The Sioux Center community is excited to host the 15th Annual Midwest Rural Agricultural Safety and Health (MRASH) Conference. A highly productive agricultural region, the community supports farmers and farmworkers through the agriculture program at Dordt College, the area’s high quality health care system, community volunteerism, and locally invested agricultural businesses.

People are the most important asset in any farming operation. When a farmer or farmworker suffers death or injury, the entire operation is affected. However, often when considering farming improvements and practices, economic and convenience factors are prioritized over health and safety.

MRASH is a conference that brings together many different stakeholders engaged in agricultural health and safety; their diverse perspectives coalesce to identify concerns, ideas, solutions, and results. Intended Audience: Please join us if you are a farmer, farm worker, health care professional, safety and health practitioner, educator, engineer, ag organization or agribusiness representative, employer, advocate, media member, or policy maker.

Hosted by:

http://www.public-health.uiowa.edu/icash/2016-mrash/
Conference Schedule

For updates, abstracts and additional info, visit the conference website:
http://www.public-health.uiowa.edu/icash/2016-mrash/

Tuesday, November 15

8:00-8:30am Registration, exhibit setup

8:30 – 9:00 Welcome by GPCAH Director Renée Anthony, PhD, CIH, CSP


9:45 – 10:00 Break

10:00 – 12:00 Panel: Perspectives on Safety by Design, Moderator Carolyn Sheridan, RN, BSN, AgriSafe Clinical Director.

12:00 – 1:00pm Lunch. Special lunch space for students and agricultural safety and health career representatives.

1:00 – 2:00 First round of breakout sessions

2:00 – 2:15 Break

2:15 – 3:15 Second round of breakout sessions

3:15 – 3:30 Break

3:30 – 4:30 Third round of breakout sessions

4:30 – 6:00 Poster Session Reception

Wednesday, November 16

8:00-8:30am Registration

8:30 - 9:30 Welcome from I-CASH Director Brandi Janssen, PhD
Keynote: Diane Rohlman, PhD, University of Iowa

9:30-9:45 Break and Move to Concurrent Panels

9:45 – 10:45 Concurrent Panels:
1. Immigrant & Migrant Workers. Facilitator: Sonia Reyes-Snyder, Office of Latino Affairs
2. Behavioral Health. Facilitator: Margaret Van Ginkel, Iowa Concern Hotline Coordinator

10:45 – 11:00 Break and Move into Table Groups

11:00 – Small Group Discussions – Making it Local, Community-level Collaborations:
12:00pm ATV Safety: Charles Jennissen, MD Grain Safety: Robert Aherin, PhD
Beginning Farmers: Brandi Janssen, PhD Immigrant Populations: Diane Rohlman, PhD
Behavioral Health: Marsha Cheyney, MS Outreach Strategies: Ellen Duysen, MS

12:00 – 1:00 Awards Luncheon

1:00 – 5:00 Agricultural Health Fair and Safety Exposition
### Breakout Session Presenters and Topics

#### Session 1

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<tr>
<td>A. Great View</td>
<td><strong>Comprehensive Grain Safety Training Program &amp; Resources.</strong> Robert A. Aherin, PhD, CSP. University of Illinois and Grain Handling Safety Coalition.</td>
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<td><strong>A Statistical Analysis of Feedback Surveys From The Grain Handling Safety Coalition Train the Trainer Program to Determine Preferred Teaching Methods to Grain Bin Safety Educators.</strong> Jaime Thissen, Graduate Research Fellow, NIOSH Trainee, University of Illinois Department of Agricultural &amp; Biological Engineering.</td>
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<td>B. South West</td>
<td><strong>Reaching Farmers with Safety and Health Resources.</strong> Shari Burgus, MEd, EdS, Farm Safety For Just Kids.</td>
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<td><strong>How Rural Male Farmers in Southwest Ontario Seek Health Information for Farm-related Injury and Other Health Issues.</strong> Bradley Hiebert, PhD candidate, The University of Western Ontario.</td>
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<td>C. South East</td>
<td><strong>It Takes a Village: Challenges and Strategies for Preventing ATV and ROV Deaths and Injuries in Rural Communities.</strong> Gerene Denning, PhD, Director of Emergency Medicine Research, University of Iowa.</td>
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<td><strong>Occupational &amp; Recreational Side-by-Side Vehicle Exposure, Safety Behaviors, &amp; Crash Experiences of Iowa Future Farmers of America Members.</strong> Charles Jennissen, MD, University of Iowa.</td>
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#### Session 2

