



**Koffel Associates Works with Elizabeth Seton High School Students on the University Of Maryland Department Of Fire Protection Engineering Design Challenge**



Sharon Gilyeat, P.E., Principal at Koffel Associates, had the wonderful opportunity to work with students at Elizabeth Seton High School as a mentor to four groups of women for the University of Maryland Department of Fire Protection Engineering Design Challenge.

Mrs. Gilyeat taught a class on fire suppression, teaching the students to think like fire protection engineers. She helped support and guide them as they built model homes that had to resist and suppress fire.

To build this model, they had to use household items, keep it under a certain weight limit, and incorporate the following: suppression, detection, ventilation, material flammability, and compartmentation. On May 10th the students presented their scale homes and on May 13th they did a live burn for the judges to review the results of their hard work. Congratulations to the winning team DeMatha- Molybdenum!

Sharon enjoyed her time with the students and was proud to be a part of introducing fire protection to them as an exciting and impactful career opportunity.

"It has been a great experience to see these young women learn, build, engineer and grow during this school year." Sharon S. Gilyeat, P.E.

## ***Maryland Quality Initiative MAA under \$5 million Award***



Koffel Associates, Inc. is proud to be part of the Temporary International Baggage Handling Facility Project Team who won Maryland Quality Initiative MAA under \$5 million award. Koffel Associates, Inc. was an integral member of the Iron Horse/URS

design team by providing building and fire protection consulting services; surveys; building code, fire code, and life safety analysis; and sprinkler and fire alarm/voice evacuation assessments, drawings, and Construction Administration Services.

The Temporary International Baggage Handling Facility project was an enabling project for the \$125 million, multi-phased, D/E Connector renovation project consisting of the design and construction of a new 225,000 sq ft, 2-story, security check point and concourse connector in the airport. The scope of work for the enabling project included the temporary relocation of the international inbound baggage belts to an exterior, detached, open pavilion structure. During the construction phase of the project, we worked closely with the Maryland Aviation Administration, as well as all the design consultants.

It is an honor to share the award for the Baltimore/Washington International Thurgood Marshall Airport Temporary International Baggage Handling Facility project with the fellow members of our Iron Horse/URS design team.

### ***Jim Lathrop and his role in a sprinkler concept....***

Read how Samuel S. Dannaway, P.E., FSFPE, President, S.S. Dannaway Associates Inc., Honolulu, a licensed fire protection engineer and mechanical engineer recounts a story of how the biggest sprinkler promoting concept came to be, and how our very own Jim Lathrop played a role in it.

[Visit the website for the full article](#)



### ***Spring & Summer Fire Safety Tips***

#### ***Fire Safety During Spring Cleaning, Camping, Hiking, Grilling***

Enjoying the indoors and outdoors this spring is important to all of us, and we want to help you stay safe and happy while doing it.

**Tips for spring cleaning:**



- Properly dispose of paints and chemicals
- Check or replace your dryer hose
- Replace your furnace filter
- Check your fire extinguishers and replace them if needed



For more information, tips and tricks, click the link(s) below:

[Philadelphia Fire Department Spring Safety Tips](#)

[Lyndon Fire Department Spring Safety Tips](#)

### Tips for fire safety while camping:

- Know the rules at the campsite
- Know the weather conditions
- Have your fire extinguisher with you

For more information, tips and tricks, click the link(s) below:

[Trails.com Safety Tips](#)

[Survival Mastery.com Fire Safety Tips](#)



### Tips for hiking:

- Travel with a companion
- Have an emergency plan
- Tell someone where you are going
- Know your limits

For more information, tips and tricks, click the link(s) below:

[Glacier National Park Safety Tips for Hiking](#)

[Outdoors.org Outdoor Skills](#)



### Fire safety tips for grilling:

- Keep your grill away from your house and deck railings
- Keep your grill clean
- Never leave your grill unattended



For more information, tips and tricks, click the link(s) below:

[NFPA.org Grilling Tips](#)

[US Fire Administration Safety Tip Sheet](#)

[ABC News: 10 Dos and Don'ts for Grilling](#)

## ***Tips and Tricks for a Happy, Healthy Spring & Summer***

### ***Preventing Allergic Reaction To Pollen***

**Avoiding Allergens is hard, but here are some tips to help you survive this allergy season.**

- Know the pollen count
- Take your allergy medicine
- Keep your windows closed and use your AC
- Do not hang your clothes/items outside to dry
- Do not sweep your floors, vacuum them
- Shower at night to remove pollen from the day



Tips for safe removal of Poison Ivy, Poison Oak, and Poison Sumac

- Pull it, don't burn it
- Wear protective clothing, gloves, and glasses
- Let the goats eat it

For more information, tips and tricks, click the link(s) below.

[WebMD Pollen Survival Guide](#)

[Safety Tips from Poison Ivy.org](#)

### ***Preventing & Dealing with Sunburn***

**Sunburn prevention is key during the hot summer months.**

- Wear a hat
- Wear sunglasses (even your eyes can get sunburned)
- Use sunscreen and reapply
- SPF should be at least 30

For more information, tips and tricks, click the link(s) below.



