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. 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:
# Conference Schedule

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

## Tuesday, November 15

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00-8:30am</td>
<td>Registration, exhibit setup</td>
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<tr>
<td>8:30 – 9:00</td>
<td><em>Welcome</em> by GPCAH Director Renée Anthony, PhD, CIH, CSP</td>
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<tr>
<td>9:00 – 9:45</td>
<td><strong>Agricultural Health and Safety by Design</strong> Keynote: Wayne Bauer, Founder of the Grain Entrapment Prevention Initiative</td>
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<tr>
<td>9:45 – 10:00</td>
<td>Break</td>
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<tr>
<td>10:00 – 12:00</td>
<td><strong>Panel: Perspectives on Safety by Design</strong>, Moderator Carolyn Sheridan, RN, BSN, AgriSafe Clinical Director.</td>
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<tr>
<td>12:00 – 1:00pm</td>
<td>Lunch. Special lunch space for students and agricultural safety and health career representatives.</td>
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<tr>
<td>1:00 – 2:00</td>
<td>First round of breakout sessions</td>
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<tr>
<td>2:00 – 2:15</td>
<td>Break</td>
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<tr>
<td>2:15 – 3:15</td>
<td>Second round of breakout sessions</td>
</tr>
<tr>
<td>3:15 – 3:30</td>
<td>Break</td>
</tr>
<tr>
<td>3:30 – 4:30</td>
<td>Third round of breakout sessions</td>
</tr>
<tr>
<td>4:30 – 6:00</td>
<td>Poster Session Reception</td>
</tr>
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## Wednesday, November 16

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00-8:30am</td>
<td>Registration</td>
</tr>
</tbody>
</table>
| 8:30 - 9:30 | *Welcome* from I-CASH Director Brandi Janssen, PhD.  
*Keynote: To be announced* |
| 9:30-9:45  | Break and Move to Concurrent Panels                                   |
| 9:45 – 10:45| **Concurrent Panels:**  
1. Immigrant & Migrant Workers  
2. Behavioral Health  
3. Grain Handling Safety |
| 10:45 – 11:00| Break and Move into Table Groups                                      |
| 11:00 – 12:00| **Small Group Discussions – Making it Local, Community-level Collaborations**: Small group table discussions on working together, next steps. |
| 12:00 – 1:00 | Awards Luncheon                                                      |
| 1:00 – 5:00 | **Agricultural Health Fair and Safety Exposition**                   |
### Breakout Session Presenters and Topics

#### Session 1

**A. Great View Room:**

1. **Comprehensive Grain Safety Training Program & Resources.** Robert A. Aherin, PhD, CSP. University of Illinois and Grain Handling Safety Coalition.

2. **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.** Jaime Thissen, Graduate Research Fellow, NIOSH Trainee, University of Illinois Department of Agricultural & Biological Engineering.

**B. South West Hall:**

1. **Reaching Farmers with Safety and Health Resources.** Shari Burgus, MEd, EdS, Farm Safety For Just Kids.

2. **How Rural Male Farmers in Southwest Ontario Seek Health Information for Farm-related Injury and Other Health Issues.** Bradley Hiebert, PhD candidate, The University of Western Ontario.

**C. South East Hall:**

1. **It Takes a Village: Challenges and Strategies for Preventing ATV and ROV Deaths and Injuries in Rural Communities.** Gerene Denning, PhD, Director of Emergency Medicine Research, University of Iowa.

2. **Occupational & Recreational Side-by-Side Vehicle Exposure, Safety Behaviors, & Crash Experiences of Iowa Future Farmers of America Members.** Charles Jennissen, MD, University of Iowa.

#### Session 2

**A. Great View Room:**

1. **Global is Local: Developing a Multidisciplinary Mobile Health Experiential Rotation Working with Migrant and Seasonal Farmworkers in Rural Minnesota.** Jonathan Kirsch, MD, University of Minnesota Medical School.

2. **Perceptions of Occupational Health and Safety among Latino Immigrant Hog CAFO Workers.** Athena Ramos, S, MBA, CPM, University of Nebraska Medical Center.

**B. South West Hall:**

1. **Training Student Pharmacists to Become Partners in Agricultural Health and Safety.** Kelly A. Cochran, PharmD, BCPS, University of Missouri-Kansas City School of Pharmacy.

2. **Sorting Through the Spheres of Influence.** Casper Bendixen, PhD, Marshfield Clinic.

**C. South East Hall:**

1. **Making the Grade: Health & Safety Training for Teens.** Carolyn Sheridan, BSN, AgriSafe Network.

2. **Safety Principles that Apply to Multiple Agricultural Tasks for Youth.** Debra Erickson, Masters in Agricultural Education student, Iowa State University.

#### Session 3

**A. Great View Room:**

1. **A Summary of Injuries Reported at Swine Production Companies.** Jessica Evanson, DVM, MPH, Center for Animal Health and Food Safety, University of Minnesota.

2. **On-the-Farm Screening for Cardiovascular Risk Factors among Migrant Agricultural Workers in Southeast Minnesota (A Pilot Prospective Study).** Tamim Rajjo, MD, MPH, Mayo Clinic.

**B. South West Hall:**

1. **Traumatic Agricultural Injuries in Nebraska: Exploring the Use of Trauma Registry Data for Surveillance.** Ketki Patel, MD, MPH, Office of Epidemiology, Division of Public Health, Nebraska Department of Health and Human Services.

2. **Humpty Dumpty Spends a Year on the Farm.** Kathy Leinenkugel, MPA, Iowa Department of Public Health.

**C. South East Hall:**

1. **Health Outcomes among Beginning Farmers.** Maya Ramaswamy, MEng, University of Iowa.

2. **Protecting Young Adults in the Agricultural Workforce.** Charlotte Halverson, BSN, COHN-S, AgriSafe Network.
**Posters**

**I-CASH Youth Grant Recipients 1998-2016.** Ralph Altmaier, MS, 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 Rudolphi, 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.

**Behavioral Objectives**

*Following the Conference Plenary Sessions, participants will be able to:*

1. Strengthen collaborative relationships among producers, farm workers, ag business, research, policy and agricultural health/safety partners.
2. Explore real world examples that apply the hierarchy of control to “design hazards out” of agriculture.
3. Become acquainted with the multiple disciplines, emerging research, current programming and key organizations in rural and agricultural health.
4. Recognize the important role played by agricultural producers and workers in creating healthier practices and environments, especially in issues related to immigrant farm workers, behavioral health and grain handling safety.
5. 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.

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 at is just 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 a number of amenities to ensure a comfortable stay including free high speed internet, indoor pool and 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.
### Name: [__________________________]

### Profession: [__________________________]

### Degree: [__________________________]

### Employer: [__________________________]

### Address: [__________________________]

### Phone: [__________________________]

### Email: [__________________________]

#### Type of CEU Preferred:
- [ ] General
- [ ] Other [__________________________]

#### If Requesting CEUs:

- **Employer type:** [__________________________]

- **Birth month:** [__________________________]

- **Birthday:** [__________________________]

- **Last 4 digits of SSN:** [__________________________]

- **Nursing license number:** [__________________________]

- **Nursing license state:** [__________________________]

#### 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:** There is no additional charge for this, but we would appreciate accurate numbers in order to have the appropriate amount of materials.
- [ ] 1:00 – 5:00 pm Agricultural Health Fair and Safety Exposition

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