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<td>A. Great View</td>
<td><strong>Global is Local: Developing a Multidisciplinary Mobile Health Experiential Rotation Working with Migrant and Seasonal Farmworkers in Rural Minnesota.</strong> Jonathan Kirsch, MD, University of Minnesota Medical School.</td>
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<td><strong>Perceptions of Occupational Health and Safety among Latino Immigrant Hog CAFO Workers.</strong> Athena Ramos, S, MBA, CPM, University of Nebraska Medical Center.</td>
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<td>B. South West</td>
<td><strong>Training Student Pharmacists to Become Partners in Agricultural Health and Safety.</strong> Kelly A. Cochran, PharmD, BCPS, University of Missouri-Kansas City School of Pharmacy.</td>
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<td><strong>Sorting Through the Spheres of Influence.</strong> Casper Bendixen, PhD, Marshfield Clinic.</td>
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<td>C. South East</td>
<td><strong>Making the Grade: Health &amp; Safety Training for Teens.</strong> Carolyn Sheridan, BSN, AgriSafe Network.</td>
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<td><strong>Safety Principles that Apply to Multiple Agricultural Tasks for Youth.</strong> Debra Erickson, Masters in Agricultural Education student, Iowa State University.</td>
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#### Session 3

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<tr>
<td>A. Great View</td>
<td><strong>A Summary of Injuries Reported at Swine Production Companies.</strong> Jessica Evanson, DVM, MPH, Center for Animal Health and Food Safety, University of Minnesota.</td>
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<td><strong>On-the-Farm Screening for Cardiovascular Risk Factors among Migrant Agricultural Workers in Southeast Minnesota (A Pilot Prospective Study).</strong> Tamim Rajjo, MD, MPH, Mayo Clinic.</td>
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<td>B. South West</td>
<td><strong>Traumatic Agricultural Injuries in Nebraska: Exploring the Use of Trauma Registry Data for Surveillance.</strong> Ketki Patel, MD, MPH, Office of Epidemiology, Division of Public Health, Nebraska Department of Health and Human Services.</td>
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<td><strong>Humpty Dumpty Spends a Year on the Farm.</strong> Kathy Leinenkugel, MPA, Iowa Department of Public Health.</td>
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<td>C. South East</td>
<td><strong>Health Outcomes among Beginning Farmers.</strong> Maya Ramaswamy, MEng, University of Iowa.</td>
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<td><strong>Protecting Young Adults in the Agricultural Workforce.</strong> Charlotte Halverson, BSN, COHN-S, AgriSafe Network.</td>
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Posters

I-CASH Youth Grant Recipients 1998-2016. Ralph Altmaier, MS, University of Iowa.

Total Worker Health® in Agriculture.” Ashamsa Aryan, Shelly Campo, Kevin M. Kelly, Diane Rohlman, University of Iowa.

Hidden Hazards Display – Planning and Building. Roxanne Fuller, Executive Director, Buchanan County ISU Extension and Outreach.

Development of a Noise Induced Hearing Loss Simulation Tool for Educating Young Farmers. Jenna L. Gibbs, MPH, PhD, Research Coordinator, Great Plains Agricultural Health Center, University of Iowa.

A Year of Health and Safety: I-CASH Seasonal Campaigns. Ashlee Johannes, MS, University of Iowa.

Track That: Designing a safety intervention using the Social Cognitive Theory, Josie Rudolph, MS and Diane Rohlman, MA, PhD, University of Iowa.

Addressing Health and Safety Concerns Regarding Volunteer Labor on Small Farms: Grow Johnson County, DeAnn Scott-Harp, MS Candidate, University of Iowa.

