

Talking Safety: Why Safety Matters

BY JENNIFER MACLACHLAN, PID ANALYZERS, LLC

#ACSBOSTON #SAFETYMATTERS



UNITED STATES
DEPARTMENT OF LABOR

OSHA

English | Spanish

MENU

SAFE + SOUND



Safe + Sound Week Menu ▾

Join us for Safe + Sound Week, August 13-19, 2018

What Is Safe + Sound Week?

A nationwide event to raise awareness and understanding of the value of safety and health programs that include management leadership, worker participation, and a systematic approach to finding and fixing hazards in workplaces.

Why Participate?

Safe workplaces are sound businesses. Successful safety and health programs can proactively identify and manage workplace hazards before they cause injury or illness, improving sustainability and the bottom line. Participating in Safe + Sound Week can help get your program started or energize an existing one.

Safe workplaces are sound businesses.



Every workplace should have a safety and health program that includes management leadership, worker participation, and a systematic approach to finding and fixing hazards.



Wherever you are, **take a step in the right direction.**

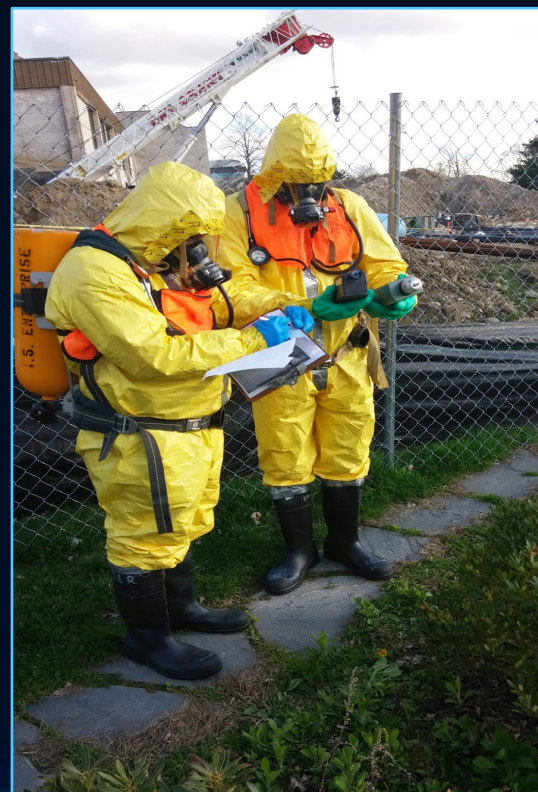
**Join the Safe + Sound Campaign
Today!**

@pidgirl and @pidguy



PHOTO CREDIT: ASHLEE WILCOX

Since 1973, our products have been used to
protect the safety & health of workers



I'M CHAIRING THE AIHA NATIONAL SAFETY MATTERS TASK FORCE

Current goals for the Safety Matters Task Force:

- 1) Getting Safety Matters into the AIHA Local Section/Chapters action plans as a priority for 2018
- 2) Creating an easy reporting/sharing mechanism about Safety Matters activities (outreach & legislative etc.)
- 3) Creating "pitch" materials (email templates) for getting into schools/clubs for the educational outreach component as well as legislative
- 4) Taking legislative action-Include options for action

aiha.org



Getting to Know Safety Matters Task Force Chair Jennifer Maclachlan

September 19, 2017

Category: [Dialogues](#)



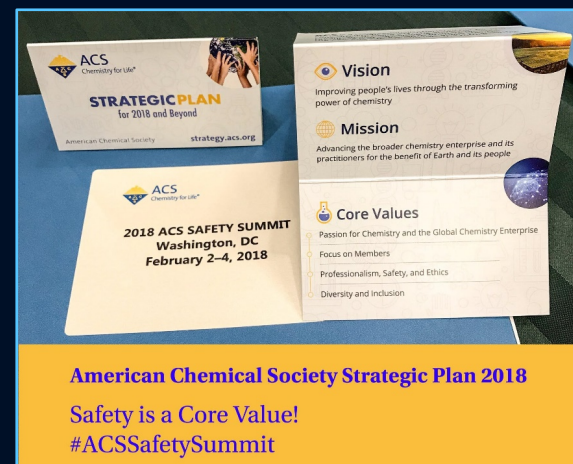
An Interview by Berrak Sarikaya

On average, 60,000 young workers between the ages of 15 and 17 are injured seriously enough to warrant a trip to the emergency room each year. In 2015, AIHA

announced the **Safety Matters** initiative for young workers. We knew that for it to be successful, we needed to turn to our members to bring the initiative to their local communities.

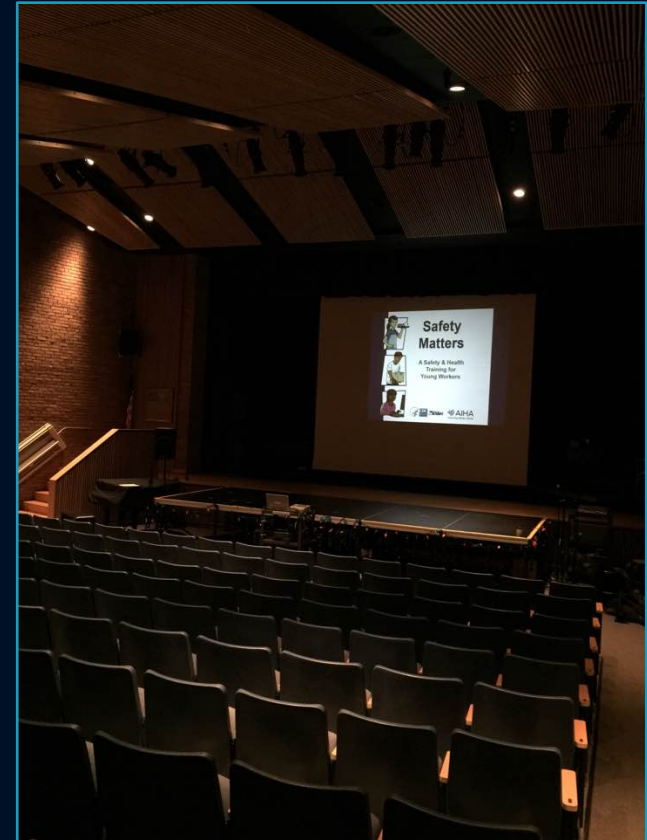
Jennifer Maclachlan, who was present at the unveiling of the program in 2015, helped us pilot it at area schools in Cape Cod, Mass.



