



## Concurrent Sessions – Tuesday, June 18 – 10:00am – 11:20am

	Galleria I	Galleria II	Galleria III	Parlor BC
10:00am	<p>--- Late-breaking ---  <b>Symposium / Panel</b></p> <p>Avian influenza global impact: status and updates from the field.</p> <p>Jeff Bender  Richard Franklin</p>	A Comparative Analysis of Agricultural All-Terrain Vehicles' Static Stability under Different Loading Conditions (Ferreira Lima dos Santos, Khorsandi)	Lung-delivered IL-10 therapy beneficially impacts agriculture-derived organic dust exposure-induced lung inflammation. (Schwab, Wyatt, Nelson, Gleason, Romberger, Poole)	Identifying Motivators and Barriers for Use of Voluntary Safety Guidelines - Behaviors and Mentality of Adults and Youth Related to Work Tasks for Youth (Peltier, Saucedo, Salzwedel, Swenson)
10:20am		Agricultural Machine-related Injuries in Pakistan – Survey-based Study Among Surgeons from Nov 2022 – April 2023 (Raza, Issa)	Behaviors and Practices Involving Agricultural Chemicals of Young Farmers and Ranchers (Tormoehlen, Rohlman, Rudolphi)	Fishermen Led Injury Prevention Program (FLIPP): an approach for commercial fishing safety research in the Pacific Northwest (Kincl, Vaughan, Kim, Milkovich, Kasner)
10:40am		Perspectives of the DOL Tractor and Machinery Safety Certification by Instructors and State Administrators (Jepsen, Kilanowski, Pate)	Development of novel compact wind tunnel for testing efficacy of insecticide formulated products in mosquitoes (Sousan, Murray, White, Peyton, Slade, Richards)	Project Mantengo, part of AgSafe's Mental Wellness for Agriculture initiative (Whalley, Mariscal)
11:00am	<p>The NORA Agriculture, Forestry and Fishing Council and the Agriculture Safety and Health Council of America (ASHCA): an overview and update (Lincoln, Elliott)</p>	Meeting Educator Needs: Incorporating AYWG into Curriculum of Wisconsin Agricultural Educators (Peltier, Swenson)	Efforts to Establish Efficiency in the SFS Application Through Self-Directed Learning and Performance-Based Assessment (Toole, Vincent, Byrd, Namkoong)	North Central Farm and Ranch Stress Assistance Center: Three years of partnerships, impacts, and reach (Rudolphi, Cuthbertson, Mott, Keller)
11:20am		A Framework in Establishing Partnerships with Tribal Agricultural Stakeholders (Porter, Pennington, Stallones)	Exploring the Factors Affecting Timely Swine Euthanasia: A Phenomenological Investigation among Hispanic Caretakers in Iowa (Lamino, Acevedo León, Ceme Vincés, Durán Gabela, Boren-Alpizar, Schmidt, García)	Breaking down Barriers: Providing Professional Behavioral Support to Farmers in Illinois (Hulshof, Cuthbertson, Rudolphi)