Sustainability Analysis of Safety Practices as Part of in Dolakha, Nepal Regarding Essential Oil Production. Jaime Thissen, Graduate Research Fellow, NIOSH Trainee, University of Illinois Department of Agricultural & Biological Engineering.

Occupational Side-by-Side Vehicle Exposure, Safety Behaviors and Crash Experiences of Iowa FFA Members, Karen Thornton, PhD student, University of Iowa.

Conference Purpose

To acquaint attendees with the multiple disciplines, emerging research, current programming and key organizations in rural and agricultural health and strengthen collaborative relationships among producers, farm workers, ag business, research, policy and agricultural health/safety partners.

Session Objectives

- List the safety training programs and resources available through the Grain Handling Safety Coalition.
- Discuss real-world examples that apply the hierarchy of control to “design hazards out” of agriculture.
- Describe the results of a study concerning preferred training methods in relationship to grain bin hazards and safety measures.
- Identify differences in hazard perceptions and preferred communications channels among various farmer demographic groups.
- List several examples of methods used by male farmers to seek health information.
- Name the three “Es” of injury prevention and give an example of each related to ATV or ROV safety.
- Summarize the risk factors that are associated with the increased likelihood of teens having a side-by-side crash.
- Discuss the unique challenges of healthcare delivery for the migrant farm worker population.
- Identify the concerns of immigrant farmworkers who participated in the Health & Job Hazards of Latino CAFO Workers in Missouri study.
- Explain how student pharmacists can be equipped with skills to become partners in agricultural health and safety.
- Name the actors most trusted by dairy farmers
- Explain the educational benefits of live streaming to high school classrooms for the purposes of teaching young agricultural workers about occupational safety and health.
- List three primary safety principles that all agricultural tasks should include for young workers
- Identify the body parts most commonly injured as a result of animal interaction injuries.
- List two challenges faced by agricultural migrant workers in accessing health care services.
- Explain the potential usefulness of Nebraska’s Trauma Registry for surveillance of traumatic agricultural and other work-related injuries.
- List two of the most common causes of non-fatal farm injuries requiring hospitalization, as well as two of the most common causes of fatal farm injuries.
- Describe the people who make up the beginning farmer subset of agricultural workers, particularly through demographic information.
- Identify physical and psychological development factors that should be considered when training and employing young adults in the agricultural sector.
- Summarize demographic and cultural trends in the farmworking population that impact workers’ health and safety
- Outline the important role played by agricultural producers and workers in creating healthier practices and environments, especially in issues related to immigrant and migrant farm workers.
- Outline the important role played by agricultural producers and workers in creating healthier practices and environments, especially in issues related to behavioral health.
- Outline the important role played by agricultural producers and workers in creating healthier practices and environments, especially in issues related to grain handling safety.
- Identify safety and health research goals and priorities in agriculture and how they can be used to decrease injury and illness in agriculture workers.
Continuing Education Credit

Social Work: On October 5, 2005, the Iowa Board of Social Work Examiners changed the rules of social work CEUs. The Board no longer approves continuing education sponsors, and now directs its licenses to review the continuing education criteria established in the rules. Social work CEUs will be offered, but it is up to the participant to determine if this program is deemed appropriate for your profession. If you have questions, please contact the Iowa Board of Social Work Examiners.

Nursing: The University of Iowa College of Nursing is an Iowa Board of Nursing Approved Provider Number 1. Midwest Agricultural Safety and Health Conference 2016 is approved for 5.75 contact hours on Tuesday, November 15, 2016 and 3.0 contact hours for Wednesday, November 16, 2016. The Heartland Center requires full-time attendance for CEU award.

CHES: This program qualifies for Category II CHEC credits.

General: The University of Iowa awards 14.75 hours of General Education Units for full-time attendance. Tuesday, November 15 is 7.75 hours (.8 CEUs), Wednesday, November 16 is 7.0 hours (.7 CEUs).

The Heartland Center for Occupational Health and Safety located at the University of Iowa’s College of Public Health provides graduate training, continuing education and outreach in the area of occupational health and safety. For more information on continuing education and graduate programs, visit http://www.public-health.uiowa.edu/heartland/.

