis of Students Taught Science or Agriscience: Results on State Standardized Reading Assessment, Anna J. Warner, Andrew C. Thoron, and Glenn D. Israel

Effects of Novelty on Project-Based Methods when Integrating Physics into Agriculture Courses, Jason McKibben and Tim Murphy

The School in Biltmore Forest: The Beginning of Formal Forestry Education in America, D. Barry Croom

12:00 – 1:30 p.m. **Luncheon** (introduce new students and new faculty), *Grand Ballroom Section 4*

1:30 – 2:30 p.m. **Committee Meetings**

Membership Services, *City Terrace 10*

Program Improvement, *City Terrace 9*

Professional Development, *City Terrace 8*

Research, *City Terrace 7*

2:30 – 3:15 p.m. **SR-AAAE Business Meeting Session I**, *Grand Ballroom, Section 3*

3:15 – 4:00 p.m. **SIG Meetings or Grantsmanship Roundtables**, *City Terrace 10, 9, 8, 7*

4:15 – until **SAAS Reception/Super Bowl Party**, *Grand Ballroom Section 4 and 5*

Monday, February 5, 2018

7:00 – 10:00 a.m. **Registration**, *Third Floor Skybridge*

7:00 – 8:30 a.m. Innovative Poster Session (*with breakfast*), Conference Center A

#ChemicalAwareState: Farm Safety Goes Social, Carla Jagger, Tobin Redwine, Sharon Wagner, Emily Berger, and Holli Leggette

Auburn Agriscience Education Immersion Experience: An Exploratory Program for the Promotion and Improvement of Future Agriscience Teachers, Chris Clemons

I am Different, Not Less: Illustrating Strengths-Based Leadership Through the Lens of Temple Grandin, Haley Rosson and Penny Pennington Weeks

A Faculty Development Project: Creating a Community of Global Thinking Fellows, Christopher T. Stripling, Nicole Stedman, James R. Lindner, Amy Harder, Robert Strong, T. Grady Roberts, Kim Dooley, and Lisa Lundy

A Variable Frequency Drive Trainer for STEM Integration in Agricultural Mechanics, Colton Teekell, Patterson Hilaire, and Donald Johnson

An Intra-curricular Approach in Assisting Underserved Populations: Engaging the Community in Student Development, Brooke N. Griggeory, Stacy K Vincent, Carol D. Hanley, and Dan W. Kahl

Award Points Program: Utilization of Google Sheets™ Pivot Tables for Student Awards Points and Required FFA Activity Credits, Kathryn Teixeira and Shane Robinson

Creating Student Empowerment and Inclusion for Underserved Youth in Agriculture, Elijah Parham and Stacy K. Vincent

Critical Conversations: Using a Video Podcast to Engage Teachers in Philosophical Discussions about Agricultural Education, Catherine W. Shoulders, Marshall A. Baker, and Brian E. Myers

Developing a Learning Community of First Generation College Student Veterans, Megan Stein, Summer Odom, Barry Boyd, Kelly Essler, Julie Harlin, and Lori Moore

Early Field Observations: An In-depth Approach of Career Exploration Introduction, Christopher Eck, Kathryn L Teixeira, and Robert Terry Jr.

Educating First Responders to Assist in an Agricultural Hazardous Situation, Sarah D. Warren, Stacy K. Vincent, Joan Mazur, and Dale Dobson

Enabling Agriculture Teacher Candidate Preparation with Technology and Resources, Victoria P. Whitley, Travis D. Park, Kevin W. Curry Jr., Wendy J. Warner, and Joy E. Morgan

Filling Buckets for Our Beginning Ag Teachers, Joy E. Morgan, Travis D. Park, and Wendy J. Warner

Flip the Script! Implementing Team Based Learning in a Post-Secondary Agricultural Mechanics Course, Whitney L. Figland and J. Joey Blackburn

Grip and Grin: An Innovative Approach to Incorporating Advisory Committee Members into SAE Instruction, Sarah E. LaRose, John D. Farrell, and Andrew C. Thoron