## Concurrent Sessions – Tuesday, June 18 - 2:00pm – 4:00 pm

	Galleria I	Galleria II	Galleria III	Parlor BC
2:00pm	Applying machine learning to predicting injuries in female operators based on work, exposures, and health variables (Beseler, Rautiainen)	A Review of The Principles of Culturally Responsive Evaluation and Recommendations for its Application to the Evaluation Work of the NIOSH Agricultural Centers (Joshi, Galindo, Lamino)	Mobile plan safety: A systems exploration to reduce fatalities and serious injuries associated with agricultural mobile plant (Franklin, Mason, Casey)	Development of an Intergroup Dialogue Curriculum for Faith Leaders and Behavioral Health Providers to Improve Agricultural Mental Health Systems (Keeney, Valley)
2:20pm	Using Technology and Qualitative Tools for Transdisciplinary Research for Farmer Equity and Well-being (Cook Marshall, Richardson)	Digital Dissemination of Tools to Manage Heat Illness Risk in Agricultural Workers (Pennington, Porter, Valdiviezo-Perez)	Safety Culture of Utah Livestock Producers (Pate, Lawver, Rood, Salter, Decker, Clawson, Taylor, Longmore)	A Community-engaged Approach to Prevent Sexual Harassment in Agriculture (Drury, Early, Torres, Reyez-Páz, Breckwich Vásquez)
2:40pm	Modeling the role of weather patterns and grain quality on rates the number of engulfments and entrapments (Mosher, Derry, Beseler, Pizzaro)	Cultivating Connections: A Blueprint for Hosting State of the Science Meetings in Your Region (McLeod-Morin, Irani, Telg, Lindsey, Lundy)	Influences on Livestock Safety Behaviors Among Young Agricultural Workers (Barnett, Rudolphi)	“The source of all my joy and all my stress”: Uncovering underappreciated sources of stress that affect farm women (Budge, Becot, Inwood)
3:00pm	Using Large Language Models to Automate Agricultural Injury Surveillance (Muller, Petti, Li, Gorucu, Pilz, Weichelt)	<b>Symposium / Panel</b>  Bringing together researchers and farmworker service providers to discuss and synergize on projects impacting U.S. farmworkers	Mitigating Tick-Borne Disease Risk in Agricultural Workers in Southern Vermont (Roome, Zenir, Sheehan-Yassin, Gertz, Sorenson)	<b>Symposium / Panel</b>  Best Practices in Telephone Crisis Response for Agricultural Communities  Natalie Roy Amanda Wickman Allison Meyers Kira Lindeman Tara Haskins (Moderator)
3:20pm	Data-driven modeling of grain entrapments for increasing the agricultural safety (Yousefi)		Elucidating the relationship between years of experience, skill level, and safety for livestock workers (Woiwode)	
3:40pm	Preparing the Food System for the Next Big Thing (Gibbins, Elliott, Lincoln)	Bethany Boggess Alcauter Nicandro Mandujano Acevedo Beth Lyon	Simulated Farm Emergency Response Program: Decreasing Cattle-Related Trauma among Farm Families (Allen, Compton, Button, Penney)	

## Concurrent Sessions – Wednesday, June 19 – 10:00 am – 11:40 am

	Galleria I	Galleria II	Galleria III
<b>10:00am</b>	Primer on Safety and Health in Forestry: US and Oregon (Garland)		<b>Symposium / Panel</b>
<b>10:20am</b>	Assessment of timber faller working conditions in mixed hand and tethered-machine cut harvest units on steep slopes- A case study in western Oregon (Belart, Pokharel, Chung, Morrissette)	<b>Symposium / Panel</b>  Child Labor in Agriculture: Challenges and Safety Strategies  Diane Rohlman Cassey Peltier Andrea Swenson	
<b>10:40am</b>	Listening to the Forestry and Timber Harvesting Workforce (Haskins, Stoltzfus)		
<b>11:00am</b>	Hidden Hands: Safety and Health of Latino Immigrant Forestry Services Workers in the Pacific Northwest (Harrington, deCastro, Wilmsen)	Safety Zone: Introducing a new delivery mode aimed at providing youth farm safety and health education to rural communities throughout North America (Davidson, Kuhl)	Updating Economic Benefit and Cost Valuations for Occupational Injury and Fatality Prevention in Agriculture (Pena)
<b>11:20am</b>	Interim results of a co-designed gamified farm injury prevention online educational resource for adolescents (Peden, Franklin)	Students' Opinions Toward Safety (Summerfield, Jepsen, Specht, Lawson, Filson)	Farmworker Housing and Health (Forst, Martin)