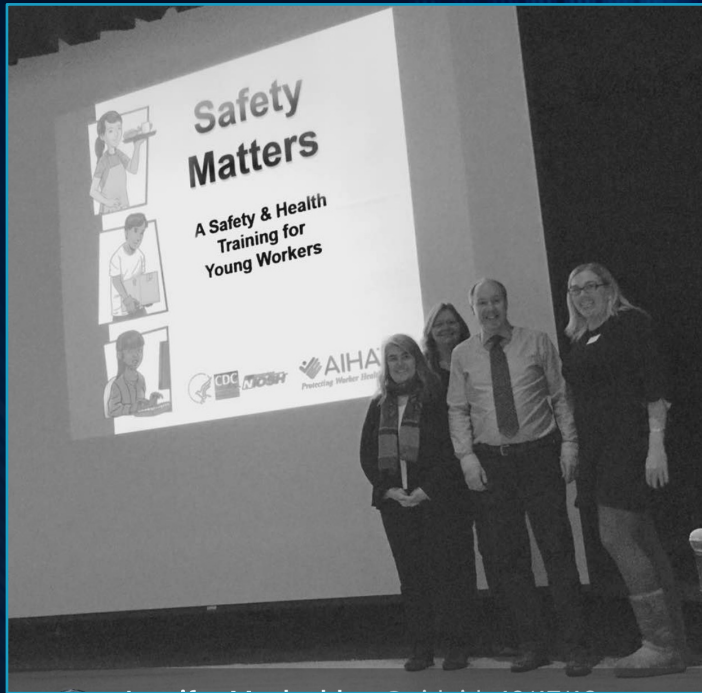


IN THIS PRESENTATION TODAY WE WILL

1. LEARN ABOUT THE SAFETY MATTERS PROGRAM
2. LEARN HOW TO FACILITATE THE SAFETY MATTERS CURRICULUM
3. LEARN HOW TO CONNECT WITH LOCAL EDUCATORS TO BRING SAFETY MATTERS INTO THEIR PROGRAMS
4. INSPIRE EDUCATORS TO ADD SAFETY MATTERS INTO THEIR CURRICULUM
5. CONNECT WITH LOCAL MEDIA TO PUBLICIZE THE PROGRESS OF THE SAFETY MATTERS PROGRAM
6. LEARN HOW TO CONNECT WITH LEGISLATORS TO TAKE LEGISLATIVE ACTION SO EDUCATORS ARE MADE AWARE OF THE IMPORTANCE OF THE PROGRAM AND ARE ENCOURAGED TO ADAPT IT INTO THEIR CURRICULUM



Bringing Safety Matters to educators in your community is your chance to give back to the EHS/OHS profession

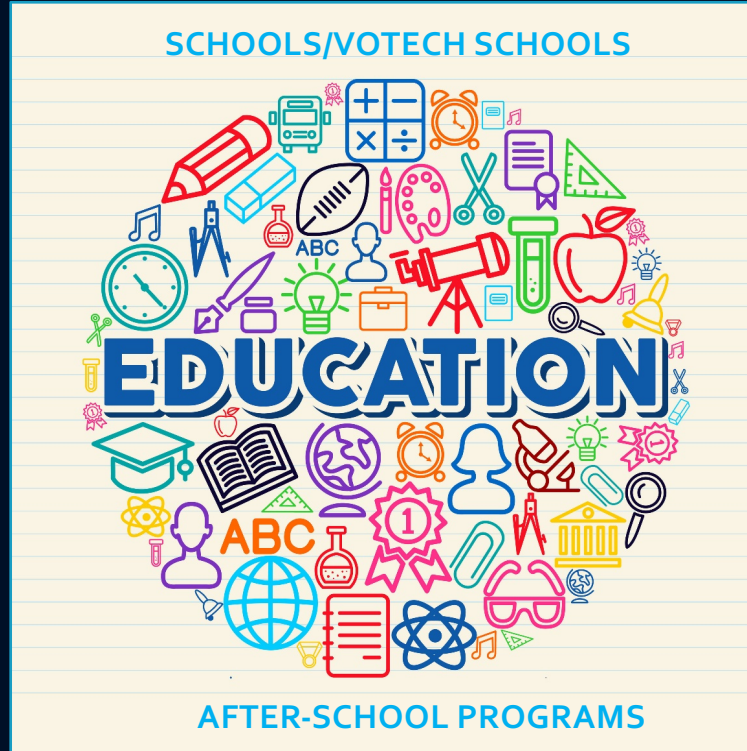


How do you obtain the Safety Matters facilitator presentation?



