

# 2022 MRASH Program

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## Tuesday, November 15, 2022

2:30 – 5 pm **Pre-Conference Workshop: [Qualitative Respirator Fit Testing: Methods and Practice](#)**

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## Wednesday, November 16, 2022

8:00 a.m. **Breakfast, including student mentorship pairs**

**Keynote Session, break, and panel (*livestreamed*): [Re-imagining a Safe and Healthy Future for Agriculture](#)**

Host: Brandi Janssen, PhD, Director, Iowa's Center for Agricultural Safety and Health

Speaker: Matt Russell, MS, State Executive Director, USDA, Farm Service Agency

9:00 Discussant: Ahna Kruzic, MS, Associate Director, Regenerative Agriculture Foundation

Additional Panelists: Jesse Bell, PhD, University of Nebraska Medical Center & Mary Hendrickson, PhD, University of Missouri.

[Speaker Bios](#)

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### Luncheon: **Select One**

- Noon
- Student Networking Luncheon facilitated by Diane Rohlman, PhD, University of Iowa and Josie Rudolphi, PhD, University of Illinois (Zoom participation available)
  - Regular Luncheon in Hotel Atrium

1:00 **Welcome to Kirkwood, Dean of Agriculture Scott Ermer**

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### Tour of Kirkwood Programs: **Select One**

Agriculture Sciences and Horticulture

1:30 Health Simulation Center

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### Mobile Displays – East Parking Lot

- 3:00
- [Automated Driving Systems \(ADS\) for Rural America:](#)
  - [Simulation In Motion- Iowa: SIM-IA](#)

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### Kirkwood Student Panel (*livestreamed*)

Host: Diane Rohlman, PhD, University of Iowa

Moderator: Josie Rudolphi, PhD, University of Illinois

Panelists:

- 3:30
- Matt Hearn, Agricultural Business & Agriculture Geospatial Technology
  - Colby Mueller, Agricultural Business
  - Rose Nippert, Animal Health, Veterinary Technician
  - Connor Reed, Agricultural Business
  - Amanda Stallman, Parks and Natural Resources

4:30 – 6 pm **Taster Session Reception (*flashtalks livestreamed*)**

**Flashtalks:**

1. **A Website To Improve Farmer Wellness.** Elizabeth Andekian, DNP, APRN, ACNS-BC, FNP-BC, Saint Anthony College of Nursing
2. **AgInjuryNews data for Research: a brief Introduction.** Nicole Becklinger, PhD, University of Southern Indiana
3. **Naturalistic study of vehicle interactions with farm equipment on Iowa's roadways.** Amir Ghanbari, PhD student, Department of Epidemiology, University of Iowa
4. **Where Is Behavioral Healthcare for the Agricultural Population Headed?** Michael Rosmann Ph.D., AgriWellness Inc. & Kaila Anderson MSW, Land Logic
5. **Gear Up for Ag(TM) Veterinary Program.** Colin Yoder, DVM, MPH Student, University of Minnesota, Upper Midwest Center for Agricultural Safety and Health

**Posters & Displays:**

1. **I-CASH Youth Grant Recipients 1998 – 2022.** Ralph Altmaier, MS, University of Iowa
2. **Iowa Climate Statement, 2022 Edition.** Joe Bolkcom, University of Iowa Center for Global and Regional Environmental Research
3. **Simulation in Motion – SIM-IA.** Jacinda Bunch, PhD, RN, SANE-A, NREMT & Brian Rechkemmer, B.S., NREMT-P, University of Iowa College of Nursing
4. **Whether psychological support or fairer prices? Fieldwork on family farms in Slovenia.** Duska Knezevic Hocevar, PhD, ZRC SAZU
5. **Autonomic Driving Systems for Rural America.** Kristine Roggentien, National Advanced Driving Simulator, University of Iowa

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**Thursday, November 17, 2022**

