

THE CENTER FOR

Campus Fire Safety



Welcome to Campus Fire Forum 2013 and to Saint Louis

The Chase Park Plaza, 212 N. Kings Highway Blvd.
Saint Louis, Missouri 63108

Campus Fire Forum is the nation's premier
Campus Fire Safety Training Event.

Our Forum includes a full schedule of educational
and leadership presentations, technology updates & exhibits,
discussion groups and networking events, all designed to
provide you with an unparalleled experience.

Thank you for joining us.

CAMPUS FIRE FORUM 2013

Forum Committee Planners

Michael J. Swain, CCFS Vice President, Chair
Janet Maupin, CCFS Treasurer, Chair
Cathy Tabor, Director of Marketing and Communications
Sharon Gamache, Chair, Speaker Sub-Committee

Speaker & Exhibitor Planning

Sharon Gamache and Cathy Tabor

Event Coordination/Administration/Promotion

Cathy Tabor

**A Special Thanks to the following Center
Committees and Board Members for their assistance and support:**

Center Executive Committee

Paul D. Martin, President
Michael J. Swain, Vice President
Janet Maupin, Treasurer

Center Board of Directors

Robert Ferrara, Tim Knisely, Kevin McSweeney, Jeff Pendley, Alan Sactor, Anthony Yuen

Professional Development, Education and Events Committee

Center Membership Committee

Photographer

Anthony Yuen, Member of the Board of Directors

Your Event On-Site Support Team

University of New Haven Fire Science Club
The Center Board of Directors
Cathy Tabor
Sharon Gamache

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PROGRAM SNAPSHOT

Nov 4	Special NFPA Training
Nov 4	CSHEMA Round Table Meeting (Requires Pre-Registration)
Nov 5 - 7	Campus Fire Forum 2013
Nov 6	Technology Exhibit (Noon and Evening)
Nov 7	Town Meeting & Annual Member Meeting/Luncheon
Nov 8	Special ICC Training (CEU's)

PROGRAM OVERVIEW

DAY/TIME	PRESENTATION	ROOM
Monday, Nov 4		
9:00 AM	Forum Registration	Main Lobby
9:00	CSHEMA Round Table Meeting (Must be pre-registered)	Empire
10:00	NFPA Life Safety 101 (on & off- campus) (Must be pre-registered)	Lenox
12:00	Lunch (CSHEMA & NFPA)	Plaza
1:00 PM	NFPA Life Safety 101	Lenox
1:00	CSHEMA Round Table Meeting	Empire
3:00	Break (CSHEMA & NFPA)	Breaks
3:15	NFPA Life Safety 101	Lenox
5:00 - 7PM	Forum Welcome Reception	Zodiac
Tuesday, Nov 5		
7:30 AM (all day)	Registration	Main Lobby
7:30	Continental Breakfast	Zodiac
8:30	Welcome	Starlight Ballroom
9:00	What is Fire Prevention?	Starlight Ballroom
10:30	Break and Book/DVD Sales	Starlight Ballroom
10:45	The Killer Show	Starlight Ballroom
12:15 PM	Lunch - Sponsored by Hughes Associates	Zodiac

1:00		Mitigating the Off-Campus Fire Problem	Starlight Ballroom
2:15	A	Smoke alarm installation program for students studying abroad	Empire
2:15	B	Notification Appliances Reinvented	Lenox
2:15	C	Cinematic Arts - Safety Rules for Student Productions	Lindell D
3:15		Break	Outside Room(s)
3:30	A	Pre-incident planning for hazmat in industrial, maintenance, studios, and labs.	Empire
3:30	B	Lessons learned from a CDC funded evidence-based smoke alarm installation program in St. Louis.	Lenox
3:30	C	College Public Education Programs/Urban Fire Department Interface	Lindell D
5:00 - 8:00 PM		President's Reception & 2 Hour River Boat Cruise (See Page 25 for details). Sponsored by SimplexGrinnell	Meet in the Lindell Area for bus at 5PM.
Wednesday, Nov 6			
7:00 AM		Registration	Main Lobby
7:00		Continental Breakfast (General Forum)	Regency
7:00		Private Breakfast, The Center Committee Members	Lenox
7:00		Exhibit Set-Up (finish by 11AM)	Khorassan Ballroom
8:00		Book/DVD Sales - through 4PM only.	Lindell Hallway
8:00	A	An Introduction to Water Mist Suppression Systems	Lindell A
8:00	B	Updates to CO Detection Regulations, NFPA 720	Lindell B
8:00	C	Integrating Fire Alarm Systems and Mass Notification Systems - Developing a Master Plan for an Efficient and Economical Approach to Systems Upgrades	Lindell C & D
9:00	A	Preparing for the Crisis We Hope Never Comes	Lindell A
9:00	B	An introduction to the requirements of NFPA 25 Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems	Lindell B
9:00	C	NFPA 72 (Part 1 of two-hour session)	Lindell C & D
10:00		Break	Lindell Hallway
10:15	A	Mitigating Laboratory Fires and Explosions	Lindell A
10:15	B	Developing Solutions to the Challenges of Fire Protection upgrades in Existing Libraries	Lindell B
10:15	C	NFPA 72 (Part 2)	Lindell C & D

11:15		Technology Exhibit (includes Lunch). <i>Sponsored by SIEMENS</i>	Khorassan Ballroom
1:15 PM	A	Staking versus Ballasting of Temporary Tents, Canopies & Structures—Industrial Field Testing Results and Fire Marshal Permitting.)	Lindell A
1:15	B	Introduction to Social Media (Part 1)	Lindell B
1:15	C	Industry Experts Discussion Group	Lindell C & D
2:15		Break - Change rooms/Phone calls	
2:30	A	Crowd Management	Lindell A
2:30	B	Introduction to Social Media (Part 2)	Lindell B
2:30	C	Designing and Testing the Effectiveness of Voice Messaging	Lindell C & D
3:30		Break	Lindell Hallway
3:45	A	Intelligibility in Emergency Communication Systems	Lindell A
3:45	B	How do colleges prepare for weather and emergency events?	Lindell C & D
4:45		Technology Exhibit, Networking, Raffle	Khorassan Ballroom
7:01		Exhibit Tear Down	
Thursday, Nov 7			
8:00 AM		Continental Breakfast	Regency
9:00		Town Hall Meeting with Center Board of Directors	Regency
10:45	A	Firewise Campus Wrap-up. Lessons Learned	Lindell A
10:45	B	Method of teaching college freshmen fire safety through the Fire Bowl idea.	Lindell C
12:00 PM		Members Annual Meeting & Luncheon <i>Sponsored by Kidde</i>	Empire
2:00		Adjourn	
Friday, Nov 8			
7:30 AM		Continental Breakfast	Lenox
8:00		ICC Training - 2012 Int'l Fire Code - significant changes	Empire
10:00		Break	Empire
12:00 PM		Lunch	Lenox
1:00		ICC Training (continued)	Empire
3:00		Break	Empire
5:00		Adjourn	

THANKS TO OUR FORUM EVENT SPONSORS



Our Sponsors:

- President's Reception, Tyco/SimplexGrinnell
- Special Sessions NFPA, ICC, AFAA
- Lunches, SIEMENS, Kidde, Hughes
- Support University of New Haven Fire Science Club
- Neck Wallets, Keltron



PRESENTATIONS & SPEAKERS

MONDAY, NOVEMBER 4

10:00AM - Lenox Room

The NFPA Life Safety Code in the College and University Environment

Gregory Harrington, P.E.
Principal Fire Protection Engineer-NFPA
NFPA - Quincy, Massachusetts USA

Gregory Harrington is a principal fire protection engineer in the Building Fire Protection and Life Safety Division of the National Fire Protection Association, headquartered in Quincy, Massachusetts. He is the staff liaison to several technical committees for the NFPA 101®, Life Safety Code®, and NFPA 5000®, Building Construction and Safety Code® projects. He is also responsible for the NFPA 1, Fire Code, and Cultural Resources technical committee projects. He is co-editor of the Life Safety Code Handbook, the Building Construction and Safety Code Handbook, and the NFPA 1 Fire Code Handbook. He is a regular instructor for NFPA's Life Safety Code professional development seminar. Greg holds the degrees of Bachelor of Science in Mechanical Engineering, and Master of Science in Fire Protection Engineering, both from Worcester Polytechnic Institute, and is a registered professional fire protection engineer.

Abstract:

This program will provide a review of common life safety challenges associated with some common occupancies found on college and university campuses. A combination of code application, education, and awareness are the keys to keeping the student population safe.

In addition to a high-level overview of the myriad occupancy classifications associated with colleges and universities, this program will focus on the requirements of NFPA 101, *Life Safety Code*, 2012 edition, addressing dormitories for on-campus housing, and apartment buildings for off-campus housing options. Code application to fraternity and sorority housing will also be discussed. Recently added requirements for carbon monoxide detection in these residential environments will be reviewed. In addition, the provisions of NFPA 101 that regulate classroom buildings, including arrangement of classroom spaces with both fixed seating and moveable seating, will be discussed.

Participants will receive a copy of NFPA 101, *Life Safety Code*, 2012 edition, and associated handout materials.

TUESDAY, NOVEMBER 5

8:30AM - Starlight Ballroom

Welcome to Campus Fire Forum 2013

Paul D. Martin, President

Paul D. Martin is Chief of Inspections and Investigations for the New York State Office of Fire Prevention and Control where he served as a principle architect of New York State's nationally acclaimed Campus Fire Safety Program.