[HTTPS://WWW.AIHA.ORG/GET-INVOLVED/SAFETYMATTERSCENTER/PAGES/SAFETY-MATTERS-TRAINING-PROGRAM.ASPX](https://www.aiha.org/get-involved/safetymatterscenter/pages/safety-matters-training-program.aspx)

Where can *you* facilitate Safety Matters?



Start with educators that *you know* in your community

How to (really) get started with Safety Matters

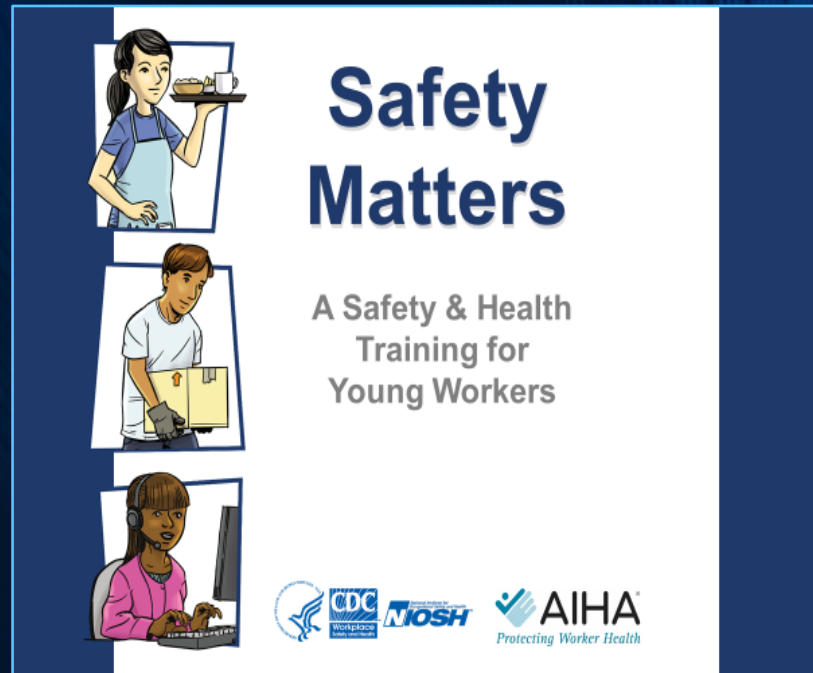


- 1) Familiarize yourself with the Safety Matters presentation
- 2) Know the age of your audience-This is critical knowledge because it will affect how you will lead the discussion components during your Safety Matters seminar

@PIDGIRL'S HOW TO INTERACT WITH SLIDES 1-2 OF SAFETY MATTERS

Slide 1: Using your best 'elevator pitch', introduce yourself as an AIHA member volunteer and describe your job

Slide 2: Ask students to interpret what is being communicated in the Young Worker Injuries graphics



@PIDGIRL'S HOW TO INTERACT WITH SLIDES 3-4 OF SAFETY MATTERS

Slide 3: Statistics: Ask the students if they know anyone who has been injured on the job. It's ok to have a short, focused discussion at this time.

Teen Worker Injury Statistics

- Approximately 1.6 million teens (aged 15–17) in the United States work. About 50% of 10th graders and 75% of 12th graders have jobs.
- A teenager in the U.S. is injured on the job every 9 minutes.
- On average, each year
 - 59,800 workers younger than 18 are sent to the ER for job-related injuries, but actual injury statistics are probably much higher.
 - 37 workers younger than 18 die on the job.
 - Young workers are twice as likely to be injured than adult workers.

CDC 2010 www.cdc.gov/niosh/topics/youth/chartpackage.html www.cdc.gov/mmwr/preview/mmwrhtml/mm5915a2.htm

3

Slide 4: Now here's a short video of a young worker named Mallory. Then conduct a short facilitated discussion using the questions provided on the slide

Mallory's Story



- What are some factors that contributed to this incident?
- What could have kept Mallory from being hurt?
- How might this affect Mallory's future life choices?

4

@pidgirl's interaction with Safety Matters slide 5

Finding Hazards



NIOSH

AIHA
Protecting Worker Health



Safety Matters Slides 6-11: Workplace hazards/job hazards

Workplace Hazards

All workplaces have hazards that can be identified and corrected.

What is a Job Hazard?

A job hazard is anything at work that can hurt you either physically or mentally.

4 categories:

- Safety
- Chemical
- Biological
- Other health hazards

6

Job Hazards

- **Safety hazards** can cause immediate injuries
 - Knives, hot grease
- **Chemical hazards** are gases, vapors, liquids, or dusts that can harm your body
 - Cleaning products, pesticides
- **Biological hazards** are living things that can cause sickness or disease, such as:
 - HIV/AIDS, hepatitis, tuberculosis
 - Bacteria, viruses

7

Job Hazards (continued)

- **Other health hazards** are other harmful things that can injure you or make you sick. Some are not obvious because they may not cause health problems right away.
 - Noise, radiation, repetitive movements, heat, cold, stress, violence

Can you think of other job hazards?

8

Making the Job Safer



CDC
NIOSH
AIHA
Protecting Worker Health

Controlling Job Hazards



10

Controlling Job Hazards

- Remove the Hazard = the best way
 - Example: Buy precut vegetables so that employees don't have to use knives.
- Good safety policies
 - Examples: Train workers, give regular breaks, assign enough people to do the job safely
- Personal protective equipment (PPE) = the least effective (but use when provided!)
 - Examples: Gloves, steel-toed shoes, hard hats, respirators, safety glasses, hearing protectors, lab coats or smocks

11

@pidgirl's interactions with slides 12& 13

Removing or Reducing Hazards



Jasmin's Story

- Job:** Hospital dishwasher
Hazard: Chemical dishwashing solution
Injury: Chemical burn to the eye

What solutions can you think of that might prevent this injury from happening again?

