

**Research Presentation Session 1**  
**Thursday, September 28**  
**8:45 – 10:00AM**

**Theme:** Youth Learning and Engagement (*Room: Dakota*)

**Discussant:** Mike Retallick, *Iowa State University*

**Facilitator:** Hannah C. Parker, *The Ohio State University*

“Trial and Error”: A Case Study of Experiential Learning in a 4-H STEM Program	<b>Christal Huber &amp; Rebecca Mott</b> <i>University of Missouri</i>
The Impact of Using Youth Participatory Action Research to Empower FFA Members	<b>Amy M. Leman, Aisha N. Griffith, Katrina A. Swinehart-Held, &amp; Lauren A. Elrod</b> <i>University of Illinois at Urbana-Champaign</i> <i>University of Illinois at Chicago</i> <i>Central State University</i>
A Case Study of 4-H Teen Camp Counselor Roles, Responsibilities, and Experiences	<b>Stephanie Femrite &amp; Rebecca Mott</b> <i>University of Missouri</i>

**Theme:** Social and Environmental Nexus (*Room: Herold Crest*)

**Discussant:** Rama Radhakrishna, *Purdue University*

**Facilitator:** Max Hagaman, *University of Missouri*

A Systematic Scoping Review of Stakeholder Analysis in Natural Resource Management	<b>Anil Kumar Chaudhary, Sharmistha Basak, &amp; Parmveer Singh</b> <i>The Pennsylvania State University</i>
A Community-Based Survey to Explore the Potential Health Effects Due to Drinking Water Quality among Plain-Sect Communities	<b>Anil Kumar Chaudhary, Parmveer Singh, Sharmistha Basak, &amp; Farhan Sadique</b> <i>The Pennsylvania State University</i>
Understanding Motivators of and Barriers to Participation in Environmental Quality Incentives Program (EQIP): A Case of Pennsylvania	<b>Elsie Assan &amp; Anil Kumar Chaudhary</b> <i>Purdue University</i> <i>The Pennsylvania State University</i>

**Theme:** Teacher Retention (*Room: Pheasant*)

**Discussant:** Aaron Giorgi, *West Virginia University*

**Facilitator:** Gaea Hock, *Kansas State University*

Modeling Michigan School-Based Agricultural Education Teacher Shortage: A System Dynamics Approach	<b>Tiffany A. Marzolino, Aaron J. McKim, Michael W. Everett, &amp; Mark Forbush</b> <i>Michigan State University</i>
A Twenty-Year Comparison of Traditionally and Alternatively Licensed SBAE Teacher Retention in Kansas	<b>KaCee James, Brandie Disberger, Gaea Hock &amp; Jonathan Ulmer</b> <i>Kansas State University</i>
To Those Concerned with Teacher Retention: A Collective Thought Experiment	<b>Becky Haddad, Aaron J. McKim, Haley Q. Traini, &amp; Catlin M. Goodwin</b> <i>University of Nebraska-Lincoln</i> <i>Michigan State University</i> <i>Oregon State University</i>

**Research Presentation Session 2**  
**Thursday, September 28**  
**1:15 – 2:30PM**

**Theme:** Enhancing Postsecondary Learning (*Room: Dakota*)

**Discussant:** Tom Paulsen, *Morningside College*

**Facilitator:** Andrew J. Baker, *Western Illinois University*

Experiences from a Postsecondary Mentor Education Program	<b>Aaron J. McKim, Phillip Warsaw, &amp; Douglas L. Bessette</b> <i>Michigan State University</i>
Job Crafting Among State FFA Officers by College Major	<b>John D. Tummons, Alexandra Gast, &amp; Jennifer Russell</b> <i>University of Missouri</i>
Evaluating Collegiate Learning Outcomes <i>without</i> Student Surveys	<b>Amy M. Lemam &amp; Jennifer A. Smist</b> <i>University of Illinois at Urbana-Champaign</i>

**Theme:** Tools for Teachers (*Room: Herold Crest*)

**Discussant:** Brooke Thiel, *North Dakota State University*

**Facilitator:** Donovan Phoenix, *University of Nebraska-Lincoln*

Describing 'Do, Reflect, Apply' as a Model for Reflective Writing	<b>Dusti M. Ingles &amp; Michael S. Retallick</b> <i>Iowa State University</i>
Examining the Relationship Between School-Based Agricultural Education Teacher Social Media Use and Self-Confidence	<b>Josie Manternach &amp; Kellie Claflin</b> <i>The Ohio State University</i>
A Survey of Teacher Creativity in Michigan	<b>Tiffany A. Marzolino &amp; Aaron J. McKim</b> <i>Michigan State University</i>

