



# 2018 Year in Review





## WHO WE ARE

The **Ag Health and Safety Alliance™** is a 501 (c) 3 international nonprofit organization, registered in the United States and Canada, that focuses on health and safety for the *next generation of agriculture*.

## CORE PROGRAM

**Gear Up for Ag Health and Safety™** focuses on educating the next generation of agriculture by interacting with students at Ag Colleges and high schools. This program is applicable to any student engaged in agriculture. More information about our interactive program can be found on our website.

Agriculture is one of the most dangerous industries in the nation. Each year, more than 2 million youth under the age of 20 are exposed to farm-related safety and health hazards.

Many more young adults ages 20-25 are also actively involved in agriculture. As a result, a significant number of young people are killed, injured, permanently disabled or experience short or long term illnesses from Ag exposures. The Gear Up for Ag™ program focuses on prevention strategies, appropriate selection and use of personal protective equipment, interactive demonstrations and distribution of PPE.



*The development of a program designed to address the health and safety issues for College Ag students is a passion of mine that gives me the opportunity to connect with students and work with colleagues across North America and around the*

*globe. This year Ag Health and Safety Alliance™ reached students in 21 colleges from five countries and delivered Ag health and safety programs through our work with many international partners.*

*We would like to thank our colleagues, partners, sponsors and college instructors who provided support to help make our program successful in 2018.*

**Carolyn Sheridan, Founder and President**

## WHAT WE DO

- Interactive Education
- Customized Programs
- International Program Delivery
- Resource and Program Partnerships
- Specialized Program Development
- Live Demonstrations
- Program Evaluation
- Student Surveys
- PPE Kits



**5 Countries    20 Colleges    37 Classes    1447 Students**

### 2018 Gear Up for Ag Health and Safety™

Location	Colleges	Classes	Students
United States	10 colleges	20 classes	682
Canada	5 colleges	11 classes	611
Australia	4 colleges	4 classes	159
Denmark	1 college	2 classes	35
Sweden	1 college	1 class	20
<b>Total</b>	<b>21</b>	<b>38</b>	<b>1507</b>

Our experience in **international program delivery** gives us the ability to offer programs in many areas around the globe. Through partnerships and modifications of the core program, our programs reached students in the United States, Canada, Australia, Denmark and Sweden.



*The fundamental goal of the Gear Up for Ag™ program is to provide Ag health and safety knowledge to the next generation of Agriculture.*

*In my role as program director, I think it is important to add the personal and customized touch to make the program fun and relevant so students are prepared to make decisions that will have a lifelong impact on their health and safety.*

**David Sullivan, Program Director**



# CORE PROGRAM

## GEAR UP for AG HEALTH & SAFETY™

This program focuses on educating the next generation of agriculture by interacting with students at Ag Colleges and high schools. This program is applicable to any student engaged in agriculture. Customized programs are available so the program can be adapted to include multi-generational groups and Ag workers.

### Program Options

Three levels of this program are available depending on the amount of time available to deliver the program.

- **Level 1:** Minimum of 3 hours
- **Level 2:** 2 hours
- **Level 3:** 1 hour minimum

### Program Content

- **Pre-Survey** of student/participant provides information to customize each program
- **Lecture** – Ag Health and Safety high-risk areas in agriculture with preventive health and safety strategies
- **PPE Demonstration:** Interactive demonstration of personal protective equipment for many types of agricultural exposures with discussion of appropriate Personal Protective Equipment (PPE) for individual exposures.
- **Resource:** Discussion and distribution including local and regional resources.
- **PPE Startup Kit Distribution**
- **Post survey** of student/participant

### PPE Kit Example

- Safety Glasses
- Disposable chemical resistant gloves
- Reusable chemical resistant gloves (choice of size)
- Hearing protection – ear plug type
- 2 strap filtering face piece respirator
- Coverall (choice of size)
- Half mask cartridge respirator
- Reusable P100 filters for half-mask respirator (1 set)



*Thanks so much for your very valuable training. I really enjoyed it and appreciated that you made it fun! Gear Up for Ag exceeded my expectations!*

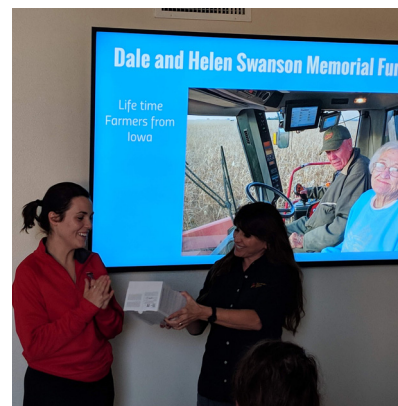
**Student Comment**

*I look forward to seeing you again next year at our college. Your energetic and engaging presentation covers many of the highlights of farm safety.*