12

Know Your Rights and Responsibilities



Teen Workers in Massachusetts: Slides 14 & 15

Who Protects Teen Workers?

- Employers
- Teens
- Government agencies
 - The Occupational Safety and Health Administration (OSHA)
 - Federal and State Departments of Labor
 - U.S. Equal Employment Opportunity Commission (EEOC)

14

Are You a Teen Worker?

- What is the minimum wage in our state?
- If you are under 18 years old do you need a work permit before you start a new job?
- During the school year, how late can 14- and 15-year-olds work at night?
- During the school year, how late can 16- and 17-year-olds work at night?

15

<http://www.mass.gov/ago/doing-business-in-massachusetts/workplace-rights/child-labor/>

@pidgirl's interactions with Safety Matters Slides 16-20

Being Prepared, Taking Action



Emergencies at Work

What is an emergency at work?

An unplanned event that harms or threatens employees, customers, or the public; that shuts down business operations; or that causes physical or environmental damage.

17

Emergencies at Work - Examples

Man Made	Natural
Toxic releases	Hurricanes
Power outages	Blizzards
Fires	Wild fires
Chemical spills	Tornadoes
Terrorism	Ice storms
Explosions	Earthquakes
Violence	Floods

18

Speaking Up

- Never feel bad about seeking help or asking questions. Trust your instincts!
- Don't be silent when confronted with a problem at work. It could get worse, and you or a co-worker could get hurt!
- It is illegal for an employer to fire someone for reporting work hazards or other safety problems at work!

19

What Do OSH Professionals Do?



Occupational safety and health (OSH) professionals:

- Help prevent harm to workers, the environment, and the general public.
- Design safe workspaces, study or treat work-related diseases, inspect machines, or test air quality.

20

For a captioned version of this video visit <https://www.youtube.com/watch?v=6b7G-PVWtG0>

Safety Matters: Summarize the 'take-aways' for students

Safety Matters: Summing Up (1)

- Everyone is at risk for being hurt on the job, and all jobs have hazards.
- Young workers are more likely than any other age group to get hurt or killed at work.
- Workplace injuries are NOT accidents. They can be predicted and prevented.

21

Safety Matters: Summing Up (2)

- You need to know about the types of hazards so you can recognize potential health and safety problems.
- The best way to prevent a workplace injury or illness is to remove the hazard.
- If this can't be done, then control the hazard through work policies, procedures or the use of PPE.

22

Safety Matters: Summing Up (3)

- OSHA enforces health and safety laws.
- Employers are responsible for providing a safe and healthy workplace, safety training and safety equipment.
- Young people should know their rights in the workplace but they also need to know their responsibilities, like reporting hazards and following all safety rules.

23

Safety Matters: Summing Up (4)

- Remember to trust your instincts and don't be afraid to speak up if you have a problem at work!
- A work injury (or illness) can change your life forever!
- Learn about the risks and hazards at work and take action to protect yourselves and others.

24

Stay Safe & Healthy at Work!

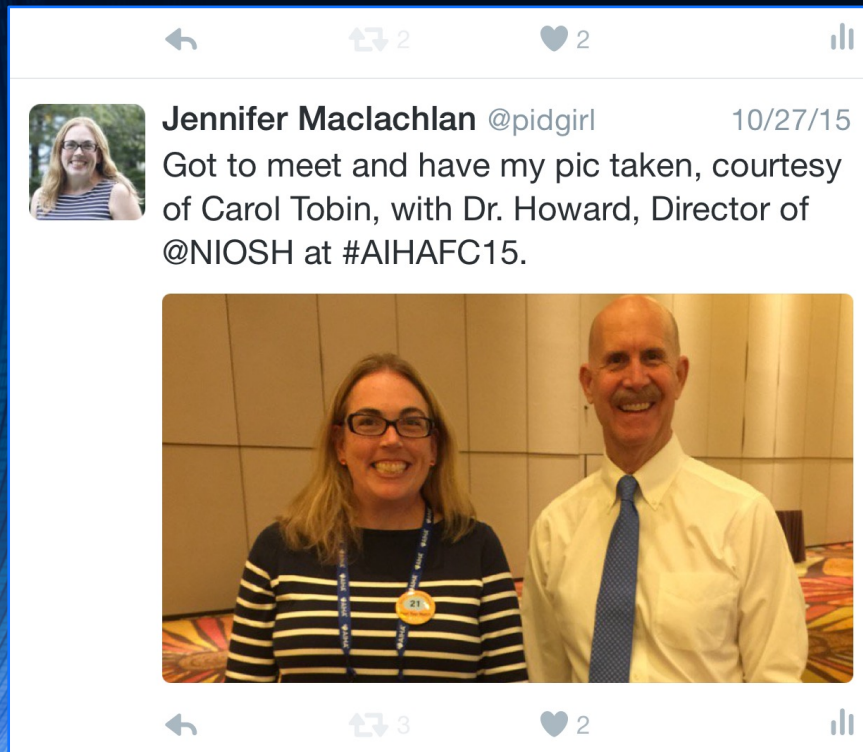
The skills you've learned in the NIOSH/AIHA **Safety Matters** training will help keep you safe and healthy on the job, now and throughout your work lives.

Thank you!