[USA Today 10 Tips for Sunburn Prevention](#)  
[Wikihow.com How to Prevent a Sunburn](#)

## ***News On Fire***

### ***Welcome Aboard!***

**Koffel Associates is proud to announce the addition of the following employees:**

- **Ken Custodio - Fire Protection Technician:** Ken has a B.S. in Mechanical Engineering from University of Maryland Baltimore County
- **Alexa Rucinski - Fire Protection Engineer:** Alexa graduated from the University of Maryland in May with a B.S. in Fire Protection Engineering
- **Elizabeth "Liz" Keller - Fire Protection Engineer:** Liz has a B.S. in Fire Protection Engineering and expects to complete her MS in Fire Protection Engineering in December

### **New Interns**

- Jacob "Jake" McQuay
- Amaryllis Rodriguez
- Michelle Smith
- Garrett Scheetz

## ***Where To Find Us.....***

### ***Look for us at Conferences & Seminars!***

If you would like the chance to speak with one of our experts please feel free to visit us as we attend and/or exhibit at one of many upcoming conferences and seminars.

**June 13-16, 2016 - Las Vegas, NV**

#### **2016 NFPA Conference & Expo:**

Please join Bill Koffel, Jim Lathrop, Sharon Gilyeat, Lennon Peake, and Will Higgins as they present on Monday, June 13th thru Wednesday, June 15th at 8:00am.

[Click here for a description of each session that will be presented by our employees](#)

**July 10-13, 2016 - Denver, CO**

**[53rd Annual ASHE Conference & Technical Exhibition:](#)**

Please join Bill Koffel and Lennon Peake as they present on Wednesday, July 13th at 10:10am and 11:10am on "Test Your Code Knowledge-An Interactive Q&A Discussion of Regulatory Codes".

[Click here for session information](#)

**September 8 - 9, 2016 - Austin, TX**

**[2016 CONSTRUCT Expo:](#)**

Please join Bill Koffel as he presents on Wednesday, September 7th at 8:00 - 9:00am on Testing Your Code Knowledge.

[Click here for session information.](#)

## ***Webinars.....***

### ***Koffel offers FREE webinars***

Do you have questions, need a refresher, or want to learn something new? We offer free webinars to help with all your needs.

[Click to register for a free webinar from our Koffel experts or to view past webinars.](#)

### ***IBC Chapter 10: Means of Egress***

***\*This webinar is given on behalf of Lorman and has a registration fee***

Please join Bill Koffel, FSFPE, P.E., as he presents on behalf of Lorman, live Friday, June 24th at 1:00 - 2:30pm EDT.

Bill will discuss designing the means of egress for buildings and providing life safety for the occupants. He will identify the significant requirements of Chapter 10 and related sections of the IBC.



[Click here to register and receive a 50% discount](#)

## ***Chapter 43 of NFPA 101 and Its Impact on Health Care Facilities***

***\*This webinar is given on behalf of ASHE and has a registration fee***

Please join Bill Koffel, FSFPE, P.E., as he presents on behalf of ASHE, live Friday, Wednesday, August 10th at 1:00pm EDT.



The Centers for Medicare & Medicaid Services is considering the adoption of the 2012 Edition of NFPA 101. The 2012 Edition contains a new chapter on rehabilitation projects in existing buildings. Chapter 43 covers repairs, renovations, modifications, reconstruction, change of use, and change of occupancy classification projects. With the amount of work that goes on in existing hospitals, one needs to have a thorough understanding of the impact that Chapter 43 will have on such projects.

[Registration Opening Soon!](#)

## ***CMS Adoption of the 2012 Edition of NFPA 99 and What It Means for Health Care Facilities***

***\*This webinar is given on behalf of ASHE and has a registration fee***

Please join Bill Koffel, FSFPE, P.E., and Sharon Gilyeat, P.E., as they present on behalf of ASHE, live Thursday, September 15th at 1:00pm EST.



For the first time, Centers for Medicare & Medicaid Services (CMS) is considering the adoption of the NFPA 99. In the past, portions of NFPA 99 were adopted by references in NFPA 101. The webinar explains how this more comprehensive adoption of the 2012 Edition of NFPA 99 impacts both new and existing health care facilities. The 2012 Edition of NFPA 99 requires a risk based approach in applying the requirements. This webinar explains how to prepare the risk assessment and suggests tools and resources to assist in preparing the risk assessment. CMS has also proposed



modifications to certain requirements in the 2012 Edition of NFPA 99, and these will be addressed in detail.



[Registration Opening Soon!](#)

## ***Have You Heard?***

*Click the link(s) below to see the latest news!*

*CMS orders changes to the Findings for eSOCs*

*CMS Adopts 2012 Edition of NFPA 101<sup>®</sup>, Life Safety Code<sup>®</sup>*

*Adoption Of NFPA 101<sup>®</sup>, 2012 By CMS May Mean Some Upgrades To Existing Facilities*

## ***LinkedIn Discussion Groups***

Over 1,000 have joined so far....participating and benefiting in our discussion groups. Join in to learn and educate!

- [The Life Safety Code<sup>®</sup> Discussion Group](#)
- [Smoke Management Discussion Group](#)
- [Proposed Changes to the IBC Discussion Group](#)

Don't forget to follow our Company Page. 



Expertly Engineering Safety From Fire

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