## Concurrent Sessions – Wednesday, June 19 – 2:00 pm – 3:20 pm

	Galleria I	Galleria II	Galleria III	Parlor BC
<b>2:00pm</b>	Farm Progress Show Attendees' Use of ATVs and UTVs On Public Roadways and Their Knowledge and Attitudes Regarding These Vehicles on Roads (Jennissen, Landers, Vergara, Wetjen, Lilienthal, Hoogerwerf)	Meeting the safety needs of the children and the farm: What kinds of solutions do farm parents want? (Becot, Morrissey)	Workplace Psychosocial Hazards and Mental Health of Latino Farmworkers (Hammer, Robles-Saenz, Brockwood)	Farm adolescent stress, risk-taking, and mental health (Rudolphi, Berg)
<b>2:20pm</b>	Agricultural All-Terrain Vehicle Safety Test Station (Khorsandi, Ferreira Lima dos Santos, Hong, Parvin, Farhadi, Abla, Wong)	A School-based Virtual Hearing Conservation Intervention for Teen Farmers in Rural Texas (Saucier, Kahn, Wright, Wojciechowski, Amady-Syd)	Epidemiologic Data of Health Limitations and Disabilities among Farmers and Their Families (Nour, Issa)	Supporting Rural Student Resilience Through a Mental Health and Wellbeing Curriculum in Agriculture Education Classrooms (MacDonald, Norrod, Ickes)
<b>2:40pm</b>	Contributing Factors for Bystander Lawn Mower-Related Injuries: A Qualitative Study (Jennissen, Gibson, Drewry, Bibbs, Krupp, Vakkalanka, Hoogerwerf)	Student Motivation to Engage in Agricultural Safety Education (Summerfield, Jepsen, Specht, Lawson, Filson)	Agricultural Injury Surveillance at state-level or region-level: A Systematic Literature Review (Dashtban, Issa)	Mental health among Swedish farmers – a strategy for improved health and wellbeing (Lundqvist)
<b>3:00pm</b>	Evaluation of Alternative Compact Bed Plasticulture for Fresh Market Vegetables (Fathallah, Shukla, Nguyen, Santikari, Gurley, Hansen, Hendricks)	Farmer Based Community Health Project (Jones, Malin, Bryant, Collins)	Celebrating Women in Agriculture: Wellness, Safety and Leadership: Expanding Opportunities for Canadian Agriculture by Understanding the Experience of Farm Women (Anderson, Watson, Allin, Wilber, Lear)	Two Lenses: A View of Mental Health First Aid in North Carolina's Agricultural Community (Denning, Robinette)

## Concurrent Sessions – Wednesday, June 19 - 3:20 pm – 5:00 pm

	Galleria I	Galleria II	Galleria III	Parlor BC
3:20pm	A Comparison of Audiogram Tests for Future Farm Safety Analysis (Yount, Vincent, Sanderson)	Enhancing Agricultural Safety Communication & Leveraging Resources: A Storytelling Approach (Ploeckelman, Heiberger, Yoder, Rautiainen, Schossow, Duysen)	Surveillance of Injuries in Farmworkers (Madigan, Friedman, Scott, Faydenko, Forst)	Farm Safety for Rural Families Coping with Dementia (Arora, Bobitt)
3:40pm	Assessing Ergonomic Benefits of Enhanced Scoop Shovels and Pitchforks on Women Farmers' Physiological Responses (Oguche, Zhou, Funkenbusch, Shannon)	Participatory Rural Appraisal: Implementation of Farmer-to-Farmer Program on Ecuadorian Agricultural Associations (Lamino Jaramillo, Vincés, Boren-Alpízar, Joshi, Galindo)	Agricultural workplace fatalities in the state of Oregon. Contributions of the Oregon Fatality Assessment and Control Evaluation (OR-FACE) program (Boyd, Madjlesi, Hurtado)	Cultivating Wellness: The Farm Health Connector Program and Personalized Peer Support in Agricultural Communities (Robinette)
4:00pm	Evaluation of the first-of-its-kind Spanish private pesticide applicator training program in Oregon: an interagency, interstate collaborative project (Balbi, Schaedel, Servin, Ornelas, Borges, Rodríguez, Uribe, Bond, Zimmerman, House, Zaragoza, Thompson, Giordano, Kaci Buhl)	<b>Symposium / Panel</b>  Working Group: Evidence-Based Respirator Guidance for Farm Youth	Developing an AI-Enhanced Data Pipeline for Automated OIICS Code Assignments in Agricultural Injury Surveillance. (Li, Issa)	Characteristics of suicide among US farmers and ranchers: 2019-2022 (Miller, Rudolphi)
4:20pm	Enhancing Agricultural Safety Training Through Portable Virtual Reality (VR) Simulations (Issa, Nour)		Jenna Gibbs Anna Proctor Renee Anthony Andrea Swenson	Living in the Borderland: An Examination of the Work-Family Borderland of Dual Agriculture Teacher Couples in [State] (Spence, Park, Warner, Cope)
4:40pm	We're on This Road Together: Building a Toolkit for Enhancing Rural Road Safety around Farm Vehicles (Noray, Rockwell, Rudolphi)			Scoping review of protective factors against suicide in Agriculture (Franklin, Dawes)

## Poster Sessions

Please also visit posters during breakfast hour and throughout the day.