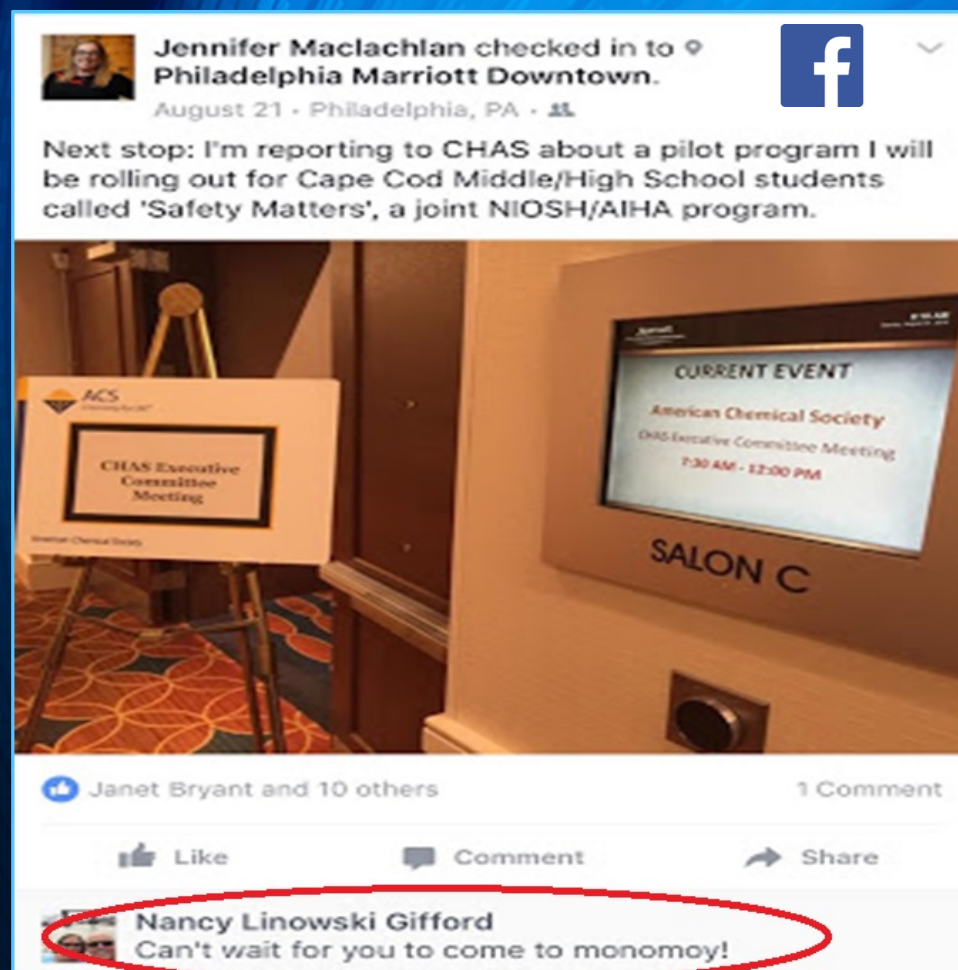
25



HOW I GOT STARTED WITH SAFETY MATTERS 2015



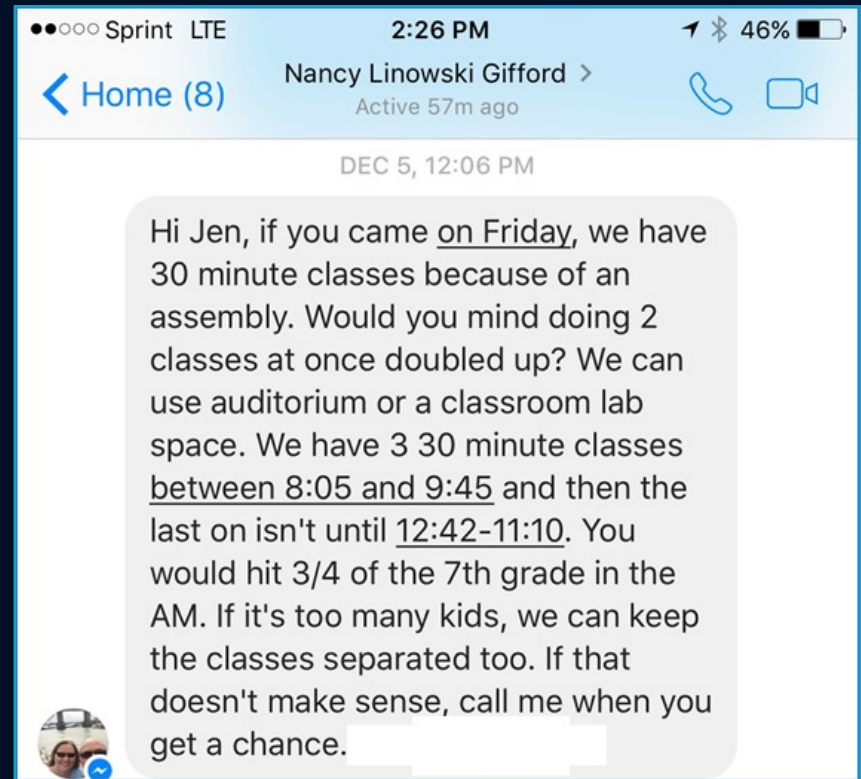
Talking up 'Safety Matters on Cape Cod' using social media



WHEN I WAS READY TO ROLL OUT SAFETY MATTERS ON CAPE COD, I CONTACTED MY FRIEND AND 7TH GRADE SCIENCE TEACHER WHO HAD COMMENTED ON MY FACEBOOK POST




Facebook Messenger



SAFETY MATTERS IN MONOMOY


Sprint LTE 3:05 PM capecodchronicle.com 58%

The Cape Cod Chronicle

Program Teaches Kids About Workplace Safety 21 December 2016

By: Alan Pollock

Topics: Education



Jennifer Maclachlan talks to Monomoy seventh graders about occupational safety. ALAN POLLOCK PHOTO

CHATHAM — Remember your first job? Maybe it was mowing lawns, delivering newspapers or busing tables. For a variety of reasons, those early jobs can be dangerous ones.