Under Paul's leadership, the staff of the Inspections and Investigations Branch is responsible for: fire and life safety inspections in a very diverse collection of facilities throughout New York State, including all colleges and universities; performing fire investigations statewide of fatal, large loss or other significant fires; providing fire safety education and information dissemination intended to elevate the public's understanding of the danger of fire; and enforcement of the laws and regulations of the state regarding fire safety, including the world's first standard for reduce ignition propensity cigarettes.

Paul is active in the National Association of State Fire Marshals, where he serves as Vice-Chair of their Model Codes Committee and works on issues associated with fire and life safety for special needs occupancies. Additionally, he serves as co-chair of Prevention, Advocacy, Resource and Data Exchange (PARADE), a program of the United States Fire Administration designed to foster the exchange of fire-related prevention/ protection information and resources among Federal, State, and local levels of government.

He serves on the International Building Code - Means of Egress Committee for the International Code Council, where he is active in the development of the Codes promulgated under the auspices of the ICC. Additionally he is a principle member of the NFPA technical committee currently drafting a new standard on Fire Prevention Unit Organization and Deployment.

Paul holds an associate degree in fire science, a bachelor of science in public administration and has an extensive portfolio of professional development education. During his fire service career spanning more than thirty years, Paul has served in multiple line and administration positions and has received several awards of valor, including the 2000 Firehouse Magazine® national grand prize for heroism.

Randy Cole, Missouri State Fire Marshal

Randy Cole was appointed Missouri State Fire Marshal by Governor Matt Blunt in April 2005. Randy began his tenure with the State Fire Marshal's Office in August 1986 as a state fire investigator until being promoted to Regional Chief Investigator in March 1989. In July 1996 Randy was promoted to the position of Assistant State Fire Marshal until his appointment as State Fire Marshal in 2005. Randy is a 1980 graduate of Central Missouri State University with a Bachelor of Science degree in Criminal Justice Administration.

After graduation, Randy served as a deputy sheriff with the Cole County Sheriff's Department attaining the rank of chief deputy until accepting an investigator position with the State Fire Marshal's Office in 1986. Randy's roles and responsibilities as state fire marshal include regulatory oversight of fire investigations and explosions, fire safety inspections, elevator and amusement ride safety inspections, boiler and pressure vessel safety inspections, firefighter training and certification, blasting safety, and fireworks licensing and inspections.

Chief Jenkerson, Chief, St. Louis Fire Department

Dennis M. Jenkerson, was appointed Chief of the St. Louis Fire Department in 2007. He has had 35 years of service with the St. Louis Fire Department and has served the St. Louis Fire Department in the capacity of a firefighter, fire captain and battalion chief, and is certified and experienced in each of the department's many domains including fire suppression, emergency medical services, aircraft rescue, vehicle entrapment, collapse rescue, high angle rescue, rescue diving and hazardous materials management; including chemical, biological, explosive and radiological incidents.

Chief Jenkerson has served as an incident commander in the city's busiest fire district for the last decade and has established and managed essential department programs such as the Bio Watch Operations for the City of St. Louis, Fair St. Louis, the Mass Casualty Response System for Lambert Field, Y2K Compliance and the department's first in-house EMT certification program.

Chief Jenkerson earned a Bachelor of Arts degree, *Summa Cum Laude*, in Organizational Leadership and Development from Saint Louis University, with minors in psychology and biology. He has completed coursework at Missouri Southern State College toward a Bachelor of Science degree in biology and chemistry and holds an Associates of Science degree in Fire Engineering from Forest Park Community College. Chief Jenkerson is an adjunct instructor at the National Fire Academy in Emmitsburg, Maryland, Southwestern Illinois College, the University of Missouri at Columbia and the State of Missouri Bureau of Emergency Medical Services.

Chief Jenkerson also serves as a technical advisor for the United States Marine Corps, the Department of Homeland Security, the Federal Emergency Management Agency, the National Fire Academy, United States Representative Russ Carnahan (Homeland Security/Terrorism Intervention), the University of Missouri, Department of Public Health, offices of the City of St. Louis, as a member of the St. Louis City Local Emergency Planning Committee and as an expert in hazardous materials and incident command for mutual aid partners in the St. Louis Metropolitan area.

9:00AM - Starlight Ballroom

What is Fire Prevention?

Paul D. Martin, President, The Center for Campus Fire Safety

Paul D. Martin is Chief of Inspections and Investigations for the New York State Office of Fire Prevention and Control where he served as a principle architect of New York State's nationally acclaimed Campus Fire Safety Program.

Abstract:

American fire statistics are among the highest in the industrial world, and it is simply unacceptable. The problem is that our historical emphasis on suppression has proven to be inadequate, and a higher priority must be put on the fire prevention. However, to succeed, clear identification of the problem is the first obstacle that must be overcome.

America has not changed its perspective regarding the importance of fire prevention, nor does it fully appreciate what a comprehensive program entails. To gain a stronger focus on fire prevention will require a paradigm shift and a cultural and attitudinal change, not only in our fire service, but also the American society in general.

Paul will illustrate that awareness of the extent of the fire problem in this country is nothing new, nor are the known solutions, and he will candidly highlight his view of the resistance and lack of fortitude to employ the known answers. He hopes that his presentation serves to reaffirm everyone's commitment as a fire safety leader and to transform our common vision into action.

10:45AM - Starlight Ballroom

The Killer Show: A Perilous Journey through the Station Fire and Its Aftermath

John P. Barylyck, Attorney

John Barylyck is an attorney who represented victims in numerous wrongful death and personal injury cases arising from the Station nightclub fire. His work was instrumental in amassing 176 million dollars in settlements from persons and corporations responsible for the fire.

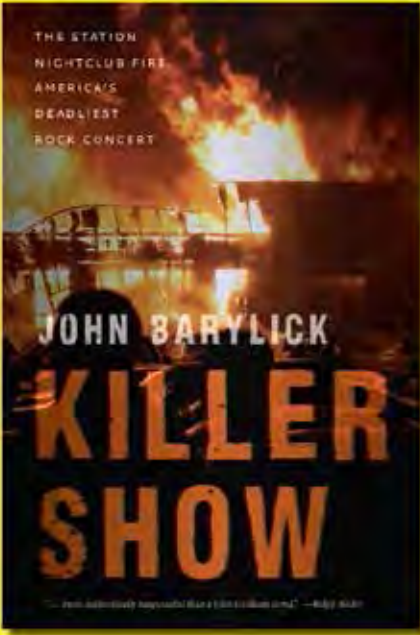
Mr. Barylyck is a frequent lecturer at medical and legal seminars and is the recipient of the 2006 Rhode Island Trial Lawyers Association Award for Professionalism.

Abstract:

The presentation is based on the book of the same title, about the Station Nightclub Fire of 2003 in which 100 persons were killed. I was one of the lead attorneys representing victims of the fire. (Please see detailed reviews, photos and book excerpts at the book's website, www.killershowbook.com.)

The presentation introduces the audience to the structure of the Station nightclub, with particular emphasis on fire code considerations. Using video from the event itself, computer reconstructions and fire test videos, it goes on to explain how multiple missteps by multiple persons (including the local fire marshal) combined to create this tragedy. The second half of the presentation focuses on how the legal system established liability on the part of the several key players.

THE CENTER FOR CAMPUS FIRE SAFETY presents




A multimedia presentation by
JOHN BARYLICK,
author of
KILLER SHOW
THE STATION
NIGHTCLUB FIRE,
AMERICA'S
DEADLIEST ROCK
CONCERT

"Barylick has created a modern cautionary tale that will take your breath away..."
Publishers Weekly

Tuesday, November 5, 2013
10:45 a.m. — 12:15 p.m.

Campus Fire Forum 2013
Chase Park Plaza
212 North Kings Highway
St. Louis, MO 63108


THE KILLER SHOW: A book you won't be able to put down!

Read commentary by Wayne D. Moore, Hughes Associates, as published in March 2013, Fire Protection Engineering Magazine) ... "This book should be required reading for anyone in, or planning to enter, the fire protection engineering profession. In a clearly readable and understandable fashion, this book shows how things go wrong seemingly from "insignificant" decisions. If you are a student, read this book. If you are a long-term professional, read this book. And then when you go about your everyday work in our profession, remember this book and what it taught you.
[MORE: <http://magazine.sfpe.org/viewpoint/viewpoint-36>

LUNCH - 12:15 PM - ZODIAC ROOM

Sponsored by



1:00PM - Starlight Ballroom

Mitigating the Off-Campus Fire Problem

Lori Wirth, Madison Fire Department.

Chief Maeder, Fairview Fire District, Poughkeepsie, NY. (Marist University)

Justin Bohlmann, Public Education Coordinator, Fairview Fire District

Moderator: Michael J. Swain, Vice President, The Center for Campus Fire Safety

The Panel will address recent fires that killed students in off-campus housing. They will demonstrate programs that they have developed to help prevent future fires in off-campus housing, including new smoke alarm ordinances.

Lori Wirth, Madison Fire Department

Lori Wirth is a Community Education/Public Information Officer for the City of Madison Fire Department. She joined the Department in 2004, and has been instrumental in broadening educational outreach and developing customized curriculum for target audiences. Previously, Lori worked in print and broadcast media, producing and delivering messages for a variety of audiences. Lori is committed to building public awareness of behaviors and practices that can reduce and often eliminate safety hazards. She is a frequent speaker on topics of public safety, fire prevention and the mindful use of language in educational messaging. Lori holds a Bachelor of Journalism degree from the University of Missouri, with extensive training in fire and life safety, leadership and diversity.

Chief Christopher Maeder, Fairview Fire District

Christopher Maeder is the Chief of the Fairview Fire District located in Poughkeepsie NY. He served as the incident commander for the fire at 112 Fairview Avenue. Joining the fire department in 1999, he raised through the ranks and becoming Chief in April 2011. Previously, he worked as a paramedic for a local EMS agency.

