

**2014 North Central
American Association for
Agricultural Education
Conference**



**October 9, 10, & 11, 2014
West Virginia University
Morgantown, WV**

2014 NC-AAAE Conference Schedule

Thursday, October 9, 2014

Erickson Alumni Center

1:00 - 6:00 PM	Conference Registration	Lobby, Erickson Alumni Center
4:00 - 5:00 PM	North Central AAAE Executive Meeting	Charles F. Erickson Board Room
4:30 - 5:00 PM	Poster Setup	2 nd Floor Hallway
5:15 - 7:00 PM	Reception and Poster Session	Kennedy Club Room and Hallway
6:00 - 6:30 PM	Welcome	Kennedy Club Room
7:00 - ??	Dinner on your own	

Friday, October 10, 2014

Hilton Garden Inn

7:00 AM	Cooked-to-Order Breakfast	Hilton Garden Inn
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Erickson Alumni Center

8:00 - 9:30 AM	Research Session I	
	Session A: Agricultural Mechanics	Room 110
	Session B: In-service Teacher Training	Room 111
	Session C: Extension and Agricultural Education	Room 115
9:30 - 10:00 AM	Refreshments	
10:00 - 11:30 AM	Research Session II	
	Session D: Inquiry Based Learning	Room 110
	Session E: Teacher Preparation	Room 111
12:00 - 1:30 PM	Awards Luncheon	Salon B
	Greetings from Donna Graham, AAAE President University of Arkansas	

1:45 - 3:15 PM	Professional Development Session <i>Strategies for Effective Online Teaching</i> Jane Stentz, M.A. and Beth Down, M.O.L. University of Nebraska - Lincoln	Salon A
3:15 - 3:45 PM	Refreshments	
3:45 - 5:15 PM	Professional Development Session <i>The Future of the AAAE Regional Research Conferences</i> Dr. Mark Balschweid and Dr. L. J. McElravy, Facilitators University of Nebraska - Lincoln	Salon A
5:30	Board Bus for Westvaco Center	
6:00 - 6:45 PM	Overview of WVU Canopy Tour	Cooper's Rock State Forest

Westvaco Center

7:00 - 9:00 PM	Dinner	Westvaco Center
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Saturday, October 11, 2014

Hilton Garden Inn

7:00 AM	Cooked-to-Order Breakfast	Hilton Garden Inn
7:45 - 9:15 AM	Committee Meetings	
	Member Services	Suncrest A
	Professional Development	Suncrest B
	Research	Suncrest C
	Professional Improvement	Suncrest A
9:15 - 9:30 AM	Refreshments	
9:30 - 11:30 AM	North Central Region Business Meeting	Suncrest Ballroom
11:30 AM	Adjourn	

2014 NC-AAAE Research Conference

Session A: Agricultural Mechanics

8:00-9:30 AM, Room 110

Chair - Brad Greiman, University of Minnesota

Facilitator - Suzanna Windon, The Ohio State University

The Use of Virtual Welding Simulators to Evaluate Experienced Welders

Preston Byrd, Clemson University

Richard T. Stone, Iowa State University

Ryan G. Anderson, Iowa State University

Teacher-perceived Adequacy of Tools and Equipment Available to Teach Agricultural Mechanics

OP McCubbins, Iowa State University

Ryan G. Anderson, Iowa State University

Thomas H. Paulsen, Iowa State University

Trent Wells, Iowa State University

Teacher Perceptions of Appropriateness of Agricultural Mechanics Concepts Taught in Secondary Agricultural Education Programs

Elly Stremsterfer, Iowa State University

Jaclyn F. Tweeten, Iowa State University

Preston Byrd, Clemson University

Ryan G. Anderson, Iowa State University

Thomas H. Paulsen, Iowa State University

Session B: In-service Teacher Training

8:00-9:30 AM, Room 111

Chair - Robert Birkenholtz, The Ohio State University

Facilitator - Laura Hasselquist, University of Missouri

Obstacles, Activities and Professional Development Needs of Mid-Career Agriculture Teachers

Scott Smalley, South Dakota State University

Amy Smith, University of Minnesota

The Relationship of Quality and Quantity of Agricultural Mechanics Training in Agricultural Post Secondary Preparation in the State of Iowa

Nicole Gent, Iowa State University

Taylorann K. Smith, Iowa State University

Ryan G. Anderson, Iowa State University

Thomas H. Paulsen, Iowa State University

Deconstructing Content Knowledge: Coping Strategies and their Underlying Influencers for Beginning Agriculture Teachers

