



**2023
WESTERN REGION
RESEARCH
CONFERENCE**

THE CROSSROADS OF FOOD,
AGRICULTURE AND INNOVATION

September 18 - 20, 2023 | Logan, UT

Riverwoods Conference Center



<p>DAY ONE</p>	<p>2023 WESTERN REGION AAAE RESEARCH CONFERENCE THE CROSSROADS OF FOOD, AGRICULTURE, AND INNOVATION</p>		
<p>SPEAKER</p>	<p>Dr. Ken White Vice President of USU Extension and Dean of the College of Agriculture and Applied Sciences</p>		
<p>September 18</p>	<p>7:30 - 10:00 AM</p>	<p>Registration</p>	<p><i>Grand Reception Hall</i></p>
	<p>8:00 - 10:00 AM</p>	<p>W3006-Ag Literacy Group</p>	<p><i>Maple</i></p>
	<p>8:00 - 10:00 AM</p>	<p>WR Officer Team Meeting</p>	<p><i>Cherry</i></p>
	<p>10:15 AM</p>	<p>Load Bus for Tours</p>	<p><i>Riverwoods Conference Center East Doors</i></p>
	<p>10:30 - 4:00 PM</p>	<p>The CharcuTOURie - Tours of Cache Valley</p>	



**DAY
ONE**

2023 WESTERN REGION AAEE RESEARCH CONFERENCE
THE CROSSROADS OF FOOD, AGRICULTURE, AND INNOVATION

September 18	4:30 PM	Set up Posters for Research Poster Session	<i>Cottonwood-Juniper-Elm</i>
	5:15 PM	Load Buses for "Sunset on the Patio: A Taste of Utah"	<i>Riverwoods Conference Center</i>
	5:30 - 7:40 PM	<p>"Sunset on the Patio" A Taste of Utah</p> <p>Greetings Dr. Ken White Vice President and Dean USU Extension and College of Agriculture and Applied Sciences</p> <p>Dutch Oven Dinner Boneless BBQ Pork Ribs Boneless Breaded Chicken Breast Cheesy Potato BBQ Baked Beans Dinner Roll Peach Cobbler Aggie Ice Cream</p>	<p><i>USU Campus College of Ariculture and Applied Sciences Patio</i></p> <p><i>Sunset 7:32 PM</i></p>
	7:40 PM	Load Buses South of AGRS at roundabout	
	8:00 - 9:30 PM	<p>Mix and Mingle Reception with Cash Bar</p> <p>Graduate Student Welcome</p> <p>Research Poster Session</p>	<i>Cottonwood-Juniper-Elm</i>

Thank you to the USU Support Crew, for helping with the behind the scenes logistics!!

Carrie Milligan, Kerri Williams, Heidi Thompson, Leena Bath, Kaitlyn Lunt

<p style="text-align: center;">DAY TWO</p>	<p style="text-align: center;">2023 WESTERN REGION AAAE RESEARCH CONFERENCE THE CROSSROADS OF FOOD, AGRICULTURE, AND INNOVATION</p>		
<p>SPEAKERS</p>	<p>Dr. Kattlyn “Kat” Wolf Professor and Interim Department Head University of Idaho Western Region AAAE Vice President</p> <p>Dr. Jonathan Velez Professor and Department Head Oregon State University AAAE President</p> <p>Darren Parry Former Chairman and current Councilman for the Northwestern Band of the Shoshone Nation</p>		
<p>September 19</p>	<p>7:30 - 9:00 AM</p>	<p>Registration</p> <p>Set Up Innovative Idea Posters</p>	<p><i>Grand Reception Hall</i></p> <p><i>Cottonwood-Juniper- Elm</i></p>
	<p>8:00 - 8:45 AM</p>	<p>Breakfast Buffet</p>	<p><i>Mahogany-Redwood</i></p>
	<p>9:00 - 10:00 AM</p>	<p>Innovative Idea Posters</p>	<p><i>Cottonwood-Juniper- Elm</i></p>
	<p>10:00 - 11:45 AM</p>	<p>Research Session I</p>	<p><i>Mahogany-Redwood</i></p>
	<p>12:00 - 12:45 PM</p>	<p>Lunch</p>	<p><i>Mahogany-Redwood</i></p>
	<p>12:45 - 1:30 PM</p>	<p>Keynote Speaker Darren Parry</p>	
	<p>1:30 - 2:30 PM</p>	<p>Business Meeting I Dr. Kattlyn Wolf Dr. Jonathan Velez</p>	<p><i>Mahogany-Redwood</i></p>

Thank you to the USU Faculty Team!!