“Safety Matters,” a new program launched at Monomoy Middle School last week, aims to teach kids about workplace safety, maybe even before they get their first job.



Photo credit: Alan Pollock, Cape Cod Chronicle

CRAFT 'YOUR ASK' TO THE EDITOR

Request for photographer/reporter to cover the roll out of a general awareness workplace safety program for young workers being piloted at Monomoy Middle School on 12/16

Inbox



me

to twood, Nancy

Dec 5, 2016 ***

Dear Tim,

I'm working with Nancy Gifford of Monomoy Regional Middle School Grade 7 Science teacher on a program called 'Safety Matters' developed by the National Institute of Occupational Safety and Health (NIOSH) and the American Industrial Hygiene Association (AIHA) and endorsed by the American Chemical Society (ACS). This half hour program which I will facilitate, introduces general awareness training of potential hazards that young workers may encounter in their first jobs, ranging from the need for personal protective equipment to electrical/chemical and machinery safety.

I am scheduled to roll-out this training on Friday morning December 16, 2016 to Nancy Gifford's students between 8:05am and 9:45am. Might it be possible to send a photographer and/or reporter to cover this first program on the Cape & Islands? I'm available for a phone call if you wish to discuss: [617-699-4307](tel:617-699-4307).

Thank you for your consideration and I look forward to hearing from you.

Best Regards,
Jennifer Maclachlan, Managing Director

✓ Call to action subject line

✓ Permission based name dropping

✓ Key word use

✓ Be clear about your ask

Engaging our MA State Senator Julian Cyr, in Safety Matters



May 2017

Pitched Safety Matters to Cape & Islands Senator Julian Cyr

 **Jennifer MacLachlan** added 3 new photos — checked in to **Massachusetts State House**.
October 16 at 1:18 PM • Boston • 

Met with Cape & Islands Senator Julian Cyr's Legislative Director today about the next steps for the Safety Matters program I've been rolling out on Cape Cod as a member volunteer and Safety Matters task force chair for the **AIHA - American Industrial Hygiene Association**.



 Melissa Francesca Marotto and 14 others

 **pidgirl**
West Barnstable, Massachusetts >



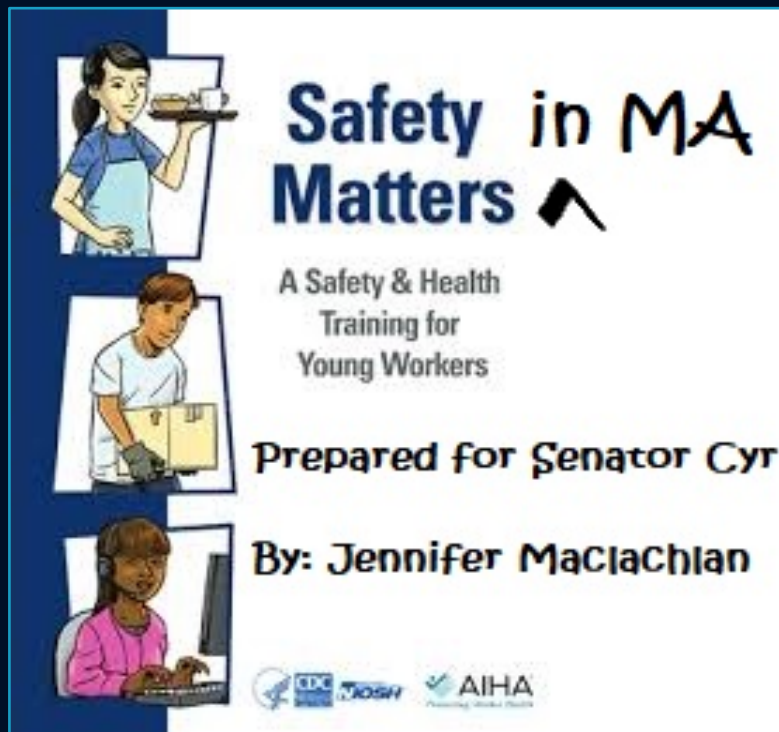
   

Liked by **capecodartandnature**, **garrettaudio** and 9 others

pidgirl Sunday night I had the opportunity to continue the conversation with Cape & Islands Senator, Julian Cyr, about **#safetymatters** on **#capecod**