In a SNAP: Nutrition Education in Food Desert Communities, Eliza Green, Kendall M. Wright, Stacy K. Vincent, Jacqueline Corum, and Becca Self

Integrating Experiential Learning into Ag Reporting and Feature Writing Coursework to Develop Metacognitive Skills and International Relations, Kylie Ehlers, Isabel Whitehead, and Jefferson Miller

Model Trailer Wiring Lesson, Randy Lund, Jenna Gilbert, and Tim Murphy

Optimizing Professional Networking through a Preparation Program for Students, Samantha Blackwell and Shelly Sitton

Plickers as a way for Test Review in Agricultural Education, Brianna Shanholtzer, Andrew Thoron, and J.C. Bunch

Poster Session in a Methods of Teaching Course: A Poster Poster, Lee Thomsen, Sarah Warren, and Rebekah B. Epps

Recruiting through Agricultural Education's Family Trees, Travis D. Park, Joy E. Morgan, Mary Kate Morgan, and Wendy J. Warner

Rounding Up Resources for Agricultural Teachers: Utilizing a Blog and Social Media to Disseminate Quality Resources, Anna J. Warner, Catherine W. Shoulders, Marshall A. Baker, and Brian E. Myers

Safety, Safety, Safety! Using the Lathe Safety Simulator to Introduce Proper Machinery Operation Principles and Work Habits, Rachael Blackwell, Trent Wells, and OP McCubbins

Swivl® and GoPro®: The Use of Video Recording Technologies to Enhance Student Learning, Olivia Caillouet, Catherine Dobbins, Kathleen S. Jogan, and Leslie D. Edgar

Using a Student Exchange Program to Foster New Agricultural Experiences for Students, Blake Colclasure and Keith Schiebel

Using Instagram Hashtags to Promote Agricultural Communications Students' Photography, Kayla Jennings, Lindsay Kennedy, and Cindy Akers

8:45 – 10:45 a.m. Concurrent Research Session II - Extension and Professional Development
15-minute presentation each, 15 minutes of Discussion per presentation

Session D – Extension Program Planning, *Grand Ballroom Section 6*
Discussant and Chair: Kate Shoulders **Facilitator:** Mathew Smith

Organizational Priorities for Advancing Cooperative Extension in the Tampa Bay Area, Amy Harder, Lendel K. Narine, and A. Ondine Wells

Examining Rural Community Planning: A Community Viability Indicator (CVI) Model, Sarah Bush and Rick Rudd

Good Agricultural Practices Training for Extension Educators and Limited-Resource Produce Growers, John C. Ricketts and Agnes Kilonzo-Nthnge

Identifying Generational Differences to Target Extension Programming when Discussing Genetic Modification, Peyton N. Beattie, Alexa J. Lamm, Joy N. Rumble, and Jason D. Ellis

Session E –Program Evaluation, *Grand Ballroom Section 2*
Discussant and Chair: Edward Osborne **Facilitator:** Lauren Cline

Framework for School Garden Program Development and Evaluation: A Delphi approach, John Diaz, Laura Warner, and Susan Webb

Laboratory Management Needs of Iowa School-Based Agricultural Mechanics Teachers, A. Preston Byrd, P. Ryan Saucier, and Ryan G. Anderson

Exploring the Effect of Personal Norms and Perceived Cost of Water on Conservation, Amanda D. Ali, Cameron N. Ramey, and Laura A. Warner

Saving Water in the City: Behavioral Research to Inform Urban Landscape Water Conservation Extension Programs, Laura A. Warner, John M. Diaz, and Anil Kumar Chaudhary

Session F – Professional Development, *Grand Ballroom Section 1*
Discussant and Chair: Jim Flowers **Facilitator:** Rachel Ralston

Developing 21st Century Leadership Skills in County Extension Directors: Exploring Design, Implementation and Evaluation of an Online Leadership Development Program, Matthew Sowcik, Matt Benge, and Jera Niewoehner Green