Prior to the fire at 112 Fairview Avenue, Chris spent much of his career working on training, education, quality assurance and quality improvement. He has focused on preventing disasters like this happening again.

Chris is a certified paramedic, and holds two associates degrees. Currently he is working on a Bachelor Degree in Emergency Management with Empire State College.

Justin J. Bohlmann, Fairview Fire District

Justin Bohlmann is the Public Education Coordinator for the Fairview Fire District located in Poughkeepsie, NY. He joined the fire service at the age of 14 with the Boy Scouts of America Explorers program in Explorer Post 17. After two years of learning what the job entailed he became a member of the Fairview Fire Company to begin serving his community.

Justin obtained his Associates degree in Applied Science, Fire Protection Technology, through Dutchess Community College, Poughkeepsie, NY. In 2010 Justin was hired by the Fairview Fire District as a firefighter/EMT. After two years, December 2012, Justin applied for and took over the Public Education Department for the district and has since ensured that there is constant contact with not only the general population, but the transient collegiate community as well. Currently Justin is working towards his Bachelors in Emergency and Disaster Management through the American Military University. He continues his fire service education to ensure the community receives the most up to date information through programs such as the Center for Campus Fire Safety's FireWise Campus Fire Training.

Abstract: Madison Incident

In 2007, the City of Madison recorded 5 fire fatalities, the last one occurring on December 30 of that year. The one everyone remembers, and for whom the City's smoke alarm ordinance is named, is 23-year-old Peter Talen, who died at 123 N. Bedford St. in the early morning hours of Sunday, November 18, 2007. All 6 of the house's smoke alarms were in good working order when students moved in that August. On the night Peter died, only one alarm in the basement was operable.

Beginning the Community Conversation: Media activity was instant and pervasive. Questions arose about "how this could have happened?" The fire department countered the common and strangely comforting perception of an unfeeling slum lord with the facts: The *occupants* had disabled the alarms...and this was a common occurrence.

While we were careful not to "blame the victim" in media interviews, we did push forward with factual information about the fire and its cause, balanced to illustrate that campus fire safety is a difficult "sell" to an audience that has many other priorities, AND that campus fires, injuries and fatalities (particularly off-campus) are a significant risk.

Platform for Change: The high-profile nature of this incident and the ensuing community conversation - presentations, media interviews, outreach, and targeted messaging - created a platform to support a new, comprehensive City smoke alarm ordinance. The ordinance was passed unanimously by the Common Council, with support from rental property owners/managers, the Talen family, and the occupants who escaped the fire.

Ordinance Outcomes: The passage of the ordinance was an opportunity for another round of media attention on the subject of fire safety and prevention. The MFD was subsequently awarded a Fire Prevention Grant for a smoke alarm installation project to provide and install smoke alarms in high-risk homes and bring them into compliance with the new ordinance. Once again, the community conversation expanded and focused attention on best practice and facts about the use, maintenance, and placement of smoke alarms. The MFD was invited to partner with Vision 20/20, allowing us to more than double our installation program. For 3 full years, there were no fire fatalities in the City of Madison. Since 2010, three more people have died. The MFD was once again awarded a Fire Prevention Grant for 2013.

Abstract: Poughkeepsie Incident

On the evening of January 21st, 2012, Fairview Firefighters were dispatched for a reported structure fire at 112 Fairview Avenue in Poughkeepsie. Multiple calls were being received by the 911 center with many callers reporting that people were trapped.

Four people escaped this inferno. Regrettably, three did not. Kerry Fitzsimons, Eva Block, and Kevin Johnson died that evening.

In the hours after the fire local and national media began the coverage of this important story, however national coverage tailed off due to the passing of Notre Dame's Joe Paterno. Locally, there was a need to know why this fire happened.

Fairview is a college community with a large population of students living in off campus housing. Many of these homes are close to 100 years old, constructed with wood and are balloon framed. This resulted in a fast moving fire. The building was well involved with fire upon arrival of firefighters.

As a result of the fire, at the prompting of Kathleen Way, from the Office of Fire Prevention and Control chose to take this teachable moment and educate other students and residents in the community. Three days after the fire, eleven teams visited homes on twenty seven different streets with a targeted safety message. Additionally, multiple homes were identified as lacking smoke detectors and through the generosity of Kidde had detectors installed.

Fairview continues to promote fire safety to our college students. Since the fire, we have collaborated with the local colleges providing outreach programs for college aged students. Multiple hours of training has been provided to individuals within the department to expand our training programs for students.

The fire at 112 Fairview Avenue has had a lasting effect on our community and our emergency responders.

3 SESSIONS

2:15PM - Empire Room

A) Smoke alarm installation program for students studying abroad.

Sarah Blanc, Jasmine Jahanshahi Fire Safety Foundation

Megan Clement, Jasmine Jahanshahi Fire Safety Foundation

William Flint, George Washington University

Tom Hayden, George Washington University

Moderator: Paul D. Martin, The Center for Campus Fire Safety

Sarah Blanc

Sarah Blanc is one of Jasmine Jahanshahi's childhood friends and a founding member of the Jasmine Jahanshahi Fire Safety Foundation. The project began as a practical way to cope with senseless loss, but through over two years of dedicated organizing with students and educators, the group has witnessed continued progress in education and

prevention. Sarah is motivated by the enthusiasm of educators and emergency managers who uphold the Foundation's mission and protect their students from fire related tragedies.

Megan Clement

Megan Clement began working for Jasmine Jahanshahi Fire Safety Foundation when it was formed in April 2011 after losing her best friend to a horrific fire that killed four students. She believes that through grassroots efforts, she can inspire individuals to take actions that prevent tragedy. She is grateful for the opportunity to present at this conference as she works to streamline fire safety for students at home and abroad.

William Flint

William Flint is the Director of the George Washington University Office of Health and Safety. His primary responsibilities include managing fire safety inspection programs, OSHA training and compliance, laboratory safety training and compliance, and hazardous materials management and response. In his two years at GW, he has worked to expand GW fire safety programs to include greater awareness of on and off-campus fire safety issues. Significant programs on campus include the incorporation of mobile devices for faster and more efficient building and laboratory inspection and the establishment of regular building familiarization exercises with District of Columbia first responders.

Tom Hayden

Tom Hayden has been an Inspections Supervisor with the George Washington University for the past two years. He retired as Battalion fire Chief from the Prince Georges County, MD Fire/EMS Department in 2008 after nearly 24 years of service. He previously served as a Homeland Security/Emergency Management Analyst with the District of Columbia Fire Department. Mr. Hayden has a BS in Fire Science from the University of Maryland University College and a Masters degree in Safety and Security Leadership from the George Washington University

Abstract:

Jahanshahi Fire Safety Foundation (www.firesafetyfoundation.org) will discuss a group initiative to install smoke alarms in other countries as part of a study abroad fire safety initiative. On April 14, 2011, a devastating fire overtook a building in the Ménilmontant neighborhood of Paris's 20th arrondissement, taking the lives of four ambitious students studying from around the world: Jasmine Jahanshahi, Louise Brown, Lise Aseberg and Felicia Bolm. The fire spread quickly, and without the warning of an alarm or a smoke detector or the safe passage of a fire escape, the students fell to their death. Another international student, Grace Flott, was seriously injured. Jasmine's family and friends formed the foundation in memory of her and began spreading their fire safety message to study abroad organizations.

In September 2012, George Washington University students experienced a fire in Paris. All of our students escaped but parental concerns led the vice president of safety to task our office with studying the issue. We developed a plan to begin installing smoke alarms and to date have initiated the Paris and Madrid plan.

We also reached out to the foundation and began developing a relationship with them which led to a joint presentation.

2:15PM - Lenox

B) Notification Appliances Reinvented

Rodger Reiswig, SimplexGrinnell

Rodger has been employed with SimplexGrinnell for over 25 years. Rodger started his career as a Technical Representative and has held several positions within SimplexGrinnell. Positions include Sales, Field Sales Engineer and Sales Manager.

Rodger's current position is that of Director, Industry Relations. As Director of Industry Relations, Rodger represents SimplexGrinnell worldwide and is able to devote his time to representing SimplexGrinnell on various codes and standards committees as well as serving on various association and organization boards and committees.

Rodger currently serves on the Board of Directors of the Automatic Fire Alarm Association, AFAA. He is also the Co-Chair of the AFAA Codes and Standards committee. Rodger serves as Vice-Chair of the NEMA Signaling Section, 3SB. He also serves as chair of the Standards Committee for NEMA. Rodger also served as Chair of the NEMA marketing group for "The Educational Life Safety Systems Guide." Rodger serves on the A117.1 Accessible and Usable Buildings and Facilities.

Additionally Rodger serves as a member of ASME, (American Society of Mechanical Engineers) and serves on the A17.1 Elevator and Escalator Safety Code, Emergency Operations Committee. Rodger is a member of the National Advisory Council for the Congressional Fire Services Institute in Washington, DC. He serves on UL, (Underwriters Laboratories) STP 2572 Control and Communication Units for Mass Notification Systems and also serves on ULC, (Underwriters Laboratories of Canada) S575 Commissioning Fire Protective Systems. Rodger also serves on NFPA's Fire Protection Research Foundation's technical advisory

Abstract:

There have been dramatic changes in technology over the past decade. This presentation will offer a peak into some of the upcoming product changes in the marketplace as well as codes and standards changes that effect fire alarm design. Topics covered will include IP Communications, Supervising Station off-site monitoring technologies, Information Management, reporting and Service tools

2:15PM - Lindell D

C) Cinematic Arts . . . "Safety Rules for Student Productions

Jeff Pendley, University of Southern California

Jeff Pendley is a Fire Captain for the University of Southern California in Los Angeles. He serves as a technical expert in fire safety matters and provides training and education to students and staff. Jeff serves as a liaison to the Fire Prevention and Operations Bureau

of the Los Angeles Fire Department. He is responsible for the university's compliance with the Campus Fire Safety Right-to-Know regulations, required by the U.S. Department of Education.