Michelle Burrows, Kelsey Hall, Rose Judd-Murray, Michael Pate, Becki
Lawver, Tyson Sorensen, Denise Stewardson, Brian Warnick

**DAY
TWO**

2023 WESTERN REGION AAAE RESEARCH CONFERENCE
THE CROSSROADS OF FOOD, AGRICULTURE, AND INNOVATION

September 19	2:30 - 3:30 PM	Committee Meetings	
		Professional Development	<i>Maple</i>
		Research	<i>Cottonwood-Juniper</i>
		Program Improvement	<i>Elm</i>
		Member Services	<i>Mahogany</i>
	3:30 - 4:00 PM	Refreshment Break	
	4:00 - 5:45 PM	Research Session II	<i>Mahogany-Redwood</i>
	Evening & Dinner on your Own! Explore Logan or Take a Drive up the Canyon		



**DAY
THREE**

2023 WESTERN REGION AAAE RESEARCH CONFERENCE
THE CROSSROADS OF FOOD, AGRICULTURE, AND INNOVATION

September 20	8:00 - 9:00 AM	Breakfast Buffet	<i>Mahogany-Redwood</i>
	9:00 - 10:00 AM	Poster Session III TOP 10 Research and Innovative Posters	<i>Cottonwood-Juniper- Elm</i>
	10:00 AM	Break, Check out of Rooms	
	10:30 - 12:30 PM	Business Session II Awards Ceremony	<i>Mahogany-Redwood</i>
	12:30 AM	Adjourn!	
	Thank you! Safe Travels!		

College of Agriculture & Applied Sciences
UtahStateUniversity®

Tour Information

The CharcuTOURie

This tour takes us through the fascinating world of agriculture, food production, and unique items you can put on your next charcuterie board, starting with Central Milling, Zollinger Fruit and Tree Farm, The Lavender Apple, and concluding at the Aggie Chocolate Factory.

[Central Milling](#) is deeply rooted in American farmland preservation and the tradition of providing high-quality flour and grains. With a history dating back over 150 years, *the Farmer, the Miller, and the Baker* work together to ensure the continuity of this essential staple in daily life. The Organic 6-Grain Pancake & Waffle Mix and the [Keith Giusto Bread Club](#) in Petaluma, CA (powered by Central Milling flour) are common gifts from Dr. Lawver!

- *Please note: Since Central Milling is an active food facility, kindly leave purses, bags, or any personal items on the bus during the tour. Photography is encouraged. Additionally, wearing hair nets is mandatory, and individuals with long hair are encouraged to use ponytail holders for convenience.*

The [Zollinger Fruit and Tree Farm](#) is a family-owned farm, established for almost 120 years. Originally focused on commercial fruit orchards, the farm now specializes in premium landscape trees. Their fruit production has narrowed down to apples and peaches. Don't miss the chance to savor a Zapple (carbonated apple) or indulge in fresh cider!

[The Lavender Apple](#) a quaint boutique farm, is dedicated to crafting small-batch products ranging from bath and body to home, health, and culinary items. Each creation is painstakingly handcrafted and meticulously inspected, ensuring an unparalleled lavender-infused experience. Treat yourself to the exquisite flavor of lavender-infused honey, made using local raw honey from Cache Valley..

Our journey continues to the [Aggie Chocolate Factory](#), which opened its doors in 2018 is operated by USU's College of Agriculture and Applied Sciences. This facility serves as a unique learning and research center focused on chocolate science. The Aggie Chocolate Factory also plays a significant role in supporting the local confectionery industry by offering its expertise and facilities to both established and start-up businesses.

Each stop along our tour has items for sale, feel free to browse, purchase and take home some amazing Cache Valley products.

SPEAKERS



Dr. Ken White is the Vice President for Utah State University Extension, Dean of the College of Agriculture and Applied Sciences (CAAS), and Director of the Utah Agricultural Experiment Station. White has generated over \$17.3 million in extramural funding to support research in animal reproduction and embryonic development and has published over 100 peer-reviewed scientific articles and led the nuclear transfer team that produced the world's first cloned equines, three identical mule foals.



Dr. Kattlyn "Kat" Wolf is the Western Region American Association for Agricultural Education Vice President and Interim Department Head of the Agricultural Education, Leadership and Communications department at the University of Idaho. Dr. Wolf teaches undergraduate courses in agricultural education, communications, leadership, and supervises student teachers. Dr. Wolf's research interests include early career teacher and faculty self-efficacy, mentoring, and leadership.



Dr. Jonathan Velez, President of the American Association for Agricultural Education and Department Head for the Department of Agricultural Sciences and Agricultural Education at Oregon State University. Dr. Velez currently holds the Bradshaw Agricultural Sciences Leadership Education Endowment and oversees the OSU Leadership Minor. Dr. Velez teaches graduate and undergraduate leadership courses, and his research interests include motivation, teaching methods, leadership development, and effective leadership assessment methods.



