

# 2020 MRASH Schedule

## Rising to New Challenges

2020 MRASH Conference will include both live-streamed and online anytime sessions.

All times are Central Daylight Time

### Tuesday, November 17, 2020: Pandemic Challenges

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9:00 – 11:00 a.m.

- **Keynote: Emerging Zoonotic Diseases Impacting Agriculture: What Comes After Covid 19?** Ali S. Khan, MD, MPH, MBA, Dean of the College of Public Health at the University of Nebraska Medical Center (UNMC) and former Assistant Surgeon General
  - **Keynote Panel:** Moderator Matt Nonnenmann, PhD, Associate Professor, Department of Occupational and Environmental Health, University of Iowa
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11:00 a.m. – 12:30 p.m.

- **Animal Agriculture Exposures Among Minnesota Residents with Zoonotic Enteric Infections, 2012–2016** Carrie Klumb, MPH, Minnesota Department of Health
  - **Taking Care of Farm Children During COVID-19 and Implications on Children's Exposure to Farm Risk** Florence Becot, PhD, National Farm Medicine Center
  - **Discussion Rooms for Online Anytime Posters and Presentations**
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### Wednesday, November 18, 2020: Challenges Across the Lifespan

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9:00 – 10:30 a.m.

- **Roundtable – Aging on the Farm: 2020 Community Forum** Megan Schossow, MS, Upper Midwest Agricultural Safety and Health (UMASH)
  - **Hearing Loss & Cognitive Status in Aging Agricultural Workers** Jan A. Moore, PhD, University of Nebraska Kearney
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10:30 a.m. – 12:30 p.m.

- **Protecting the Health of Young Agricultural Workers Through Supervisor Training** Diane Rohlman, M.A., PhD, University of Iowa College of Public Health
  - **Understanding Parent Influences on Youth Decisions to Enter Agricultural Grain Storage Facilities** Kayla Walls, Graduate Student, Industrial and Agricultural Technology, Iowa State University.
  - **Rural Youth and Firearms: A Survey of Iowa FFA Members** Charles Jennissen, MD, Department of Emergency Medicine at the University of Iowa
  - **Discussion Rooms for Online Anytime Posters and Presentations**
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### Thursday, November 19, 2020: Challenges For Specific Audiences

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9:00 – 10:00 a.m.

- **Roundtable- Farming Through the Pandemic; Resilience and You** Jason Haglund, MS, CADC, Speciality Coordinator Ag, Rural Mental Health & Addiction, COVID Recovery Iowa
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10:00 a.m. – 12:30 p.m.

- **Pesticide Exposure Potential from Unmanned Aerial Vehicles as Compared to Ground Applications on Row Crops in Iowa** Jenna L. Gibbs, PhD, Gibbs Consulting LLC/University of Iowa, Dept of Occupational and Environmental Health
- **Visualizing Iowa's Pesticide Use: Improving Accessibility to Public Data** Monica McFadden, PhD student, IIHR, Hydrosience and Engineering, University of Iowa
- **Protecting Livestock Workers: Exploring Data on Fatal and Non-fatal Injuries in Agriculture** Suraj Adhikari, MS, University of Nebraska Medical Center

- ***Influence of Stakeholders in Developing Safety Guidelines for Tribal and Non-Tribal Bison Herd Workers*** Jill Oatman, BS, University of Nebraska Medical Center
- **Discussion Rooms for Online Anytime Posters and Presentations**

## Friday, November 20, 2020: The Challenge of Changing Behaviors

- 9:00 – 11:00 a.m.
- ***Capstone: The Science of Communicating Effectively for Behavior Change*** Rima Afifi, PhD, Community and Behavioral Health, College of Public Health, University of Iowa
  - ***Changing Behaviors with Changing Demographics Panel Discussion*** Moderator, Brandi Janssen, PhD, Director, Iowa's Center for Agricultural Safety and Health

- 11:00 a.m. – 12:30 p.m.
- ***Development and Evaluation of a Motion Graphic Emphasizing ATV Safety Engineering Controls*** Carolyn Sheridan, RN, BSN, President and Founder, Ag Health and Safety Alliance
  - ***ATV Aware*** Susan Harris, MLS, Nebraska Extension
  - **Discussion Rooms for Online Anytime Posters and Presentations**

### Online-Anytime Discussion Times:

**Presenters will be available in online discussion rooms from noon – 12:30 on the day listed.**

**Online extras will be added as they are confirmed.**

### Online-Anytime Presentations

Tuesday ***Striving to Conduct Effective Agricultural Safety and Health Outreach During a Pandemic: From John Deere Masks to Plexiglass*** Ellen Duysen – Coordinator and Outreach Specialist – Central States Center for Agricultural Safety and Health, Marsha Cheyney – Outreach and Evaluation Coordinator – Great Plains Center for Agricultural Health, Megan Schossow – Upper Midwest Agricultural Safety and Health Center