Amber H. Rice, University of Missouri

Tracy Kitchel, University of Missouri

Session C: Extension and Agricultural Education

8:00-9:30 AM, Room 115

Chair - Gary Straquadine, The Ohio State University

Facilitator - Amanda Bowling, University of Missouri

Application of Social Network Analysis (SNA) in Cooperative Extension: Understanding Diversity and Reach of Cooperative Extension in Communities

Anil Kumar Chaudhary, Pennsylvania State University

Rama Radhakrishna, Pennsylvania State University

Agricultural Education for All: Expansion Techniques at the Secondary Level

Kendall M. Wright, University of Kentucky

Stacy K. Vincent, University of Kentucky

Extension and Research Faculty Perspectives of Extension-Research Integration: Challenges and Opportunities

Anil Kumar Chaudhary, Pennsylvania State University

Rama Radhakrishna, Pennsylvania State University

Session D: Inquiry Based Learning

10:00-11:30 AM, Room 110

Chair - Daniel Foster, Pennsylvania State University

Facilitator - OP McCubbins, Iowa State University

The Infusion of Inquiry-based Learning into School-based Agricultural Education: A Review of Literature

Trent Wells, Iowa State University

Jennifer Matthews, Iowa State University

Lawrence Caudle, Iowa State University

Casey Lunceford, Iowa State University

Brian Clement, Iowa State University

Ryan G. Anderson, Iowa State University

Perceptions of the Participants of the NATAA Ambassadors Workshops Toward Integrating Science into School-Based Agricultural Education Curriculum

Jessica M. Blythe, West Virginia University

Brian E. Myers, University of Florida

Assessing the Impact of Participation in a National Agriscience Pre-service Teacher Program on Perceptions of Science Integration and Preparation in Agricultural Education

Amy Smith, University of Minnesota

Scott Smalley, South Dakota State University

Session E: Teacher Preparation

10:00-11:30 AM, Room 111

Chair - Steve Harbstreit, Kansas State University

Facilitator - Taylorann Smith, Iowa State University

Impact of Knowledge of Content and Students on Beginning Agriculture Teachers Approaches to Teaching

Amber H. Rice, University of Missouri

Tracy Kitchel, University of Missouri

Undergraduate Student Course Engagement and the Influence of Student, Contextual, and Teacher Variables

Adam A. Marx, North Dakota State University

Jon C. Simonsen, University of Missouri

Tracy Kitchel, University of Missouri

Utilizing the Tuning Protocol to Generate Feedback During Lesson Plan Development: The Student Teachers' Perceptions

Thomas H. Paulsen, Iowa State University

Taylorann K. Smith, Iowa State University

Ryan G. Anderson, Iowa State University

2014 NC-AAAE Poster Session

Innovative Posters

Development of an Online Community of Practice for International Agriculture Education and Training

Donna Westfall-Rudd, Virginia Tech
Amy Vu, Virginia Tech

Courtney Vengrin, Virginia Tech
Matthew Spindler, Virginia Tech

Early Field Experience Summer Reading Program for Teacher Candidates

Laura L. Rice, Pennsylvania State University Daniel D. Foster, Pennsylvania State University

Enhancing Career Development Event Preparation Using Snapchat: A Snapshot of Identification Components of Various Career Development Events

OP McCubbins, Iowa State University
Thomas H. Paulsen, Iowa State University

Ryan Anderson, Iowa State University

Extreme Agricultural Mechanics Makeover

Ryan Anderson, Iowa State University

Incorporating Experiential Learning Principles into a Methods of Teaching Agricultural Mechanics Course to Develop Pre-service Agriculture Teachers' Classroom Management Competencies

Trent Wells, Fayette County High School

Ryan Anderson, Iowa State University

Introduction to and Exploration of SAE Through a Weekend SAE

Bryan Rank, Iowa State University

Michael Retallick, Iowa State University

Outback Wildcat: Teaching Agricultural Education in the Land Down Under

Stacy K. Vincent, University of Kentucky
Kendall M. Wright, University of Kentucky
Libby Dawes, University of Kentucky
Sharon Brennan, University of Kentucky

Courtney Crume, University of Kentucky
Shevahn Telfser, University of Kentucky
Laurence Tuccori, University of Kentucky

Public Service Announcement: Spreading Farm Safety Awareness Through The Use of the Mobile Application, Glide

Lawrence Caudle, Iowa State University
Ryan Anderson, Iowa State University

Thomas H. Paulsen, Iowa State University

Saving Lives in Rural Appalachian Communities through Agricultural Mechanics Education