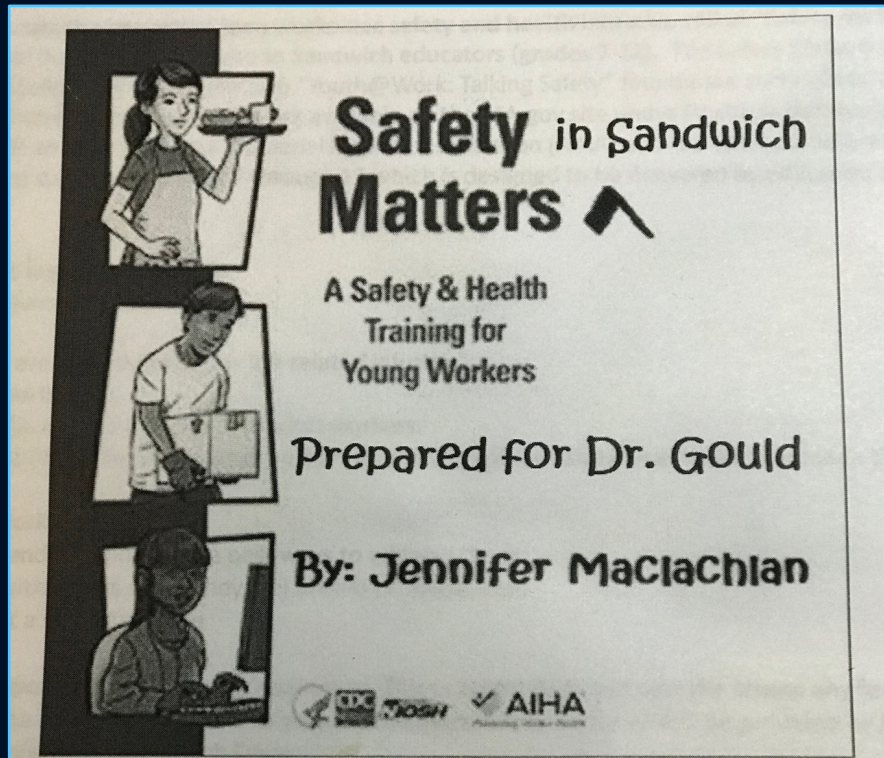
6 DAYS AGO

Prepared a folder for Senator Cyr and his Legislative Director



Which included:

- 1) Clear cover with this cover page
- 2) A modified letter explaining the importance of Safety Matters
- 3) An infographic titled "What injured teens have to say" from the teens at work@state.ma.us site
- 4) A copy of where I found the Youth @ Work: Talking Safety materials under the Health & Human Services tab on mass.gov/eohhs/gov/departments site
- 5) The State of Oklahoma legislation mandating that teachers provide workplace safety training to their students in grades 7-12 (2015)
- 6) Recent legislative action in Texas urging educators to incorporate Safety Matters into their curriculum
- 7) Progress and next steps in Colorado
- 8) **My asks**
- 9) A copy of the Cape Cod Chronicle newspaper article

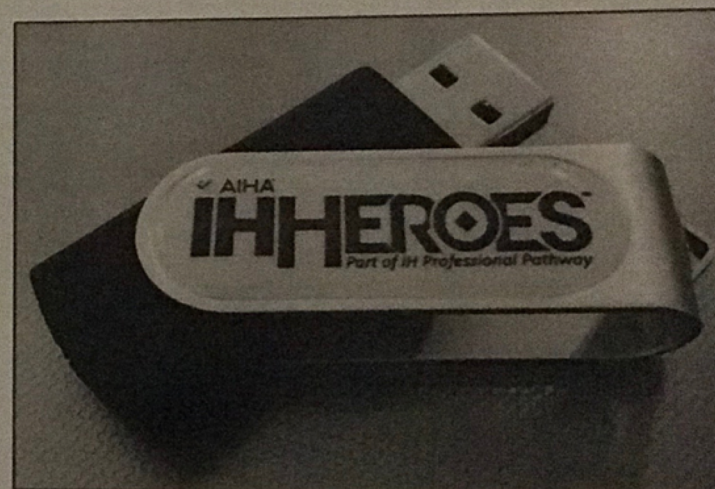


Jennifer's Ask

- 1) Set a date in 2018-2019 for the teacher professional development for Safety Matters in Sandwich: A train the trainer course. Supporting materials, including the Safety Matters curriculum, will be provided to participants on a flash drive.

Contact: Jennifer Maclachlan, Chair
American Industrial Hygiene Association Safety Matters Task Force

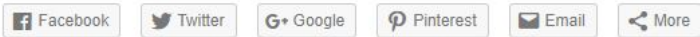
PID Analyzers, LLC
2 Washington Circle, Suite 4
Sandwich, MA 02563
Tel: 617-699-4307
Email: pidgirl@gmail.com
Fb.me/STEMJourney
<http://analyzersource.blogspot.com>
<http://capecodsciencecafe.tumblr.com>



Sunday Journal – Worker Safety

July 22, 2018

Share this:



Join us for a discussion for employers on the Cape about keeping your young workforce safe this summer. Jennifer MacLachlan of PID Analyzers in Sandwich is our guest to tell you what you need to know about keeping your workers safe.