\*Session A: Posters hung by 5pm on Monday, removed at 2pm on Tuesday

\*Session B: Posters hung by 5pm on Tuesday, removed at 2pm on Wednesday

### Session A: Tuesday, June 18 (1:00pm-2:00pm)

No	Title/Authors
A1	Atmospheric Transport of Agrochemical Mixture Occurrence on Residential HVAC Filters Near Concentrated Animal Feeding Operations: Human and Community Health Implications (Munoz, Green, Angappan)
A2	Low-Cost Mobile Environmental Chamber (Ogunbiyi, Moore)
A3	Effects of Glyphosate on Growth and Toxicity of <i>Prymnesium parvum</i> under Phosphorus-Sufficient and Phosphorus-Limited Conditions (Tabora-Sarmiento, Patiño, Mayer)
A4	Assessing Primary Care Provider Knowledge of Farmer Stressors and Self-Perceived Confidence in Caring for Farmer Mental Health Needs: A Pilot Study of Three Counties in Northeastern North Carolina (Matthews, Willeman-Buckelew, Tutor Marcom, Everhart)
A5	Farm and Work: Sources of Stress among Certified Organic Farmers (Totaro, Soto Mas)
A6	Incorporating Inmate Farm Safety and Life Skills Training into a Vocational Education Program to Reduce Recidivism (Gorucu, Goodiel, Roberts, Kelly-Begazo)
A7	Living in the borderland: A mixed methods examination of work-linked couples blending work and family roles in school-based agricultural education programs (Spence, Park, Warner, Kirby, Cope)
A8	Using silicone wristbands to examine the para-occupational exposure of children living in an agricultural community: Imperial Valley, CA (Contreras-Valencia)
A9	Assessment of QPR Gatekeeper Training Within North Carolina's Agricultural Sector (Robinette)
A10	Wearable Technology for Feedyard Safety (Tucker, Yoder, Beseler)
A11	Growing the Feedyard-15 Program: Who is enrolling and what training modules are they using? (Beseler, Adhikari, Ramos, Yoder)
A12	Allergic Reactions to Ticks: Survey of Attendees at the National FFA Convention (Vandegriff, Yount, Clontz)
A13	Preventative Measures for Tick Bites – Survey of Attendees at the National FFA Convention (Clontz, Sanderson, Vandegriff, Yount)
A14	Exposures to Ticks – Survey of Attendees at the National FFA Convention (Yount, Sanderson, Clontz, Vandegriff)
A15	Leveraging Youth Grants to Spread Farm Safety Across Iowa (Kuehn)
A16	Driving in the Company of Logging Trucks and Farm Vehicles: A mixed methods examination of educational videos and suburban and rural youth perceptions of roadway safety (Spence, McCrimmon)
A17	Hearing Loss: An Analyzation of Various Audiogram Tests (Yount, Vincent, Sanderson)
A18	Seasonal Comparisons of Acute Kidney Injury, Heat Exposure, and Heavy Metal Exposure in a Mexican Agricultural Population (Wagoner, Lopez-Galvez, Canales, Furlong)
A19	Unveiling Agricultural Injury News Intervention (AINI) Effects: A Randomized Controlled Trial (Namkoong, Burke, Kieke, Weichelt)
A20	Evaluation of Farm Safety among Hmong American Farmers in the Central Valley of California (Jadhav, Thao)
A21	Agricultural exceptionalism – the variations of legal protections for agricultural workers across the US: Development of a Labor Law Equity Index using state-level labor laws (Chavez Santos, Baquero)
A22	Planning for the Future? The Factors Underlying Farmers' Intention to Develop or Delay a Succession Plan (Purc-Stephenson, Hartment, Hoot, Marriot)
A23	Use of Facebook and Twitter to Drive Engagement and Reach of a NIOSH Funded Ag Center (Irvine, Duysen)
A24	Safety education exposure levels of students participating in the Houston Livestock Show and Rodeo Agricultural Mechanics Project Show: A 20 year review (Saucier, Houston)