**Instructor Comment**

## Locations and Numbers

Month	US Colleges	Number of Classes	Number Trained
November 2017	University of Arizona, Arizona	1	45
November 2017	Tennessee Tech, Tennessee	2	40
December 2017	South Central College, Minnesota	1	110
February 2018	Iowa State AgEds 450 Farm, Iowa	3	72
March 2018	Utah State University, Utah	1	30
August 2018	University of Arizona, Arizona	1	23
September 2018	Texas Tech, Texas	1	23
September 2018	Muleshoe High School, Texas	5	65
October 2018	Kirkwood Community College, Iowa	1	115
October 2018	Iowa State AgEds 450 Farm, Iowa	2	65
October 2018	University of Illinois, Illinois	1	34
December 2018	South Central College, Minnesota	1	60
	<b>10 Colleges</b>	<b>20 classes</b>	<b>682</b>



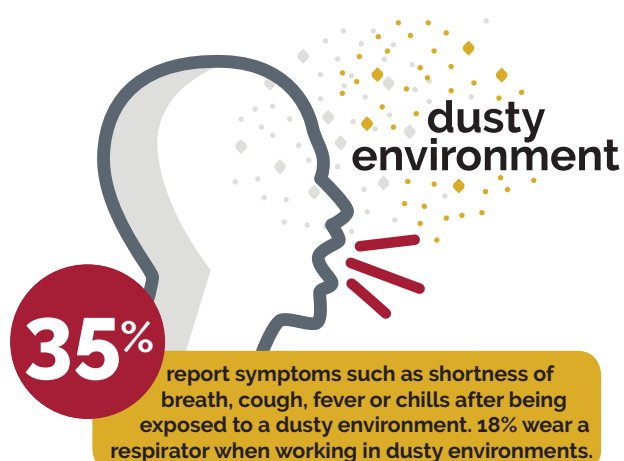
Date	International Programs Canada, Australia, Denmark and Sweden Colleges	Number of Classes	Number Trained
April 2018	Ridgetown College, Ontario	2	144
April 2018	Fanshawe College, Ontario	1	20
April 2018	Lakeland College, Alberta	2	130
February 2018	RIST, Australia	1	58
March 2018	Longernong, Australia	1	48
March 2018	Emmanuel, Australia	1	45
September 2018	Agricultural Education Center Aarhus, Denmark	2	35
September 2018	Swedish Agricultural University (SLU), Sweden	1	20
September 2018	Glenormiston College, Australia	1	8
October 2018	Olds College, Alberta	2	117
October 2018	University of Manitoba, Manitoba	4	200
	<b>11 colleges</b>	<b>18 classes</b>	<b>825</b>



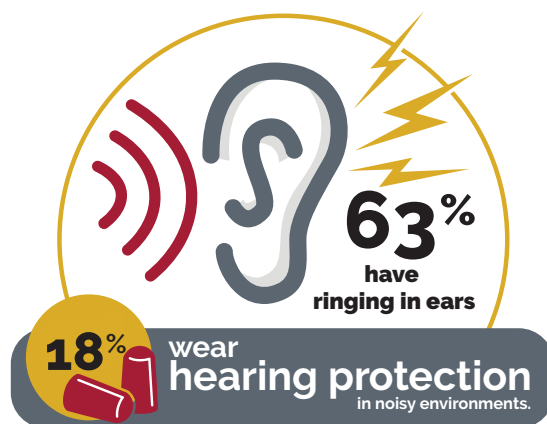
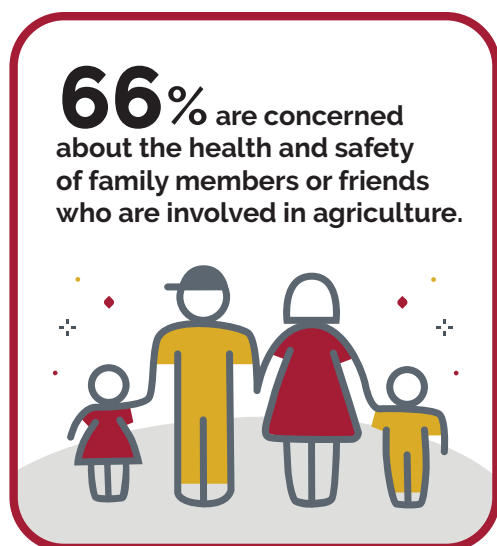
**803 of 1507** students completed a  
**Standardized** Pre Survey

**Gear Up for Ag Health and Safety™**

Survey Data from students in US, Canada,  
Australia, Denmark and Sweden



**OVER 90%** stated they will share information with family and friends regarding education and PPE related to hazards.



**84%** think it is **valuable** to receive **personal protective equipment** such as hearing protection, chemical gloves, coverall, respirator, and safety glasses.

**STUDENT  
DEMOGRAPHICS**  
**483** Male | **320** Female  
**597** 18-23 Years of Age



### **Gear Up for Ag Health and Safety™ Survey Information**

The program gains valuable information by following the Kirkpatrick's Four-Level Training Evaluation Model. This information also contributes to program improvements and future program development. Pre and post surveys provide information and data in four levels:

1. Reaction

2. Learning

3. Behavior

4. Results



The Ag Health & Safety Alliance™ provides Ag health and safety educational programs on the vitally important topics of Ag health and safety. Networking with organizations at conferences, educational programs and meetings provides an opportunity to promote Ag health and safety at the local, regional, national, and international levels.