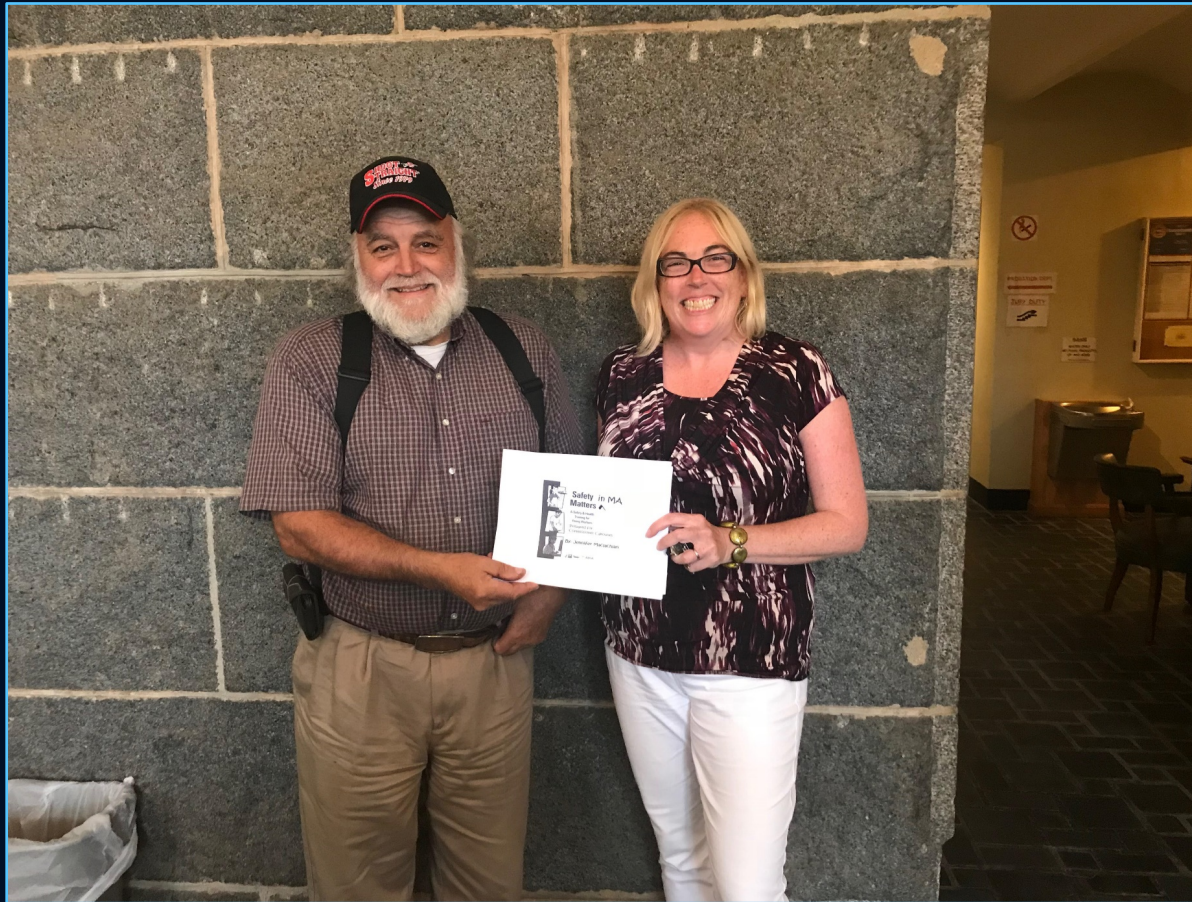
[capecod.com](https://www.capecod.com)

Sunday Journal - Worker Safety

SOUNDCLOUD

Share





> On Jul 24, 2018, at 11:09 AM, Jennifer Maclachlan <pidgirl@gmail.com> wrote:

>

> Jennifer Maclachlan

> 170 Taramac Road

> Centerville, MA 02632

>

> July 24, 2018

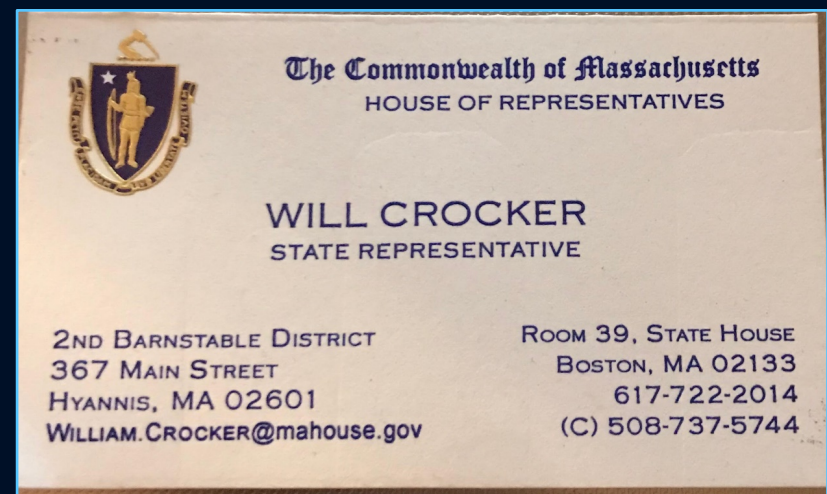
>

>

> Dear County Commissioner Cakounes,

>

> As a constituent and member of the American Industrial Hygiene Association (AIHA), I am writing to you on a matter of great importance - educating teens about workplace safety. In short, I am asking for your assistance in incorporating the Youth@Work - Talking Safety curriculum as a required part of the curricula for grades 7 through 12. The goal of Youth@Work - Talking Safety is to reduce teen workplace injuries and illnesses by educating students about workplace hazards. The problem is clear: Approximately 1.6 million teens aged 15 to 17, are employed in American workplaces. Incredibly, every nine minutes, one of them is injured on the job. The impacts of teen injuries and possible job-loss are felt by everyone, particularly lower-income families who may rely upon their wages. The statistics are even more sobering when one considers the following set of facts:



CONNECT WITH ME!
JOIN MY AIHA TEEN WORPLACE SAFETY TASK FORCE

- [LINKEDIN.COM/IN/JENNIFERLMACLACHLAN](https://www.linkedin.com/in/jenniferlmacclachlan)
- [TWITTER.COM/PIDGIRL](https://twitter.com/PIDGIRL)
- EMAIL: PIDGIRL@GMAIL.COM
- BLOGS: ANALYZERSOURCE.BLOGSPOT.COM
- CAPECODSCIENCECAFE.TUMBLR.COM
- [FB.ME/STEMJOURNEY](https://fb.me/STEMJOURNEY)