**Session B: Wednesday, June 19 (1:00pm-2:00pm)**

<b>No</b>	<b>Title/Authors</b>
<b>B1</b>	Incorporating Inmate Farm Safety and Life Skills Training into a Vocational Education Program to Reduce Recidivism (Gorucu, Goodiel, Roberts, Kelly-Begazo)
<b>B2</b>	Exploring the Psychosocial Impact of Livestock Epidemics and Depopulation on Farmers (Purc-Stephenson, Hood, Doctor)
<b>B3</b>	Parent Leadership in Action: Setting up families for success and safety on the farm through communication tools (Johnson, Drusini, Brotherson)
<b>B4</b>	The Use of Injury and Fatality Narratives to Convey Agricultural Safety and Health Messages and to Develop Effective Resources through Collaborative, Multi-disciplinary Approaches: Tell a Story, Save a Life (Ploeckelman, Heiberger, Rautiainen, Johnson, Charlier, Yoder, Duysen)
<b>B5</b>	Assessing Ergonomic Benefits of Enhanced Scoop Shovels and Pitchforks on Women Farmers' Physiological Responses (Oguche, Zhou)
<b>B6</b>	Genetic Relatedness of In Vitro Cassava ( <i>Manihot esculenta</i> Crantz) Accessions Based on Quantitative Morphological Characterization at Tissue Culture Level and DarTseq SNP Markers (Byiringiro, Uchendu, Abberton)
<b>B7</b>	Safe Farm Steward Application: Increasing Farm Safety Awareness (Byrd, Vincent, Namkoong, Song)
<b>B8</b>	Shifting the Terminology Regarding Child Farm Injuries and Deaths (Lee, Ploeckelman, Heiberger, Weichelt, Benny)
<b>B9</b>	Sole and Combined Effects of Phosphorus and Arbuscular Mycorrhizae Fungi on the Growth and Yield of Bambara Groundnut (Olaleye, Abberton, Oyatomi)
<b>B10</b>	Gear Up for Ag Health & Safety™: Young Adult Voices Shape Education Programming (Sheridan, Gibbs, Sullivan, Hickey, Ulmer, Wachowch, Bookhouse)
<b>B11</b>	Noise at on-farm grain facilities (Geng, Jepsen, Zhao)
<b>B12</b>	Building A Southeast U.S. Farm Safety Database Through Utilizing Agricultural Education (Toole, Vincent, Byrd, Namkoong, Song)
<b>B13</b>	Evaluating the Performance of WBGT Forecasts for Enhancing Farmworker Safety in California (Hong, Khorsandi)
<b>B14</b>	Personal Protection Equipment (PPE) Use in Selected Texas School-Based Agricultural Mechanics Laboratories (Saucier, Reynolds, Foster, Langley)
<b>B15</b>	General Safety Conditions Found Within Selected Texas School-Based Agricultural Mechanics Laboratories
<b>B16</b>	Predicting ATV-Related Hospitalizations Through a Machine Learning Forecasting Model (Ferreira Lima dos Santos, Khorsandi)
<b>B17</b>	Epidemiologic Data of Health Limitations and Disabilities among Farmers and Their Families (Nour, Issa, Baldwin, Field)
<b>B18</b>	Investigating The Relationship Between Respirator Types and Their Impact on Behavioral and Physiological Responses While Performing Simulated Grain Handling Activities (Ogunbiyi, Moore)
<b>B19</b>	Building Bridges: Fostering Culturally Competent Worker Protection Standard Inspections (Gibbs, Hanson, Concha-Holmes, Buhl, Forsyth)
<b>B20</b>	Impact of a combined business skills and safety training program for small-scale agricultural producers in Nigeria (Gibbs, Udoh, Harris)
<b>B21</b>	Ingress Egress Safety for Agriculture Machinery: Refining our Behavioral Observation and Classification Methods (Lowndes, Yoder, Siu, Pitla, Nyacyesa, Hanson, Haug)