**Theme:** Teacher Stress and Balance (*Room: Pheasant*)

**Discussant:** Becky Haddad, *University of Nebraska-Lincoln*

**Facilitator:** Benjamin Fakunle, *Purdue University*

Impact of the COVID-19 Pandemic on School-Based Agricultural Education (SBAE) Teachers' Job Satisfaction and Work-Life Balance	<b>Kelly Hoelting, Gaea Hock, Brandie Disberger, &amp; Jonathan Ulmer</b> <i>Mission Valley High School</i> <i>Kansas State University</i>
Exploring West Virginia University Preservice Teachers' Stress and Coping Abilities: 2 <sup>nd</sup> Year Findings	<b>Aaron J. Giorgi &amp; Rachel E. Hendrix</b> <i>West Virginia University</i>
A Qualitative Analysis of Factors Impacting an Agriculture Teacher's Ability to Achieve Positive Work-Life Integration	<b>Jay K. Solomonson, Lucas D. Maxwell, Kara Barling, &amp; Liz Harris</b> <i>Illinois State University</i>

**Research Presentation Session 3**  
**Thursday, September 28**  
**2:45 – 4:00PM**

**Theme:** Information Resources and Applications (*Room: Dakota*)

**Discussant:** Gaea Hock, *Kansas State University*

**Facilitator:** KaCee James, *Kansas State University*

Information Sources Used by Farmers in Developing Conservation Plans and Adoption of Best Management Practices (BMPs) in Pennsylvania: Implications for Program Design and Delivery	<b>Elsie Assan, Rama Radhakrishna, &amp; Anil Kumar Chaudhary</b> <i>Purdue University</i> <i>The Pennsylvania State University</i>
Examining the Use of Social Media Applications by West Virginia Agricultural Producers	<b>Mikayla Hargis, Haley Rosson, &amp; Aaron Giorgi</b> <i>West Virginia University</i>
Describing Collaborations between SBAE and Extension Educators in West Virginia	<b>Creed Ammons, Aaron J. Giorgi, &amp; Haley Rosson</b> <i>West Virginia University</i>

**Theme:** Expanding Agricultural Education (*Room: Herold Crest*)

**Discussant:** Colby Gregg, *University of Illinois at Urbana-Champaign*

**Facilitator:** Alejandra Prado Jaramillo, *Purdue University*

Gender Bias Experiences in School-Based Agricultural Education	<b>Kaley Mumma, Katherine Hartmann, &amp; Michael J. Martin</b> <i>Iowa State University</i>
Agricultural Teacher views on Importance of Entrepreneurial Competencies for Student Career Success	<b>John Tummons, Stephen C. Mukembo, Nathan Smith, &amp; Jon Simonsen</b> <i>University of Missouri,</i> <i>Oklahoma State University</i>
Transforming Traditional School-Based Agricultural Education in an Urban Context	<b>Michael J. Martin, Kaley Mumma, &amp; Blake van der Kamp</b> <i>Iowa State University</i>

**Theme:** Teacher Support (*Room: Pheasant*)

**Discussant:** Katrina Swinehart Held, *Central State University*

**Facilitator:** Olivier Ntaganzwa, *Purdue University*

Triumphs and Tribulations: Student Teacher Needs-Supporting and -Frustrating Experiences Through Guided Reflective Journaling	<b>Hannah C. Parker, Kellie Claflin, &amp; Amanda M. Bowling</b> <i>The Ohio State University</i>
Agricultural Educators' Perceptions of Supervisors' Instructional Feedback	<b>Brooke L. Thiel, Justin V. Benna, Breanna Pastir, &amp; Nikki Fideldy-Doll</b> <i>North Dakota State University</i>
Help! A Qualitative Investigation of Social Support Early Career Agriculture Teachers Find Most Beneficial	<b>Amy M. Leman, Jay K. Solomonson, Claire E. Smith, &amp; Adrian Hernandez</b> <i>University of Illinois at Urbana-Champaign</i> <i>Illinois State University</i>

**Distinguished Research Presentations**  
**Friday, September 29**  
**9:05 – 10:20AM**

**Room:** McCrory Great Hall

**Discussant:** Mark Balschweid, *University of Nebraska-Lincoln*

**Facilitator:** Catlin Goodwin, *Michigan State University*

A Brief Primer for Critical Research in School-Based Agricultural Education	<b>Katherine Hartmann, Michael J. Martin, &amp; Colby Gregg</b> <i>Iowa State University</i> <i>University of Illinois at Urbana-Champaign</i>
Retaining School-Based Agricultural Educators: A System Dynamics Approach	<b>Tiffany A. Marzolino &amp; Aaron J. McKim</b> <i>Michigan State University</i>
Barriers Impeding the Ability of Agriculture Teachers to Achieve Positive Work-Life Integration During the School Year	<b>Jay K. Solomonson, Lucas D. Maxwell, &amp; Michael J. Barrowclough</b> <i>Illinois State University</i>