Date	Educational Programs: Title and Location	Number Trained
February 2018	ASCHA Conference - Phoenix, Arizona	20
March 2018	Respiratory Fit Testing Workshop - Kearney, Nebraska	35
April 2018	American Farm Bureau National Safety Conference - Minneapolis, Minnesota	18
May 2018	Vermont Agricultural Health and Safety Training - Stowe, Vermont	18
June 2018	Agricultural Safety and Health: The Core Course - Iowa City, Iowa	28
July 2018	Central States Agricultural Health and Safety Course - Omaha, Nebraska	24
September 2018	NORDIC Conference Gear Up for Ag International Presentation - Oslo, Norway	65
October 2018	East Coast Migrant Stream Forum - Portland, Maine	15
September 2018	Hyline Safety Meeting - Jackson, Minnesota	25
October 2018	Hyline Safety Meeting - Spencer, Iowa	58
November 2018	Midwest Regional Ag Health and Safety Conference - Council Bluffs, Iowa	20
<b>Total Educational Program and Conference Participants</b>		<b>326</b>



# Gear Up for Ag™ Sponsors



Farm Credit Canada generously supports the Gear Up for Ag Health and Safety™ program in five Canadian provinces. This program support provides Ag health and safety education to over 1300 students.



3M Canada, 3M United States and 3M Denmark donates PPE for the Gear Up for Ag™ program, which provides all students with the opportunity to receive hands on demonstrations and a take home PPE kit.

## Gear Up for Ag™ Funding Support

Ag Health and Safety Alliance is able to reach the next generation of agriculture through funding support from Ag Health and Safety organizations in the United States, Canada and Australia.



The Upper Midwest Agricultural Safety and Health Center provided funding to add Mental Health in Agriculture to the Gear Up for Ag™ program and the

delivery of programs with this content. The creation of an Ag specific stress and mental health motion graphic assists with increasing awareness for students and others who are struggling with this issue.



The Southwest Center for Agricultural Health, Injury Prevention and Education provided funding to bring the Gear Up for Ag™ program to Ag educators, college Ag students and high school students in Texas.

Additional funding for evaluation and the development of a Heat Illness motion graphic increases awareness of this topic for students and others in regions impacted by heat illness.



Workplace Safety & Prevention Services provided

funding to add the STOP, THINK, ACT concept and prevention strategy to the Gear Up for Ag™ programs in Ontario, Canada. This funding assisted with development of a partnership with WSPS for ongoing program delivery for college students in Ontario.



**NATIONAL CENTRE FOR  
FARMER  
HEALTH**

The National Centre for Farmer Health provided funding to bring the

Gear Up for Ag program to Australia. This train the trainer model and ongoing partnership has resulted in ongoing program development and delivery of the Gear Up for Ag™ program to the next generation of Ag in Australia.

**Contact us to find out how you can work with  
the Ag Health & Safety Alliance™ as a sponsor or partner.**

### Dale & Helen Swanson Memorial Fund

Dale and Helen Swanson were lifetime farmers from Iowa who believed in the importance of health and safety on the farm and mentoring the next generation of Agriculture. Gear Up for Ag™ programs around the globe benefit from a memorial fund where one student in each program receives earmuffs.



# Partners

Ag Health and Safety Alliance™ works with many Ag Health and Safety organizations to deliver our programs. We collaborate with organizations to seek opportunities to deliver programs that include and share resources developed by our partners. Our team includes partnerships with individuals and organizations who are interested in this type of education and interaction to promote health and safety at the local, regional, national and international levels.

## Gear Up for Ag Health and Safety™ Program Partners



## Board of Directors

Ag Health and Safety Alliance is led by accomplished leaders who provide overall direction and leadership to AHSA.

**Carolyn Sheridan, RN, BSN**  
Founder  
Ag Health and Safety Alliance™

**Andrew (OP) McCubbins**  
Agricultural Leadership, Education, and  
Communications  
Texas A&M University

**Curtis Weber**  
President/CEO  
C Weber Consulting Ltd.

**Bryan Weichelt, PhD, MBA**  
Project Scientist  
National Farm Medicine Center  
National Children's Center for Rural and  
Agricultural Health and Safety

**Robby Frutchey**  
Lecturer in Charge  
Iowa State University  
AG450 Farm

**Risto Rautiainen**  
UNMC College of Public Health Director  
Central States Center for Agricultural Safety and  
Health (CS-CASH)

**Brenda Schoepp, NSch**  
Farmer, Author, Speaker, Mentor

**Jana Davidson**  
Education Content Specialist  
Progressive Agriculture Foundation®  
Progressive Agriculture Safety Days®

Find Ag Health and Safety Alliance™ on Instagram, Facebook and Snapchat!  
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