Optional Events: There are several optional events that have no additional charge, but we ask you to sign up on the registration in order to plan appropriately.

Graduate Student Luncheon. During lunch on November 15, grad students have the option to join a variety of mentors in a small group to explore a variety of career paths in agricultural safety and health.

Poster Session Reception. A poster session on the evening of November 15 will feature a number of research and project posters, light appetizers, music and an opportunity for networking.

Agricultural Health Fair and Safety Exposition. On the afternoon of November 16, conference participants and area farmers, farm workers and families are invited to attend a health fair. Demonstrations, educational displays and information, health screenings and safety items will be available as will rotating presentations.

Lodging

Holiday Inn Express & Suites is located across the parking lot from the Terrace View Event Center. The hotel offers free parking and ADA accessible facilities throughout. The smoke-free hotel offers amenities including free high speed internet, indoor pool & whirlpool, fitness center, and Express Start hot breakfast bar.

Hotel rooms and rates: Holiday Inn Express conference rates are guaranteed until October 14:
Two Queen beds - $134.00 per night
Single King - $139.99
Two Queen Suite - $149.99
The hotel also honors AAA and government rates. Reservations can be made by calling 712-722-3500. Holiday Inn Express & Suites is located at 100 Saint Andrews Way, Sioux Center, IA.
Registration Information

Online Registration:

or

Paper Registration
Complete and mail the registration form on the last page of this brochure. The address is below.

Registration Fees:

$160 Full Registration- Conference Track (Tuesday and Wednesday)
$80 Single Day Registration (Tuesday or Wednesday)

$120 Full Conference or $60/day Student (must show student ID) or Independent Producer

Pre-registration is requested. The registration deadline is Friday, November 4, 2016.

Registration fees include all program materials, instruction, lunch, and refreshment breaks. All registration fees must be paid in advance of the conference.

Meals are included in your full or single day registration fee, but we need to know which events you plan to attend in order to have meals and the appropriate space reserved for you. Please indicate on the registration form which of the following events you plan to attend:
- Tuesday, November 15 buffet lunch
- Tuesday, November 15 poster reception
- Wednesday, November 16, Awards Luncheon

Payment methods: check or credit card.

Mail to: UI Center for Conferences
250 CEF
Iowa City, IA 52242
FAX: 319-335-4039

Registration questions: Contact the Center for Conferences @ 319-335-4141 or conferences@uiowa.edu

Cancellation Policy

If your registration is cancelled before the November 4 deadline, the registration fee will be refunded, less a $25 administrative fee. After November 4, please transfer your registration to another attendee or call the Center for Conferences at 319-335-4141 to donate your registration to a student attendee or non-profit organization.
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**Registration Fees:**

| Full Registration: Conference Track (Tuesday and Wednesday) | □ $160 Full Conference               |
|                                                              | □ $80 Tuesday only                    |
|                                                              | □ $80 Wednesday only                  |

| Student (ID) or Independent Producer:          | □ $120 Full Conference                |
|                                               | □ $60 Tuesday only                    |
|                                               | □ $60 Wednesday only                  |

| Optional Wednesday Afternoon Health Fair:     | □ 1:00 – 5:00 pm Agricultural Health Fair and Safety Exposition |
|                                               | There is no additional charge for this, but we would appreciate accurate numbers in order to have the appropriate amount of materials. |

The events/meals below are included in your full or single registration fee, but we need to know which events you plan to attend in order to have meals and the appropriate space reserved for you. Please indicate which of the following events you plan to attend:

- □ November 15 grad student lunch
- □ November 15 poster/exhibit reception
- □ November 16 awards luncheon

| Special Dietary Needs: ___________________________ |

Make checks payable to UI Center for Conferences

**TOTAL =**

| Credit card: VISA □ Mastercard □ Discover □ |

| Card No: | Exp Date: | CCID: |

| Name on card: |

| Street Address: | City: |

| State: | Zip code: |

| Signature: |

**Mail registration form to:**
UI Center for Conferences
250 CEF, Iowa City, IA 52242

**FAX to:** 319-335-4039

**Registration Questions?** Contact the Center for Conferences at 319-335-4141 or conferences@uiowa.edu