What do they need? Determining Differences in the Classroom-based Professional Development Needs of Louisiana Agriculture Teachers by Years of Teaching Experience, Whitney L. Figland, J. Joey Blackburn, Eric Smith, and Kristin S. Stair

Describing the Differences in the Professional Development needs of Traditionally and Alternatively Certified Agriculture Teachers in Louisiana, Kristin S. Stair, Whitney L. Figland, J. Joey Blackburn, H., and Eric Smith

Determining Content Knowledge Needs for Professional Development of In-service Agricultural Education Teachers in South Carolina, Catherine A. DiBenedetto, Victoria C. Willis, and K. Dale Layfield

11:00 – 12:00 p.m. **SR-AAAE Business Meeting Session II,** *Grand Ballroom Section 6*

12:00 – 1:30 p.m. **Luncheon and Distinguished Lecture,** *Grand Ballroom Section 4*

1:45 – 4:00 p.m. **Professional Development,** *Grand Ballroom Section 1*

4:30 – 6:00 p.m. **Tennessee Host State Social,** *Conference Center A*

Dinner on your own

Tuesday, February 6, 2018

7:00 – 8:30 a.m. **Research Poster Session (*with breakfast*),** *Conference Center A*

A Survey to Describe the Benefits and Barriers of University of Arkansas Students to Study Abroad, Olivia Caillouet, Catherine Dobbins, Leslie D. Edgar, and Don W. Edgar

American Indians: The Under-Underrepresented Population in Agriculture, Marshall Swafford

An Assessment of Leadership Competencies: A Difference of Opinion, Matt Benge, Matthew Sowcik, and Jera Niewoehner-Green

Animal Welfare Framing on Twitter, Jefferson Miller and Olivia Norton

Applying Experiential Learning Principles to Introductory Small Engines Instruction, Chris Clemons and Trent Wells

Assessing and Evaluating an Honors Program in a College of Agriculture, Isabel Whitehead, Leslie D. Edgar, and Don. W. Edgar

Assessing Critical Thinking Styles of International Faculty, Catherine A. DiBenedetto and R. Kirby Barrick

Comparison of Supervisor and Extension Personnel Perceptions of Communication Needs, Brittany Bowman, Quisto Settle, Elizabeth Gregory North, and Keri Collins Lewis

Corporate Positions on Animal Welfare: A Content Analysis of Protein Companies' Web Pages, Sara Maples, Olivia Norton, and Jefferson Miller

Effects of Activity Type and Gender on Cognitive Achievement in Hydraulics, Patterson Hilaire, Colton Teekell, and Donald Johnson

Global Learning Reflection: Evaluating the International Blog Posts of the Virginia Agriculture Leaders Obtaining Results (VALOR) Program, Chelsea Corkins, Sarah Bush, and Megan Seibel

Help! Determining the FFA and SAE Professional Development Needs of Louisiana Agriculture Teachers by Years of Teaching Experience, Krista Courter, Whitney L. Figland, J. Joey Blackburn, Kristin S. Stair, and H. Eric Smith

Improving Post-Secondary Teaching: Teaching the Future Professor Pedagogy, Jeremy Elliott-Engel and Donna Westfall-Rudd

Mississippi State University Extension Personnel Communication Needs Assessment, Brittany Bowman, Quisto Settle, Elizabeth Gregory North, and Keri Collins Lewis

Outcomes of a State-wide Service Learning and Leadership Experience for Agriculture Students, Tobin Redwine

Perceived Factors that Influence the Success of Vertical Transfer Students in Agricultural Education, Tera Howerton and Chris Clemons

Promoting Innovation and Team Performance Through Cognitive Diversity: A case of Extension Agents in Morogoro-Tanzania, Asha Shayo, Rick Rudd, and Amon Mattee

Seeking and Engaging: Case Study Integration to Enhance Critical Thinking Style, Jessica Harsh, Alexa J. Lamm, and Ricky Telg