Darren Parry is the former chairman and a current councilman for the Northwestern Band of the Shoshone Nation. He is the author of *The Bear River Massacre: A Shoshone History* and teaches Native American History at Utah State University. He is on numerous boards, including PBS Utah and Utah Humanities. In 2018, Darren raised over \$2 million to purchase land for his Tribe at the site of the Bear River Massacre—one of the deadliest massacre of Native people in U.S. history. Now he and his Tribe are working with scientists at Utah State University to restore the land. Darren is also continuing to raise money to build a cultural center on the land so the [Northwestern Band of the Shoshone Nation](#) can tell their story.

PAPER PRESENTATIONS

Research Session I

September 19, 10:00 AM – 11:45 AM

Title	Authors
Latino Undergraduate Motivations to Pursue an Agricultural Science Degree	Leslie Vite, Dr. Jessica M. Toombs
An Investigation of the Perceptions and Barriers of School Farms	Emily R. Fuller, Jessica M. Toombs, Mollie S. Aschenbrener
Commonalities in Global Service-learning Activities on Alumni Academic Development	Samuel Ikendi, Michael S. Retallick, Gail R. Nonnecke, Donald R. Kugonza, Gregory S. Miller, Owusu Francis, Theresa N. Cooper, Grace Lubaale
Does Participation in Livelihood Education Programs Improve Household Food Security?	Samuel Ikendi, Owusu Francis, Dorothy Masinde, Ann Oberhauser, Carmen Bain
Who Teaches and Why? Analyzing Why Individuals Choose to Pursue a Career Teaching Secondary Agricultural Education	Josh Odom, Chelsea Hatch & John Rayfield
An Analysis of Time Allocation of Student Teachers in Each Circle of the Three-Circle Model of Agricultural Education	Krysti Kelley & John Rayfield
Exploring Alternatively Certified Agriculture Teachers' Choice to Teach	Dr. Eryn Pierdolla, Dr. Scott Burris
The Needs of Oklahoma School-Based Agricultural Education Teachers Related to Teaching Agriculture, Food and Natural Resources Topics	Kristopher R. L. Rankin III, Christopher J. Eck, Bradley M. Coleman, Kayla N. Marsh, Nathan A. Smith
Strategies Behind the Communications: An Analysis of Social Media Platforms and Online Communication Channels Utilized by Agricultural Organizations in Texas	Reagan Ellison, Erica Irlbeck, Courtney Gibson, Laura Fischer
A Case Study Using Q Methodology to Explore the Attitudinal Orientation of Sorghum Producers Toward Sustainable Agricultural Practices	Haleigh Erramouspe, Dr. Lindsay Kennedy, Dr. David Doerfert, Dr. Nellie Hill

PAPER PRESENTATIONS

Research Session II

September 19, 4:00 PM – 5:45 PM

Title	Authors
Vicariously Visiting an Agricultural Facility: Exploring Student Perceptions of an Interactive Virtual Tour	Kylie Harlan, Dr. Courtney Meyers, Dr. Laura Fischer & Dr. Lindsay Kennedy
A Case Study in Social Media Adoption: Agricultural Input Companies' Perceptions in Ecuador	Joshue Lewis, Erica Irlbeck
Attitudes of Secondary Agricultural Education Students Toward Agriculture and STEM	Ms. Alyssa McQuiston, Mr. Nathan Smith, Dr. Chris Eck, Dr. Rob Terry Jr., Dr. Jon Ramsey
Identifying Teacher's Perceived Tools and Equipment Availability to Teach Welding Before and After a Professional Development Workshop	Jacob Ramos, Bradley Borges, Ryan Anderson, & Douglas Morrish
Tasks Associated with Teaching School-Based Agricultural Education: Classroom and Laboratory Instruction	Ryan W. Best, Dr. J. Shane Robinson, Dr. Robert Terry, Jr., Dr. M. Craig Edwards, Dr. Ki L. Cole
Effectiveness in the Classroom: A Quantitative Evaluation of Agricultural Educators' Competence Levels Regarding the Qualities of an Effective Teacher	Dr. William Norris, Dr. Steve Frazee
Agricultural Education for All: Importance and Ability of Agricultural Educators to Integrate Special Education Competencies into Professional Practice	Dr. William Norris, Dr. Steve Frazee
Exploring the Mid-Range Impacts of an Agriculture-Based Study Abroad Program	Michaela Mecham, Ryann Vierra, Dr. Tyson J. Sorensen, Dr. Thomas M. Henderson, Dr. Alyssa Schager
"I Can...": Evaluating Students' Approach to Understanding Cultural Competency through Study Abroad and Reflective Journaling	Kameron, Rinehart, Dr. Jason Headrick
Expectations vs. Realities: An Examination of Stated Workforce Development Skills in the Agricultural Industry	Alexandra Salinas, Dr. Jason Headrick

Space of Infinite Possibilities...notes...ideas...doodles

Thank you to our Sponsors and Supporters



UtahStateUniversity
COLLEGE of AGRICULTURE
and APPLIED SCIENCES



The Lavender Apple



ZOLLINGER FRUIT & TREE FARM