Morgan L. Schafbuch, University of Kentucky
Joan Mazur, University of Kentucky

Stacy K. Vincent, University of Kentucky
Jennifer Watson, University of Kentucky

Science of Agriculture Response (SOAR): Integrating Science Content Standards into 4-H Youth Development Curriculum and 4-H Projects

Joshua E. Rice, University of Minnesota

Teach Ag! Summer Recruitment Academy

Jon C. Simonsen, University of Missouri
Tracy Kitchel, University of Missouri

John D. Tummons, University of Missouri
Anna L. Ball, University of Missouri

Utilizing Authentic Assessment Strategies in a Methods of Teaching Agricultural Mechanics Course to Develop Pre-service Agriculture Teachers' Laboratory Management Competencies

Trent Wells, Fayette County High School

Ryan Anderson, Iowa State University

Research Posters

AAAE North Central Region Research Conference: Why We Attend

Mark Balschweid, University of Nebraska-Lincoln L. J. McElravy, University of Nebraska-Lincoln

Academic Advising Expectations: The Students' Perspective

Michael Retallick, Iowa State University

Elizabeth Foreman, Iowa State University

Associations between Learner Interaction and Achievement in an Online Course: A Longitudinal Study

Greg Miller, Iowa State University

Change in Students' Diversity Awareness Profile: What Evidence can Journaling and Reflections Provide?

Carla Jagger, The Ohio State University

M. Susie Whittington, The Ohio State University

Comparison of Teacher Competence in Agricultural Mechanics among Traditionally and Alternatively Certified Agricultural Education Teachers

Jaclyn F. Tweeten, Iowa State University

A. Preston Byrd, Clemson University

Ryan G. Anderson, Iowa State University

Thomas H. Paulsen, Iowa State University

Determining the Quality of Life for a Sample of Ohio Farmers - Implications for Extension

Suzanna Windon, The Ohio State University

Dee Jepsen, The Ohio State University

Gary Straquadine, The Ohio State University

Environmental Learner Outcomes Assessment: How do Agricultural Education and Studies' Students at Iowa State University Compare to National Norms?

Thomas H. Paulsen, Iowa State University

Michael S. Retallick, Iowa State University

Ryan G. Anderson, Iowa State University

Awoke Dollisso, Iowa State University

Gender Influence in Agricultural Education Teachers Competence to Teach Electrical Skills

Jaclyn F. Tweeten, Iowa State University

A. Preston Byrd, Clemson University

Ryan G. Anderson, Iowa State University

Thomas H. Paulsen, Iowa State University

High School Educators' Opinions of a Contextual Science Class in Agriculture

Steven Still, University of Illinois

Student Preparation Perception of the National Farm Business Management Career Development Event

Scott Smalley, South Dakota State University

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2014 NC AAAE Leadership Team

Mark Balschweid	Vice President
Amy Smith	Secretary/Treasurer
Harry Boone	JAE Editing-Managing Board
Michael Retallick	JAE Editing-Managing Board
Tracey Kitchel	NC-AAAAE National FFA Board
Andy Baker	Stakeholder Rep for NC-AAAAE National FFA Board
Bart Gill	NC-AAAAE National FFA Foundation Board

Member Services Committee (NC Representatives to AAAE)

	Term Expires*		Term Expires*
Amy Smith	2014	Emily Rhoades	2014
Brad Greiman, Chair	2015	Robert Martin, Vice-Chair	2015
Debby Boone	2016	Rebecca Swenson	2016

Professional Development Committee (NC Representatives to AAAE)

	Term Expires*		Term Expires*
Tim Buttles	2014	John Ewing	2014
Bart Gill, Chair	2015	Shannon Washburn	2015
Tom Paulsen, Vice-Chair	2016	Annie Specht	2016

Program Improvement Committee (NC Representatives to AAAE)

	Term Expires*		Term Expires*
Ryan Anderson, Chair	2014	Roger Tormoehlen	2014
Daniel Foster	2015	Karen Cannon, Vice-Chair	2015
Jon Simonsen	2016	Mark Zidon	2016

Research Committee (NC Representatives to AAAE)

	Term Expires*		Term Expires*
Levon Esters, Vice-Chair	2014	Rama Radhakrishna, Chair	2014
Jennifer Rivera	2015	Gina Matkin	2015
Erica Thieman	2016	Scott Smalley	2016

Bart Gill – National FFA National Officer Nominating Committee Adult Consultant
 Harry Boone – ESCOP Northeast Representative for Social Science Subcommittee