Student Preparedness: College Ready or Career Ready? Victoria C. Willis, Catherine A. DiBenedetto, and Brian E. Myers

Students' Perceptions of Workforce Readiness Compared to Industry Expectations, Rachel E. Hendrix and Carley C. Morrison

Teacher Perception of the Georgia Middle School Agricultural Education Curriculum and its Relationship to Secondary Agricultural Education Enrollment, David Chapman and James Lindner

Teaching Enhancement through Agricultural Laboratories Workshop: Effects on Self-Efficacy and Intent to Teach Agricultural Sciences, Haley Hensley, Catherine Shoulders, Don Edgar, Donna Graham, George Wardlow, and Donald Johnson

University Faculty Perspective on Student Entitlement, Don Edgar, Donna Graham, and Leslie Edgar

Use and Perceptions of Varroa Control Practices Among Florida Backyard Beekeepers, Mary Bammer, Amanda Ali, Austin Council, and Sebastian Galindo

Where's the Expert? Understanding the Expertise Gap in Preservice Agricultural Education Teachers, Lauren Lewis Cline and Marshall Baker

9:00 – 11:00 a.m. Concurrent Research Session III – Higher Education and Evaluation
15-minute presentation each, 15 minutes of Discussion per presentation

Session G – Issues in Higher Education, *City Terrace 4*

Discussant and Chair: Cecilia E. Suarez **Facilitator:** Shasta Charlton

General Education Plant Pathology Course Increases Science Identity Among Undergraduates in Live and Online Sections, Kathryn A. Stofer, Brantlee Spakes-Richter, Natalie DelRocco, and Marilyn Boahmah

Planned Behavior Typologies of Agricultural Education Teacher Educators in Regard to Service-Learning as a Method of Instruction: A National, Mixed Methods Study, Richie Roberts, M. Craig Edwards, and Toni A. Ivey

Agricultural and Natural Resource Issues Education: Are We Teaching About Relationships, Alexa J. Lamm, Jessica Harsh, Courtney Meyers, and Ricky Telg

Relationship between Student Pre-Entry Attributes and Six-Year Degree Completion, C. S. Shoulders, L. D. Edgar, and D. M. Johnson

Session H – Teaching and Learning, *River Terrace 2*

Discussant and Chair: JC Bunch **Facilitator:** Jenna Jones

Experimental Studies in School-based Agricultural Education from 2006-2016: A Synthesis of the Literature in the Journal of Agricultural Education, Blake C. Colclasure and Andrew C. Thoron

Evaluating the VALOR Program: Blogs as a Reflection Process, Sarah Bush, Chelsea Corkins, Megan Seibel, and Jeremy Elliott-Engel

Student Perspective of the Desired Roles Educators Play – A Q Methodology Study, Carley Snider, Joenelle Futrell, and Marshall A. Baker

Faculty Motivations for Leading Short-term Study Abroad Courses, Brandon Raczkoski and J. Shane Robinson

Session I – Global Learning, *City Terrace 6*

Discussant and Chair: Rick Rudd **Facilitator:** Nakana Morton

Examining Cultural Proficiency Among Secondary Agricultural Education Youth Through Intercultural Effectiveness and Global Experiences, Kendall M. Wright, Courtney A. Turley, and Stacy K. Vincent

Development and Validation of a Study Abroad Perceived Costs Scale, Brandon M. Raczkowski, Leslie D. Edgar, J. Shane Robinson, Marshall A. Baker, and M. Craig Edwards

Involving agriculture faculty in study abroad: A descriptive and comparative analysis of faculty involvement in and perceptions of study abroad programs, Shelli D. Rampold, J.C. Bunch, Melissa Cater, and J. Joey Blackburn

Involving agriculture faculty in study abroad: An examination of structural relationships between personal dimension variables in involvement, Shelli D. Rampold, Melissa Cater, J.C. Bunch, and J. Joey Blackburn

11:30 – 1:30 p.m. Awards Luncheon, *River Terrace 1*

SR-AAAE Conference Adjourns after Lunch