



## OUTREACH AND ENGAGEMENT

UMASH works to connect people to agriculture and those interested in the health and safety of workers and their families.

- Engaging producers, farm workers, and others in agriculture to consider all perspectives.
- Facilitating forums on emerging or existing issues in agricultural safety and health to encourage discussion about complex issues.
- Sharing new and existing safety resources, research updates, and events through a variety of communication channels.



## NIOSH AG CENTERS

UMASH is one of eleven **Centers of Excellence in Agricultural Disease and Injury Research, Education, and Prevention** funded by the National Institute for Occupational Safety and Health (NIOSH). UMASH partners with the Ag Centers to promote health and safety in agriculture.



*The best agricultural safety videos are just a click away!*



[YouTube.com/USAgCenters](https://www.youtube.com/USAgCenters)

UMASH is a multidisciplinary collaboration of five leading research and health care institutions bringing together unique and complimentary expertise.



*The Upper Midwest Agricultural Safety and Health Center is funded by a cooperative agreement from the National Institute of Occupational Safety and Health (NIOSH), U54OH010170 (2009-2021).*



## SUCCESS STORIES IN AGRICULTURAL SAFETY AND HEALTH



Upper Midwest  
Agricultural Safety  
and Health Center



## IMPROVING THE SAFETY AND HEALTH OF AGRICULTURAL WORKERS AND FAMILIES

*Addressing existing and emerging issues through research, prevention, and education.*

### DID YOU KNOW?

- Farmers are 6 times more likely to die on the job.
- Ag workers' injury rate is 40% higher than other US workers.
- Lost work results in higher costs for producers and consumers.
- All of these injuries are preventable.

## ONE HEALTH IN AGRICULTURAL SAFETY AND HEALTH

UMASH embraces a One Health philosophy that recognizes connections between human, animal, and environmental health when addressing occupational health and safety issues in agriculture.





# UMASH SUCCESS STORY HIGHLIGHTS FROM THE UPPER MIDWEST

*Emerging Issues • Worker Training • Building Partnerships • Research to Practice • Raising Awareness*

## FARMER STRESS AND MENTAL HEALTH



UMASH is helping to build resiliency in agricultural communities by bringing together diverse perspectives to understand and address gaps, identify opportunities and build partnerships for action.

- ⇒ In June 2018, UMASH and the MN Department of Agriculture hosted a working forum, ***“Building Resilient Agricultural Communities”***.
- ⇒ **3 partner projects** were funded, including:
  - mental health stories and suicide prevention training in rural MN counties;
  - resiliency in women in agriculture; and
  - stress and mental health in college students studying agriculture

## FARM SAFETY CHECK



**FARM SAFETY  
CHECK**

Monthly checklists that help raise awareness about common hazards on the farm. This awareness resource serves as an on-going reminder for farmers to identify and remedy hazards on the farm before they cause harm to employees or family.

- ⇒ **21 topic-specific checklists** with links to educational resources.
- ⇒ **Well received by agricultural media** and others; frequently featured in articles, newsletters and on social media.
- ⇒ Increased reach with farmers in MN, IA, ND, SD, WI and beyond; **over 10,000 pages views** of Farm Safety Check content.

## TRAINING RURAL FIREFIGHTERS



UMASH partnered with the National Farm Medicine Center and the Pittsville, WI Fire Dept to train firefighters/EMS to promote health and safety on the farm using a hands-on train-the-trainer program.

- ⇒ **40+ firefighters/EMS trained** in WI, MN, NY and MA. New trainers are now training others, including **20+ new participants** in WI, VT, OH.
- ⇒ **Produced highlight video** for promoting the training program.

## DAIRY WORKER SAFETY TRAINING



Addressing the needs of Spanish speaking dairy workers using a train-the-trainer curriculum to deliver health and safety training to workers with limited formal education, low literacy levels and little experience or safety training.

- ⇒ **836 workers** trained on **67 farms** in MN and WI.
- ⇒ Program updated and being implemented on **30 new farms in MN**.
- ⇒ Requests for curriculum from **50+ organizations in the US and beyond**.

## TELLING THE STORY PROJECT



UMASH is collaborating with two other US Ag Centers to create stories that weave injury prevention messages into personal stories told by farmers, farm workers and their families. The project aims to decrease injuries and fatalities on farms by raising safety awareness.

- ⇒ Featured in U.S. numerous **mainstream and agricultural media**.
- ⇒ Teachers are broaching the “boring” topic of safety by using **discussion guides** created by the “Telling the Story” team.

## PREVENTING NEEDLESTICK INJURIES



UMASH identified a need for education and training resources to decrease needlestick injuries in animal agriculture.

- ⇒ **Produced 2 videos** (in English and Spanish) with **over 5,700 views and 75,000 minutes watched** on YouTube.
- ⇒ **Requests to co-brand resources** for greater use and distribution by industry.
- ⇒ In **OSHA Guidance Documents** for Dairy Local Emphasis Program in WI.

## AGRITOURISM: THE NEW FRONTIER



Keeping visitors safe on the farm by creating training and awareness materials for agritourism operators to prevent injury and illness at animal contact venues.

- ⇒ **3 agritourism safety videos**; over 3,300 views and 4,870 minutes watched
- ⇒ **Bilingual handwashing posters** and educational brochure for visitors
- ⇒ Developed **Safe Farm Animal Contact Exhibits (Safer FACES)** on-line voluntary certification program for venue operators.

## LOW STRESS ANIMAL HANDLING



Through collaboration with dairy experts at the University of Minnesota, UMASH produced bilingual training resources (*videos and factsheets*) on low stress animal handling to reduce injuries on the farm for both animals and the workers.

- ⇒ **5-part video series** (English and Spanish); **over 25,000 views and 44,900 minutes watched**. U of MN Ag Education faculty created **lesson plans**.
- ⇒ Delivered on iPads to **over 2,000 dairy workers** in the southwest US.

READ MORE AT: [umash.umn.edu/success-stories](http://umash.umn.edu/success-stories)