Since 2007, Jeff has concentrated on the university's effort to be more self-sufficient following a large earthquake. The university anticipates that municipal resources and the mutual-aid system will be severely challenged—and in some cases overwhelmed. This effort included the acquisition of a fire truck, training a university fire brigade, and creating and supporting Community Emergency Response Teams (CERTs).

Prior to joining USC in April 2006, Jeff was a Firefighter with the Sarasota County Fire Department in Sarasota, Florida. In 1995, he received an M.B.A. from the University of South Florida. Jeff is a National Fire Protection Agency (NFPA) Certified Fire Protection Specialist.

Abstract:

Cinema is the pre-eminent art form of our time; it has an enormous impact on our world, with the power to change consciousness and shape world culture. Many of our colleges and universities have programs designed to teach Film & Television Production.

Students need to safely learn all aspects of the art of storytelling working in many forms, from traditional large-screen films to those designed for the smallest cell phone screen, to television in multiple formats.

This session will describe USC's School of Cinematic Arts . . . "Safety Rules for Student Productions."

The presentation will offer you some ideas about:

- What might be included in your "Hazardous Shooting Conditions Permit?"
- What are the rules for Jib Arms, Cranes, Scissor Lifts, Camera Cars, or Car Mounts on student projects?
- What is the maximum shooting day for student projects and the minimum turn-around time before the next shooting day?
- Every set must have . . .
- How do outdoor productions differ from indoor Sound Stages?
- How do Fire Safety professionals supervise stunts, prop weapons, open flames, and various special effects?
- What does your Authority Having Jurisdiction (AHJ) need to know?

Hands-on movie making teaches students to learn by means of creative collaboration. Our job is to be a part of that collaboration and to help them be successful. As Fire Safety professionals, we can help our students understand the risks that are inherent in many parts of their production processes.

The ideas you learn in this session will allow you to develop more expertise and produce a comprehensive safety program for film productions on (and off) your campus.

3 SESSIONS

3:30PM - Empire Room

A) Pre-incident planning for hazmat in industrial, maintenance, studios, and labs.

John DeLaHunt, MBA, ARM, University of Texas at San Antonio

John DeLaHunt has managed environmental, health, safety, and risk issues in higher education since 1989. At Colorado College, he launched a comprehensive EHS program. At The University of Texas at San Antonio, he manages insurance, occupational safety, occupational health, workers compensation, fire protection, and wellness. He serves as the university's Fire Marshal and Risk Manager. Mr. DeLaHunt writes a bimonthly column for the Journal of Chemical Health & Safety, edited the Environmental Compliance Assistance Guide for Colleges & Universities (first edition in 2002, second edition in 2009), and has presented on diverse topics at dozens of conferences. The Journal of Chemical Health And Safety published his articles, "Review of the Safety of Potassium and its Oxides, Including Deactivation by Introduction into Water" and "Results-Oriented External Laboratory Inspection Programs." Mr. DeLaHunt is a contributing author for the 13th edition of the National Safety Council's Accident Prevention Manual and the Association of Higher Education Facilities Officer's Body of Knowledge.

Mr. DeLaHunt has served on the executive nominating, fire safety, government relations, and newsletter awards committees for the Campus Safety, Health and Environmental Management Association. He was the charter President of the College and University Hazardous Waste Conference, A Non-Profit Corporation. He serves on the University Risk and Insurance Management Association's government relations and affairs committee and the editorial board for the Journal of Chemical Health and Safety. Mr. DeLaHunt holds a Bachelor's degree in chemistry from Colorado College and a Master's of Business Administration in finance and management from University of Colorado - Colorado Springs. He holds the Associate in Risk Management designation from the Insurance Institute of America. He is a Pro-Board Certified Hazardous Materials Response Technician and Incident Commander.

Abstract:

As municipal fire departments grow in sophistication for response to hazardous materials incidents, and as they seek to reduce line-of-duty deaths resulting from acting without sufficient information, they turn more and more to pre-incident planning. This presentation will review the existing code requirements for pre-incident planning, explore some of the complexities associated with that planning, and identify some of the high-value ways forward that both municipal fire departments and institutions of higher education can increase information flow and decrease response times.

3:30PM - Lenox Room

B) Lessons learned from a CDC funded evidence-based smoke alarm installation program in St. Louis.

Fire Captain Derrick Phillips, St. Louis Fire Department

Fire Captain Derrick Phillips has had a distinguished career serving the St. Louis Fire Department for over 18 years. He currently heads the Office of Fire Investigations for the Bureau of Fire Prevention, where he has served as the Chief Fire and Explosion Investigator for the past 3 years. He has worked in Fire Prevention for the last 12 years, previously serving as the Public Education & Community Affairs Officer for 9 years.

During his tenure as Public Education Officer, Captain Phillips authored a fire safety program titled, "*The Phoenix Program*". The program has several age and grade based lesson plans and activities designed to be taught to primary school students in the classroom. Additionally, Captain Phillips designed and implemented a successful smoke alarm program that has realized over 1,000 lives saved over the past 6 years. Captain Phillips' talent for writing grants has resulted in several substantial awards to the St. Louis Fire Department for hiring additional staff, purchasing equipment and fire apparatus.

Born and raised in St. Louis, MO, Captain Phillips attended Sumner High School and Columbia College before earning his Associate of Applied Science in Business Administration. He is extensively involved in professional and civic groups as a member of the NFPA's Urban Fire Safety Task Force, a licensed Emergency Medical Technician, a certified Fire & Explosion Investigator, and a certified Fire Service Instructor. Captain Phillips has previously worked as an Adjunct Faculty member for the St. Louis Community College at Forest Park's Firefighter program. He is currently an Associate Faculty member with New Mexico Tech's Energetic Materials Research and Testing Center, teaching courses on response to terrorist bombing incidents.

Captain Phillips is married to his wife Niccole, and is the proud parent of two sons and two daughters: Derrick Jr., Britneé, Brandé, and Jalen.

Abstract:

The St. Louis Fire Department set out to prove that properly installed and maintained smoke alarms save lives. The CDC-funded project lasted for six years, and set out to expand and improve upon an already existing program. The methods employed included door-to-door canvasses by on-duty fire personnel, to: install 10yr lithium smoke alarms, assist with designing home fire escape plans, and conduct home fire safety surveys. Additionally, the Department held open house events and attended various community events to reinforce the messages delivered by firefighters. Members of the Department followed up with seasonal fire safety post card mailings, and phone calls to ensure that smoke alarms were still in working order. The program was evaluated every six months of the six year period to determine: the number of smoke alarms installed, the number of homes enrolled in the program, the number of fires in program homes, and the number of lives saved from fires in program homes, based on follow-up interviews or baseline data collected. The results showed that the Department installed 24,730 smoke alarms in 11,343

homes. There was a reported 264 fires in program homes, with a documented 707 lives saved as a direct result of the smoke alarm alerting the occupants. The Department concluded that properly installed and maintained smoke alarms do save lives.

3:30PM - Lindell D

C) College Public Education Programs/Urban Fire Department Interface

John Verbeek, Hamilton, Assistant Fire Marshall, Ontario, Canada

John Verbeek is a 32 year veteran of the Hamilton Fire Department and currently holds the rank of Assistant Chief Fire Prevention Officer. John is a graduate of the Ontario Fire College and is certified as a Public Fire and Life Safety Educator. John is also a published author having written and published a historical book on the Hamilton Fire Department in 2012. John is a member of the NFPA Urban Fire Safety Task Force and represents the Task Force as an alternate member on the NFPA1730 Technical Committee. John and his wife Mary, who is an ICU Trauma Nurse, are parents to 5 children, all of whom are completing their respective degrees at various Universities in Ontario, including two who attend McMaster University in Hamilton.

Abstract:

The City of Hamilton is the fourth largest City in Ontario and the ninth largest in Canada with a population of just over 520,000. Hamilton is home to McMaster University, Mohawk College as well as other smaller University and Colleges. Approximately 43,000 students attend post-secondary school in Hamilton and live both on and off campus.

Learn how the Hamilton Fire Department works with these Institutions to ensure the safety of all faculty and students on a daily basis. Following a near tragic fire in an on-campus housing building in 2009, learn about changes and initiatives McMaster University instituted to improve the safety of all students on campus.

PRESIDENT'S RECEPTION

Sponsored by



Gateway Arch Riverboat Cruise

We'll be rollin' on a 2 hour cruise down the Mississippi, singing school songs. "Be True to Your School" Wear your school colors/company logo shirts or hats!



Schedule:

Meet the bus in the Lindell Area at 5:00PM.

Board Riverboat at 5:30

Depart at 6:00

Return at 8:00

All off ship: 8:30

Buses will leave by approx. 8:30 to return to the hotel. Anyone that decides to stay downtown for dinner will be responsible for their own transportation back to the hotel.

Wear your school/company colors/logo ... Dress for fun!



Q: How many of you remember 33 1/3 RPM records ... or for that matter 45 RPM?