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8:00 am **Breakfast**

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**Abstract Summaries**

**Breakout Session 1**

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	<b>Ballroom (livestreamed)</b>	<b>Room 123</b>	<b>Room 124</b>
8:45	<p><b><u>Roundtable: Implementing ROPS Programs through Media Advocacy: Key Factors in OSH Evidence-Based Practice Adoption.</u></b> Brandi Janssen, PhD, University of Iowa and Iowa's Center for Agricultural Safety and Health</p>	<p><b><u>Roundtable: Ag Health and Safety in Audio Media.</u></b> Carolyn Sheridan, Executive Director, Ag Health and Safety Alliance(TM)</p>	<p>1. <b><i>Adolescent agricultural worker exposure to chlorpyrifos &amp; the impact on respiratory health &amp; function.</i></b> Ernesto Mendez, MS, University of Iowa</p> <p>2. <b><i>Healthy Hearing Project: Cognitive Results.</i></b> Jan Moore, PhD, University of Nebraska Kearney</p>

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9:45 Break

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10:00 **Breakout Session 2**

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	<b>Ballroom (livestreamed)</b>	<b>Room 123</b>	<b>Room 124</b>
	<p>1. <b><i>Collective and Effective Collaboration: Measuring the Impact of a National Campaign Delivering Farm Safety and Health Messaging.</i></b></p>	<p>1. <b><i>The Association Between County Ordinances Allowing Off-Road Vehicles on Public Roads and Crash Rates.</i></b> Charles Jennissen, MD,</p>	<p>1. <b><i>3rd shift phenomenon! How does the female producer skillfully balance (or not) the myriad of stressors to achieve</i></b></p>

Megan Schossow, MS, University of Minnesota

2. **Novel Cohort Process to Minimize COVID-19 Infection in Migrant Workers.** Claudia Corwin, MD MPH, University of Iowa and Proteus Inc.

University of Iowa Departments of Pediatric and Emergency Medicine

2. **How vehicle telematics can make your farm more efficient and safer.** Brian Hammer, MPA, CDS

**mental wellbeing.** Linda Emanuel, RN, AgriSafe Network

2. **Rethinking IT....** Jason Haglund, MS, CADC Senior Consultant/Specialty Coordinator Project Recovery Iowa

11:00

Break

### Breakout Session 3

#### Ballroom (livestreamed)

1. **Mending the stress fence.** Remington Rice, PhD, Michigan State University Extension (will be Zoomed)

2. **Farm Adolescent and Adult Mental Health: Methods and Preliminary.** Josie M. Rudolphi, PhD, University of Illinois Urbana-Champaign and **Leading Causes of Death among US Crop and Animal Producers: Results from the 2020 CDC Mortality Data.** Cristina Miller, PhD, USDA Rural Development Innovation Center

#### Room 123

1. **Virtual visits to the farm: Use of 360-degree eLearning to enhance agricultural health safety education.** Carolyn Sheridan, Executive Director, Ag Health and Safety Alliance(TM)

2. **Better Together: Applying the iap2 spectrum of public participation to engage ag health and safety partners.** Megan Schossow, MS, University of Minnesota

#### Room 124

1. **Environmental and Occupational Exposure Assessment of Cattle Feedyard Workers Using Wearable Technology.** Jill Vansickle, MPH, Gallagher

2. **GIS.** Andrew Schissel, Department of Pharmacology and Experimental Neuroscience, University of Nebraska Medical Center

11:15

#### Pre-recorded Presentations (online only):

1. **Childcare for farm families: A key strategy to keep the children safe yet largely absent from farm programming.** Florence Becot, PhD, National Farm Medicine Center
2. **Bottlenecks, tourists, and a DIY attitude: observation insights on farmworker health on Yakima Valley Hop Farms.** Matthew Comi, PdD, National Farm Medicine Center

12:15

#### Awards Luncheon

#### Capstone Discussion Session (livestreamed)

1:15

Facilitator: Ahna Kruzic, Associate Director, Regenerative Agriculture Foundation

2:30

#### Complete Evaluations. Thanks for coming!

#### Pre-recorded Flashtalks (online only):

1. **Are agricultural and farm youth leaders prepared to discuss suicide?** Kaleigh Barnett, MS, University of Illinois
2. **Alcohol use among Illinois farmers: What we know and how to help.** Cheyanne Dierickx, University of Illinois at Urbana-Champaign
3. **Deaths from Zoonotic Diseases: A closer look at the CDC Mortality data.** Leila Erickson, University of Maryland Baltimore County
4. **Rural and Agricultural Natural Disaster Stress and Recovery Study.** Kristin Gaffney, MPH, University of Arkansas for Medical Sciences
5. **Analysis of nonfatal injuries among farmers in Illinois.** Sean Tormoehlen, PhD Student, University of Illinois Urbana Champaign

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