Wednesday ***Don't Forget the Ag in Ag Safety Days!*** Will Fett, Executive Director, Iowa Agriculture Literacy Foundation

Thursday ***Sustainability and Safety Indicators for Selected Greenhouse Production Facilities in North America*** Jaime Thissen, MInstP, MEIT, Dept of Ag. & and Biological Engineering, University of Illinois Urbana-Champaign

Thursday ***Creative Solutions to Protect the Needs of the Veteran Farmer*** Linda Emanuel, RN, AgriSafe Network

Thursday ***Tractor and Machinery Operation Programs for Women in Agriculture*** Dee Jepsen, PhD, The Ohio State University

Thursday ***Use of Real-time Sensors to Reduce Drinking Water Nitrate Exposures in Rural Public Water Supply Systems*** Christopher S. Jones, PhD, IIHR-Hydroscience and Engineering, University of Iowa

Thursday ***Suicide Prevention and the Agricultural Community*** David N. Brown, PhD, LMFT, CFLE; Iowa State University Extension and Outreach

Friday ***Can We Influence Behaviour or is it Hard Controls Only?*** Mr. Gavin Merriman, MAppSc University of Ballarat Australia

Friday ***Roundtable: Leveraging Social Media to Promote Agricultural Health and Safety*** Maria Bertrand, Upper Midwest Agricultural Safety and Health (UMASH)

## Online-Anytime Posters

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Tuesday	<b><i>Rapid Development of Respiratory Protection Guidance Resources for the Agricultural Community During COVID-19</i></b> Carolyn Sheridan, BSN, Executive Director, Ag Health and Safety Alliance
Wednesday	<b><i>Perspectives and Concerns on Agricultural Safety among Community College Students</i></b> Victor A. Soupene, BS BA, University of Iowa
Thursday	<b><i>Development of Selected Safety Indicators for Breweries in North America</i></b> Jaime Thissen, MInstP, MEIT, Dept of Ag. & and Biological Engineering, University of Illinois Urbana-Champaign
Thursday	<b><i>Perceptions of Mental Health Care Acceptability: Understanding How Knowledge Gaps Hinder Rural Access</i></b> Madison Stewart, MS, University of Iowa
Thursday	<b><i>Partnering in Mental Health Support</i></b> Devon Charlier, MPH Student, University of Minnesota School of Public Health
Thursday	<b><i>Establishing the North Central Regional Farm and Ranch Stress Assistance Center</i></b> Josie Rudolphi, PhD, University of Illinois Urbana-Champaign
Thursday	<b><i>Assessing Pesticide Education Interventions using Kirkpatrick's Evaluation Model: A Narrative Literature Review</i></b> Victor A. Soupene, BS BA, University of Iowa
	<b><i>Safety in Agriculture for Youth: National Clearinghouse Update</i></b> Aaron M. Yoder, PhD, University of Nebraska Medical Center, Central States Center for Ag Safety and Health
	<b><i>I-CASH Youth Grant Recipients 1998 – 2020</i></b> Ralph Altmaier, MS, University of Iowa
	<b><i>Work-related opportunities and safety behaviors among immigrant cattle feedyard workers with a TN visa</i></b> Athena K. Ramos, PhD, MBA, MS, CPM, University of Nebraska Medical Center
	<b><i>Missouri and Pennsylvania AgrAbility Assist Diverse Farm &amp; Ranch Populations to Promote Self-Employment Opportunities in Agriculture</i></b> Karen E. Funkenbusch, Director/PI, Missouri AgrAbility Project, University of Missouri
	<b><i>Women in Ag: Safe Animal Handling Resources through AgrAbility and eXtension</i></b> Karen E. Funkenbusch, Director/PI, Missouri AgrAbility Project, University of Missouri
	<b><i>Did non-metro healthcare organizations disproportionately benefit from the United States Paycheck Protection Program (PPP) During the Covid-19 Pandemic? Identifying the differences between metro and non-metro loan recipients in the healthcare sector</i></b> Jason Semprini, MPP, University of Iowa
	<b><i>Analysis of Agricultural Injuries in Florida</i></b> Serap Gorucu, PhD, Institute of Food and Agricultural Sciences Agricultural and Biological Engineering, University of Florida
	<b><i>Using Mixed Methods to Examine Symptoms of Depression among Cooperative Dairy Farmers</i></b> Yanni Liang, MS, University of Iowa
	<b><i>Sources of Pesticide Exposure among Egyptian Adolescents</i></b> Alexander S Barnett, A.A, University of Iowa College of Public Health
	<b><i>AgriSafe Network's Total Farmer Health Nurse Coach Initiative</i></b> Charlotte Halverson, RN, BSN, COHN-S, Clinical Director, AgriSafe Network
	<b><i>Teach Your Way: Open Source Ag Health and Safety Curriculum</i></b> Knesha Rose-Davison, MPH, Public Health Program Director, AgriSafe Network