PRESIDENT'S RECEPTION

WEDNESDAY, NOVEMBER 6

3 SESSIONS

8:00AM - Lindell A

A) An Introduction to Water Mist Suppression Systems

Stephen Musur AVP CSP CFPS, The Chubb Group of Insurance Companies

Mr. Musur began his loss control profession in 1979. He has performed loss control evaluations throughout the USA, Canada, the UK, China and Japan. He has been a voting and technical writing member of the American National Standards Institute ANSI B.11 series. His current responsibilities as the Senior Property Specialist include: training of staff on fire protection, preparing seminars for clients and in-house staff on fire protection, servicing large property accounts, witness fire pump and other fire protection equipment testing, review of sprinkler plans for new construction and sprinkler system upgrades. He has presented at Chubb's Loss Control University, ASSE PDC (2007-2013), ASSE Seminarfest, NFPA's Fire and Security Expo, American Association for the Advancement of Science, Michigan Safety Council, and Chubb's Loss Control School in Shanghai, China.

His experience spans many industries, from printing, metal and plastic workers, refrigerated storage facilities, warehousing, hospitals, high rise buildings, and flammable liquid storage and handling occupancies to ethanol and bio-diesel production. He has a BS in Fire Protection and Safety Engineering from Illinois Institute of Technology. And is a member of the National Society of Fire Protection Engineers SFPE, National Fire Protection Association NFPA, National Fire Sprinkler Association NFSA, American Society of Safety Engineers ASSE, and the American Fire Sprinkler Association AFSA.

Abstract:

The progress on the research and application of water mist systems in fire suppression has been substantial over the last decade. To bring this work into focus, this session will discuss Water Mist Fire Protection Systems. It is intended to provide a basic introduction into water mist systems. Attendees will learn what constitutes a Water Mist System - components and configurations; How these systems function - actuation and suppression mechanisms; Typical applications - computer rooms, flammable liquids; System Limitations; and Governing Codes.

8:00AM - Lindell B

B) NFPA 720 - Updates to CO Detection Regulations

Thomas J. Norton, Norel Services Inc.

David Mills, UL Laboratories, LLC

Thomas J. Norton

Tom Norton is the Chairman of NFPA 720 and the founder and CEO of Norel Service Company, Inc., a Waltham, Massachusetts based Engineered Systems Distributor, supplying fire alarm, security products and central station monitoring in New England for over 40 years. Tom is very active in industry committees and associations including: Member of the Board of Directors for the National Fire Protection Association (NFPA); Member of NFPA Fire Alarm Technical Correlating Committee which oversees NFPA 72, and NFPA 720; Member of the Fundamentals of Signaling Chapter of NFPA 72, The National Fire Alarm Code; Chairman of NFPA 720, Standard for the Installation of Carbon Monoxide (CO) Warning Equipment in Dwelling Units; Member of NFPA 25, The Inspection, testing, and maintenance of water based fire protection systems; Member of the Codes and Standards Committee for The Center for Campus Fire Safety; Past chairman of the board for the Automatic Fire Alarm Association, and the past president of the New England AFAA; Member of the New England Chapter of the Society of Fire Protection Engineers. Tom participates in the Building Owners and Managers Assoc. (BOMA), Boston Chapter, and is a member of the National Association of Industrial & Office Properties (NAIOP). Tom holds an Associate Degree in Fire Science Engineering and is a licensed Master Electrician, and licensed Sprinkler Contractor.

David Mills

David holds a Bachelor of Science degree in Electrical Engineering from Purdue University, has worked for Underwriters Laboratories LLC for 20+ years with a current title of Primary Designated Engineer (PDE). Areas of expertise within UL include product certification, standards development, testing, test research, test method development and design, test equipment implementation and automation, for the detection, electrical shock and fire safety associated with initiating and indicating devices. David brings a wealth of knowledge from a multi-functional organization like UL which is a Standards Development Organization (SDO), Testing Organization, and Certification Organization.

David primarily operates in the public sector arena but has cross sector experience with government related programs through work with organizations such as IACP, ASTM, Battelle, FPRF, CPSC, NIST, NFPA, ECBC and DHS in the area of standards development, test equipment development, test method development, research and/or product certification.

8:00AM - Lindell C&D

C) Integrating Fire Alarm Systems and Mass Notification Systems - Developing a Master Plan for an Efficient and Economical Approach to Systems Upgrades

Wayne D. Moore, P.E., FSFPE, F.NSPE, CFPS, SET
Hughes Associates

Wayne D. Moore is the Vice President of Hughes Associates. He is a licensed professional fire protection engineer and currently serves as a member of the National Fire Alarm Code Technical Correlating Committee, The Center for Campus Fire Safety Codes and Standards Committee, and Chairman of the NFPA 72-2013 Emergency Communications Systems (ECS) Technical Committee. He is the Editor of the 1993 edition and Co-Editor of the 1996 through 2007 editions of the National Fire Alarm Code Handbook®, and the author of the recently released book, “Designing Mass Notification Systems, A Pathway to Effective Emergency Communications”, published by NFPA.

Wayne is a current Chairman of the National Fire Alarm and Signaling Code® (NFPA 72-2013) Emergency Communications Systems (Chapter 24) Technical Committee. He is also a member and Vice Chairman of the RI Professional Engineering Licensing Board. He is the 2009 recipient of the NFPA Standards Medal and the 2012 Recipient of the AFAA Lifetime Achievement Award. He is an instructor of many fire alarm systems seminars and is also co-editor of the Moore-Wilson Signaling Report, published by Hughes Associates, Inc. (www.haifire.com). Mr. Moore can be reached at wmoore@haifire.com

Founded in 1980, Hughes Associates, Inc. (HAI) is a global company offering fire protection engineering, environmental, and security consulting services. HAI experts draw on their in-depth knowledge to help clients reduce life safety risk, comply with building and fire safety codes, and reduce environmental impact. HAI staff are internationally-renowned engineers, scientists, and computer programmers, as well as training and other specialists. HAI is headquartered in Baltimore, Maryland with regional offices throughout the world. Their fire research laboratory and testing facilities complement their traditional consulting, engineering and forensic services. As a result, HAI is able to provide both unique research capabilities and global application expertise.

Abstract:

Fire alarm system upgrades in an active campus with both occupied and non-occupied buildings always presents a challenge. Mr. Moore will discuss “master plan” options for systems upgrades and integration that will ensure efficient and economical fire alarm system installation. He will discuss how to ensure code-compliance while upgrading systems using the master plan. He will cover all phases of the installation including system design, installation, testing and commissioning.

3 SESSIONS

9:00 AM - Lindell A

A) Preparing for the Crisis We Hope Never Comes

George V. Barber, MS, Tri-Harbour Training Associates

Retired Educator and Administrator, George is a nationally recognized speaker in the fields of education, crisis management and pre-hospital emergency medicine. He is a volunteer fireman, former fire commissioner and emergency medical technician. Board Certified in School Crisis Response by the American Academy of Experts in Traumatic Stress he has dispatched the Suffolk County CISM team and acts as peer counselor on the critical incident stress team.

Abstract:

Preparation will help mitigate the effects of crisis when it happens. The program examines the pre-incident planning, response tools to use during a crisis, Unified Incident Command and the post incident stress response, which is inevitable in the student body or staff. This is a great eye-opener for new administrators or those veterans who have never had to deal directly with or be on the firing line during a major crisis

9:00 AM - Lindell B

B) An introduction to the requirements of NFPA 25 Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems.

**Jim Feld, P.E., University of California Berkeley
Environment, Health & Safety Fire Prevention Division**

Jim Feld has been a Principal Member of the NFPA 25 Technical Committee for over 20 years. He is instrumental in setting up the inspection, testing, and maintenance program at the University of California-Berkeley and has served on the California State Fire Marshal's committee to adopt NFPA 25 for California. At the University of California he has been responsible for testing standpipe systems and developing a program for acceptance testing of standpipe systems. He has over 40 years of experience as a fire fighter and as a licensed Fire Protection Engineer. Jim is a Member of SFPE and a Life Member with NFPA.

Abstract:

NFPA 25: An introduction to the requirements of NFPA 25 Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems. The program will include numerous photographs of NFPA 25 related deficiencies.

Highlights:

- 1) The importance of NFPA 25
- 2) Who should be doing the work
- 3) Overview of requirements
- 4) Typical deficiencies encountered during inspection, testing, and maintenance

9:00 AM - Lindell C&D

C) NFPA 72 (Part 1)

Thomas P. Hammerberg, Automatic Fire Alarm Association (AFAA)

Tom Hammerberg is President and Executive Director of the Automatic Fire Alarm Association. He has been in the alarm industry for over 35 years and with AFAA for over 20 years. Tom is NICET Level 4 certified in the field of Fire Alarm Systems and is a Certified Fire Protection Specialist.

Tom represents AFAA on the NFPA 72 Technical Correlating and Protected Premises Technical Committees, NFPA 90A and NFPA 101/5000 Building Services and Fire Protection Equipment and Fundamentals Technical Committees, the ICC Industry Advisory Committee and Life Safety Section of the International Association of Fire Chiefs.

Abstract:

Many new changes have occurred in the NFPA 72, National Fire Alarm and Signaling Code. Attend this session and you will learn about the significant changes that have been made to the 2010 and 2013 editions of the Code. An important change for schools is the addition of a chapter on Emergency Communications Systems.

3 SESSIONS

10:15 AM - Lindell A

A) Mitigating Laboratory Fires and Explosions

William Guffey, University of Maryland

Alan Sactor, University of Maryland

William Guffey

Bill Guffey is the Senior Deputy Fire Marshal in the Fire Marshal's Office at the University of Maryland. He has worked for the university for ten years after retiring from the District of Columbia Fire Department. He has a Bachelor's Degree in Fire Science and hold certifications as a Certified Fire Protection Specialist, Fire Inspector III, Fire Investigator, Plans Examiner II and Fire Service Instructor. Bill is responsible for conducting annual inspections of all buildings on campus to include over 1300 laboratories using chemicals. In addition to inspections he conducts fire investigations and provides fire protection consultations to the campus community.

He has served on the District of Columbia Building Code Advisory Committee, BOCA Technical Interpretations Committee. Bill currently serves on the NFPA 80, Fire Doors and Other Opening Protectives and NFPA 45, Laboratories Using Chemicals.

Alan Sactor

Alan Sactor is an Assistant Director with the University of Maryland Department of Environmental Safety and the University Fire Marshal. He is appointed as the Assistant State Fire Marshal for the University of Maryland with jurisdiction for fire prevention, fire investigations, and building construction. His responsibilities also include emergency management.

He has over 37 years of experience in fire protection and the fire service including working as a firefighter/paramedic in the Washington D.C. area. Alan is a member of the technical committees for NFPA 1037, Professional Qualifications for Fire Marshal, NFPA 4, Standard for Integrated Fire Protection and Life Safety System Testing and NFPA 3, Standard for Commissioning of Fire Protection and Life Safety Systems. He serves on the Center for Campus Fire Safety Board of Directors and is the Chair of the Center's Codes Committee. Alan also serves on the APPA Standards and Codes Council. Alan was a participant and presenter at the first USFA/NFPA Forum on Campus Fire Safety and the first National Summit on Campus Fire Safety. He is a Certified Fire Protection Specialist with undergraduate degrees in fire science and biology and a Master of Science in Environmental Management. He has been with the University of Maryland since 1985.

Abstract:

The University of Maryland recognized the need for a more code focused inspection program to supplement the consultative approach to laboratory safety. This presentation will provide an overview of applicable code requirements for laboratories along with the University of Maryland's approach to mitigating laboratory hazards. Primary focus will be on NFPA 45, Fire Protection for Laboratories Using Chemicals (2011 Edition). In addition, the proposed changes to the 2015 edition of NFPA 45 will be discussed. A description of how the university's relatively new laboratory fire inspection program was developed, and the results obtained from the program will also be provided.

10:15AM - Lindell B

B) Developing Solutions to the Challenges of Fire Protection upgrades in Existing Libraries

**Joseph Watson, P.E., Senior Fire Protection Engineer
Hughes Associates**

Joseph is a licensed professional fire protection engineer in four (4) states and is a Senior Engineer with the fire protection engineering and code-consulting firm, Hughes Associates, Inc. located in Warwick, Rhode Island. Mr. Watson has an extensive resume of working on projects at colleges and universities. Project includes laboratories, dormitories, libraries, classrooms, sporting venues, performing art venues, dining halls, and gathering spaces. Mr. Watson has completed work on both public and private institutions.

Abstract:

Active libraries always represent a challenge when attempting to provide fire protection. Mr. Watson will present case studies that demonstrate the many and varied issues that can be encountered when attempting to provide fire protection upgrades in existing libraries. In addition Joe will demonstrate how different approaches to the design problem and how each type of fire protection system can be applied depending on the library design and storage.

10:15AM - Lindell C & D

NFPA 72 (Part 2)

Thomas P. Hammerberg, Automatic Fire Alarm Association (AFAA)

TECHNOLOGY EXHIBIT

11:15 Technology Exhibit and Lunch, Khorassan Ballroom.
Please refer to the Technology Section on page 44 for a listing of exhibitors.

LUNCH - SERVED IN EXHIBIT AREA

Sponsored by

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3 SESSIONS

1:15 - Lindell A

A) Staking versus Ballasting of Temporary Tents, Canopies & Structures—Industrial Field Testing Results and Fire Marshal Permitting.

James Gibbs, Fire Marshal, Arizona State University

Justin Daniels, Fire Marshal at the University of Oklahoma

James Gibbs

Jim Gibbs has been the Arizona State University Fire Marshal since January 1993 and Retired Fire Chief/CMSgt with USAF Reserves. Active participant as Chair or member of multiple International, National, Regional and Arizona Local Fire and Life Safety Committees and Fire Chief/Fire Marshal Committees, Task Forces and organizations.

Justin Daniels

Justin Daniels started working in the fire marshal's office at the University of Oklahoma in February 2002. He worked as a fire safety technician, helping recharge fire extinguishers, conduct fire drills, and assist with fire safety training for faculty, staff and students. Graduating from the University of Oklahoma in December 2006, Justin went to work for SimplexGrinnell doing fire alarm and fire sprinkler inspections. In February 2008, he returned to OU to become the fire inspector, having responsibilities including: fire inspections for all 320 existing buildings on campus, fire and life safety training for faculty, staff and students, plan review for new buildings and existing facility remodels, fire drills,

fireworks and open flame permits, fire investigation, and ensuring that all fire and life safety systems on campus are inspected and maintained.

Abstract:

This presentation will discuss the fire and life safety aspects of tents, canopies, and other temporary structures being set up on campus. We will discuss permitting of these temporary structures as determined by code and proper ballasting/staking to meet engineering design specifications. Additionally, a representative from the IFAI will discuss their ballasting and staking studies to help code officials identify when a temporary structure has been properly anchored. The end of the presentation will shift to a panel-style format in order to respond to questions from attendees.

1:15 - Lindell B

B) Introduction to Social Media (Part 1)

Lauren Backstrom, NFPA

Lauren Backstrom is Social Media Manager for NFPA. Lauren coordinates the organization's social media presence, including Twitter, LinkedIn, and the

Facebook pages for NFPA and its mascot, Sparky the Fire Dog® and the Firewise Communities Program. In addition, she writes for each of NFPA's nine blogs.

Prior to her work at NFPA, Lauren worked as an account manager at Gray & Rice Public Relations, Inc., and as an account executive at Racepoint Group, where she developed strong public relations skills. She helped to drive media relations and social media programs to garner success for many leading consumer, technology and health care brands.

Abstract:

In this session, Lauren will show you how to set up a company page on Facebook, Twitter, and You Tube, as well as how to get started with blogs, if your college or university fire safety group does not already have them. In addition, we will discuss how to utilize these social platforms to help spread your safety messages and educate the students through these tools that they are already using.

Please Note: Please feel free to bring your laptop if you would like to follow along with Lauren live online. Bring with you any questions or issues you may have encountered while managing your current pages, that Lauren can work through with you during the session. In addition, if you are new to using these social platforms and have basic account set-up types of questions, please bring any images or messaging you would like to have added to your pages, and Lauren can help assist you.

1:15 - Lindell C&D

C) Industry experts discussion group

Wayne D. Moore, Hughes Associates

Thomas P. Hammerberg, Automatic Fire Alarm Association (AFAA)

Daniel Finnegan, SIEMENS

Moderator: Paul D. Martin

This is an opportunity to discuss issues with experts. Tell us what issues you are facing in your position on campus or as a fire marshal. You will be able to talk with global industry leaders representing different points of view: A leading fire protection engineering firm, A highly respected nationwide association and code advocate - and a global manufacturer of top quality fire alarm systems.

3 SESSIONS

2:30PM - Lindell A

A) Emergency Crowd Management for Campus Venues

Kevin McSweeney, University of Delaware

Luisa Carlotta Ferreira, University of Maryland

Kevin McSweeney

Kevin has been serving since March 2006 as the University of Delaware Fire Protection Engineer/Fire Marshal where the primary fire protection program focus is with the Three E's: Engineering, Education and Enforcement. He is an NFPA Certified Fire Protection Specialist and Certified Fire Inspector II. Kevin has been active with The Center for Campus Fire Safety since 2007, and is currently a member of the Board of Directors. Prior to joining UD, Kevin served nearly 10-years with Delaware Office of State Fire Marshal where he served as Senior Fire Protection Specialist and Fire Protection Contractor Licensing Manager. Additionally, Kevin had a twenty year career in fire protection with the US Air Force, where he held the positions of acting Fire Chief, Deputy Chief, Assistant Chief Operations, Assistant Chief Technical Services, and Assistant Chief Training and Hazmat/Safety Officer.

Luisa Carlotta Ferreira

Luisa Ferreira currently holds the position of Assistant Fire Marshal at the University of Maryland, College Park where she coordinates life safety programs for public assembly events as well as public education programs. Luisa has worked for the University of Maryland in the Department of Environmental Safety since 1989. She began her career as a Safety Engineer for the Aetna Casualty & Surety Commercial Insurance Division. As an alumna of the University of Maryland with degrees in Industrial Technology and Spanish Language, Luisa also holds the certifications of Certified Safety Professional as well as Certified Fire Protection Specialist.

In 2008, she participated on the development team for a state-wide Crowd Manager online training program which continues to be offered free of charge on the website for the Office of State Fire Marshal.

Abstract:

In this session we will present the need, as per prescribed codes/standards/policies and Recent Incidents. We will discuss the need for trained staff to manage major events and methods how this can be obtained and the application for outdoor/indoor sporting events, concerts, tents and other events. We will present how UMD and UD have addressed emergency crowd management. We will also open the floor for your input.

2:30PM - Lindell B

B) Introduction to Social Media (Part 2)

Lauren Backstrom, NFPA

This session is more of a lecture style where we will discuss tips and strategies of getting your audience engaged. Each year, social media grows in popularity across the world, especially among college students. Knowing how to utilize social platforms to spread safety messages and educate your campus populations will aid in the success of any campaign. Social interaction can be applied to any brand's online presence to help generate a deeper connection with your audience. This session will highlight current trends in social media, tips and strategies for moving beyond a basic social presence, how to connect with your audience and what can be learned from the interactions, as well as several examples of successful social media campaigns or programs.

2:30PM - Lindell C&D

C) Designing and Testing the Effectiveness of Voice Messaging

Jack Poole, P.E., FSFPE, Poole Fire Protection

Jack Poole graduated from the University of Maryland in 1986 with a Bachelor's of Science degree in Fire Protection Engineering. Mr. Poole began his working career at Black and Veatch in Kansas City before leaving to start Poole Fire Protection in 1991. Working to build Poole Fire Protection from a home business located in his basement, to a thriving business with over 20 employees and a two story office building in Olathe, Mr. Poole has shown much in the way of leadership over the last 23 years of being a business owner. Mr. Poole is a registered PE in Fire Protection, licensed in 52 states and territories. His professional affiliations include: SFPE (Member Grade & Education Committee Member), MO-KAN SFPE (Past President), NFPA, NFPA Technical Committees (72, 409, 418, & 520), NSPE, KSPE, APBA (Past President), and ICC. He is on the SFPE Board of Directors, the NFPA Aviation Board of Directors, serves on the Curriculum Advisory Committee and Board of Visitors for the University of Maryland Fire Protection Engineering Department and is on the Oklahoma State Fire Protection and Safety Engineering Technology Advisory Board. He is also an ICC Certified Special Inspector for Spray-Applied Fire Resistive Materials.

Mr. Poole's expertise includes designing fire suppression and detection systems. He has designed hundreds of fire alarm and mass notification systems for public and private clients. Mr. Poole serves on the NFPA 72 Technical Committee and has conducted research intended to improve Intelligibility Standards with the Fire Protection Research Foundation.

Poole Fire Protection is a 20+ year old firm fire protection engineering and code consulting firm, which has excellent past performance, with our headquarters located in the Midwest (Olathe, KS in Kansas City area). Poole Fire Protection specializes in code consulting, life safety analysis, fire protection system design and fire protection/life safety construction management services. Our team consists of licensed fire protection engineers (PEs) and design professionals who are certified by the National Institute for Certification in Engineering Technologies.

Abstract:

This presentation will provide a brief overview of the paradigm shift we have seen in the fire alarm industry over the last couple years, and review some of the changes in the recent edition of the National Fire Alarm and Signaling code as it relates to Emergency Communication Systems (ECS), commonly known as Mass Notification Systems (MNS). Mr. Poole will discuss what is driving these ECS/MNS to be installed and how voice messaging/notification is being accomplished. Utilizing a voice system to accomplish mass notification requires the system to be designed to achieve voice intelligibility.

The presentation will provide guidance on how to design a system to produce intelligible voice messages and then how to perform system testing to confirm voice intelligibility. Understand the technology that we have at hand to convey the real-time instructions through voice messaging is critical for the safety of those that may be affected by emergency incidents.

2 SESSIONS

3:45PM - Lindell A

A) Intelligibility in Emergency Communication Systems

Max McLeod, SIEMENS

Max is the Manager of National Solutions Business Development for Siemens Building Technologies, Inc. In his position Max provides technical training and creates educational presentations to the fire protection engineering community on a national basis. He is involved with developing and maintaining product specifications for fire and mass notification markets. He provides technical sales support to branch offices and distributors for SIEMENS product solutions. Over the past 22 years, Max had held various positions within the company with increasing levels of responsibility. He currently leads the efforts in SIEMENS Engineering Advantage program that creates and provides engineering lunch and learn educational programs for key consultants in the US, Canada and International UL markets.

Max is also: Current President of the AFAA chapter in Alabama for the past 4 years; Author of the current fire alarm licensing law in Alabama; Technical Committee member of NFPA 72 National Fire Alarm and Signaling Code; and Technical Committee member of NFPA 75 Standard for the Protection of Information Technology Equipment.

Abstract:

This presentation will cover the topic of Intelligibility from the perspective of emergency communication system design and installation. We will cover some of the science of sound, the voice system components, building construction impacts and application solutions to insure the system design will adequately meet all required codes. A review of the NFPA 72 requirements and definitions related to intelligibility vs. audibility in voice systems will be analyzed. We will also discuss various methods of verification to insure the system is acceptable at the final turnover and beyond.

Learning Objectives:

- Describe the major goals of emergency communication
- Explain the difference between audibility and intelligibility
- Be able to recognize the major construction factors that contribute to sound distribution
- Understand the various methods of evaluation of system to insure proper operation

3:45PM - Lindell C & D

B) How do colleges prepare for weather and emergency events.

Justin Daniels, University of Oklahoma, Stillwater, OK (Tornados).

Mark Bagby, Washington University in St. Louis, (River Floods)

Robert Ferrara, Montclair University, NJ (Hurricane Sandy)

Moderator: Paul D. Martin, President, The Center

Justin Daniels

Justin Daniels started working in the fire marshal's office at the University of Oklahoma in February 2002. He worked as a fire safety technician, helping recharge fire extinguishers, conduct fire drills, and assist with fire safety training for faculty, staff and students. Graduating from the University of Oklahoma in December 2006, Justin went to work for SimplexGrinnell doing fire alarm and fire sprinkler inspections. In February 2008, he returned to OU to become the fire inspector, having responsibilities including: fire inspections for all 320 existing buildings on campus, fire and life safety training for faculty, staff and students, plan review for new buildings and existing facility remodels, fire drills, fire-works and open flame permits, fire investigation, and ensuring that all fire and life safety systems on campus are inspected and maintained.

Mark P. Bagby

Mark Bagby earned his Bachelor of Science from Texas A&M University and a Master's in Biosecurity & Disaster Preparedness from Saint Louis University. Currently, he is the Director of Emergency Management for Washington University in St. Louis. He is also an adjunct faculty member teaching Emergency Management at Saint Louis University and an instructor for FEMA. Mark serves on the Board of Directors of the Campus Safety Health & Environmental Management Association and a member of its Emergency Management Committee. In 2011 he founded and chairs the St. Louis Emergency Management University Consortium to help institutions of higher education build their emergency management plans and programs.

In 2012 he was asked to serve on a national task force to help develop guidelines, resources and procedures for institutions of higher education to deal with bomb threats and campus evacuations. Mark also speaks nationally on emergency notification systems, emergency communications and emergency planning. Mark is also very active in the St. Louis region serving as a firefighter, hazardous materials & WMD technician, Urban Search & Rescue specialist and structural collapse technician. Additionally, he has been involved in exercise planning and disaster and event planning throughout the St. Louis metro area through the St. Louis Regional Response System (STARRS).

Robert Ferrara

Robert Ferrara is the Director of Fire Safety for Montclair State University, Chair of The Center's Membership Committee, and a Member of The Center's Board of Directors. He has 26 years experience as a firefighter in the Lyndhurst Fire Department, including serving as Chief of the Department for four years. He is licensed as a Fire Official and Fire Sub-Code Official.

Robert was employed by the New Jersey State Fire Marshal's Office as a state fire inspector prior to his employment at MSU in 2002. As Director of Fire Safety for Montclair State, New Jersey's second largest University, Robert is responsible for all aspects of life safety throughout the campus, which serves more than 3,000 faculty and staff and more than 18,000 students. Duties include fire and life safety inspections of campus buildings, reviewing plans for construction and renovation projects, and preventive activities. This includes training of University students and personnel, conducting fire and evacuation drills, testing of fire detection and protection equipment, providing educational programs, evaluating materials and establishing guidelines for fire safe materials.

Abstract:

This panel will discuss emergencies on campus ranging from hurricane Sandy, to the tornado in Oklahoma and the river floods in Saint Louis.

Hurricane Sandy occurred during our San Antonio Forum and, as a result, some of our Board Members were not able to attend the Forum. We'll discuss how Sandy impacted the New York/New Jersey areas.

Tornados and Floods: Preparation for the tornado that struck cover preparation for a tornado. May 20, 2013 an EF-5 tornado struck Moore, Oklahoma which is just North of The University of Oklahoma. In addition to being prepared for a tornado ourselves, the university had to take action to help our neighbors in a time of need. We will discuss the lessons learned during this incident that will help us be even better prepared for the next tornado event.

Flash Floods: We will discuss Washington University's challenges preparing for flooding, flash flooding and droughts that can affect campus operations. Other topics that will be discussed are Washington University's multi-modal emergency notification system to alert the university community and our emergency preparedness awareness campaign "Where to Go" in emergencies.

4:45PM - 7:00PM - Khorassan Ballroom

Technology Exhibit, Networking Reception and Raffle.



THURSDAY, NOVEMBER 7

9:00 - 10:30 - Regency Room

Town Meeting with Board of Directors

2 SESSIONS

10:45 - Lindell A

A) Firewise Campus Fire Safety Training - Wrap up and Lessons learned.

Michael J. Swain, University of Massachusetts

Janet Maupin, Champaign Illinois Fire Department, Illinois

Tim Knisely, Centre Region Code Administration, State College, PA

Michael J. Swain

Michael Swain is the Campus Fire Prevention Officer with Environmental Health and Safety at the University of Massachusetts in Amherst. Michael has worked in campus fire safety at the University for 27 years. Michael also serves as Vice President for The Center for Campus Fire Safety, a nonprofit advocacy group for Campus Fire Safety. Michael has been a member of the Greenfield, Massachusetts Fire Department for 29 years and currently holds the rank of District Chief. Michael is a Past President of the Fire Prevention Association of Massachusetts and is currently serving as secretary of the association. He was the 2008 Fire and Life Safety Educator of the Year for Massachusetts.

Janet Maupin

Janet is a Deputy Fire Marshal for the Champaign, IL Fire Department. She inspects university-owned buildings and delivers fire safety education to students and staff at the University of Illinois, Urbana-Champaign campus. She has been involved in making inspections for over 20 years. Currently inspecting university occupancies (laboratories, dormitories, major assembly venues, and classroom buildings), but with vast experience in making off-campus housing inspections (apartments, fraternity, sorority houses and privately owned dormitories).

Tim Knisely

Tim Knisely is the Senior Fire Inspector for the Centre Region Code Administration in State College, PA. In this position he manages the Existing Structures Division that administers

the fire and property maintenance code in all existing commercial and residential rental properties, and coordinates the life safety education for the community including off-campus and Greek housing. Tim has been active with The Center for Campus Fire Safety since its inception and served as treasurer from 2007 to 2010. He is a frequent presenter at Campus Fire Forum, an instructor for the Fire-Wise Campus program and served as project manager for Campus Fire Data. Active in emergency services since 1981, he has served as fire chief for the Bellefonte Fire Department. Tim is a local level instructor for the PA State Fire Academy and is currently a firefighter with the Alpha Fire Company in State College, PA.

10:45 - Lindell C

B) Method of teaching college freshmen fire safety through the Fire Bowl idea.

Robert Ferrara, Montclair University

Robert Ferrara is the Director of Fire Safety for Montclair State University, Chair of The Center's Membership Committee, and a Member of The Center's Board of Directors. He has 26 years experience as a firefighter in the Lyndhurst Fire Department, including serving as Chief of the Department for four years. He is licensed as a Fire Official and Fire Sub-Code Official. Robert was employed by the New Jersey State Fire Marshal's Office as a state fire inspector prior to his employment at MSU in 2002. As Director of Fire Safety for Montclair State, New Jersey's second largest University, Robert is responsible for all aspects of life safety throughout the campus, which serves more than 3,000 faculty and staff and more than 18,000 students. Duties include fire and life safety inspections of campus buildings, reviewing plans for construction and renovation projects, and preventive activities. This includes training of University students and personnel, conducting fire and evacuation drills, testing of fire detection and protection equipment, providing educational programs, evaluating materials and establishing guidelines for fire safe materials.

MEMBER LUNCH & ANNUAL MEETING

- 12:00 - 2PM - EMPIRE ROOM

Luncheon Sponsored by



Members Annual Meeting and Luncheon

All Members are invited to join us in at our Annual Meeting and Member Luncheon. We will hear from our President, Paul D. Martin, our Committee Chairs, and vote on proposed changes to by-laws.



FRIDAY, NOVEMBER 8

8:00 - 5:00PM - Empire Room

Significant changes to the 2012 IFC.

CEU's and code books will be given to attendees.

Bruce Johnson, International Code Council

Bruce Johnson is Director of Fire Service Activities for the International Code Council. Before joining the Code Council's staff in September 2007, he held the position of Fire Marshal for Riverhead Town (Long Island, N.Y.), from 1998 to 2007. He is currently a part-time Deputy Fire Chief Instructor for the Suffolk County (N.Y.) Fire Academy, a Fire Science Instructor in the Fire Administration and Emergency Management Programs at SUNY-Empire State College, and a nationally Certified Fire Instructor. He teaches many of the Commercial Building and Fire Code classes offered by the ICC.

He has more than 30 years experience as a volunteer firefighter and company and chief officer. He has extensive experience and knowledge in firefighting operations and tactics; incident command, fire service administration and emergency management; building and fire code administration; building and fire codes and standards and community risk reduction.

Bruce is a past president and active member of the NY State Fire Marshals & Inspectors Association. He holds a master's degree in Business Administration from the University of Southern California, a bachelor's degree in Accounting from Dowling College and a bachelor's degree in Fire Service Administration from SUNY-Empire State College.

Abstract:

ICC - The International Code Council, a membership association dedicated to building safety and fire prevention, develops the codes used to construct residential and commercial buildings, including homes and schools. Most U.S. cities, counties and states that adopt codes choose the International Codes developed by the International Code Council.

TECHNOLOGY EXHIBIT



Exhibit Hours:

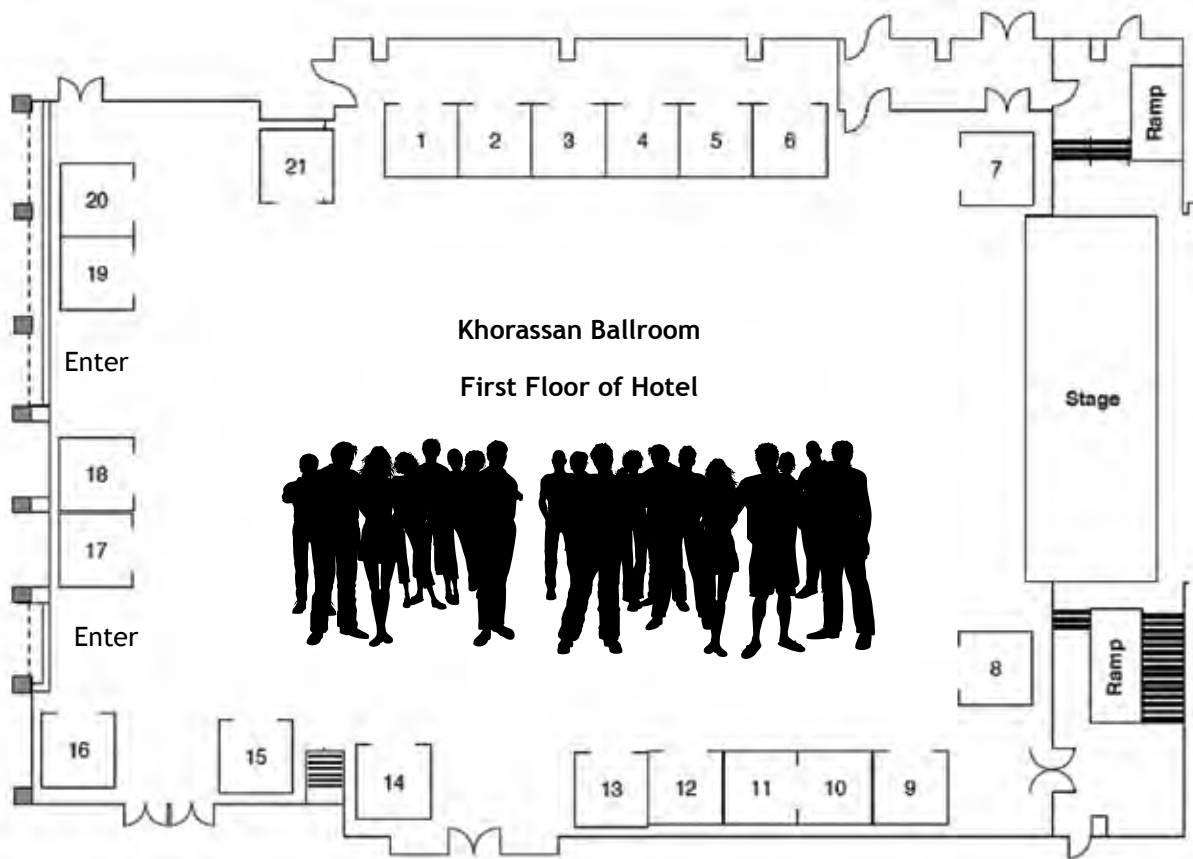
Wednesday, 11:15 - 1:15 and 4:45 - 7PM

A full lunch will be served during the afternoon exhibit, and Hors d'oeuvres in the evening.

**VISIT ALL THE EXHIBITOR BOOTHS
BETWEEN THE LUNCH AND
EVENING EXHIBIT AND YOU CAN
ENTER OUR DRAWING TO WIN A
GREAT PRIZE.**

Collect a business card from each technology exhibitor and simply turn them in to a member of our support team to enter the raffle. You must be in the exhibit hall when your name is called to be declared a winner.





Our Exhibitors

- Automatic Fire Alarm Association #20
- BullEx # 13
- CSHEMA # 16
- Denlar Fire Protection # 1
- Digitize # 9
- Firelite Alarms # 3
- Gamewell-FCI # 4
- ICC # 21
- Keltron # 18
- Kidde # 14
- Krown Manufacturing # 5
- MobileEyes (TradeMaster) # 12
- NFPA # 8
- Potter Electric Signal Company # 11
- RealView LLC # 10
- Safe Check # 6
- SIEMENS # 17
- SimplexGrinnell # 19
- Underwriters Laboratories # 2
- Xtralis # 15

THE CENTER LEADERSHIP

OFFICERS

Paul D. Martin
President

Paul D. Martin is the Chief of the Inspections and Investigations Branch for the New York State Office of Fire Prevention and Control. He also serves as a principle architect of New York State's nationally acclaimed Campus Fire Safety Program.

Michael J. Swain
Vice President

Michael Swain is currently the Campus Fire Prevention Officer at the University of Massachusetts at Amherst and has been working in fire prevention at the university for over 27 years.

Janet Maupin
Treasurer

Janet Maupin is a Deputy Fire Marshal for the Champaign, Illinois, Fire Department. She inspects university-owned buildings and delivers fire safety education to students and staff at the University of Illinois, Urbana-Champaign campus.

Mike Halligan
Immediate Past President (Founding Member)

Mike is the Associate Director of Environmental Health and Safety at the University of Utah where he is responsible for fire prevention and special events safety on campus. He has lectured on the topic of housing fire safety and campus fire prevention programs throughout the world.

BOARD MEMBERS**Robert Ferrara**

Robert Ferrara is the Director of Fire Safety for Montclair State University. He has 26 years experience as a firefighter in the Lyndhurst Fire Department, including serving as Chief of the Department for four years. He is licensed as a Fire Official and Fire Sub-Code Official.

Tim Knisely

Tim Knisely is the Senior Fire Inspector for the Centre Region Code Administration in State College, PA. In this position he manages the Existing Structures Division that administers the fire and property maintenance code in all existing commercial and residential rental properties, and coordinates the life safety education for the community including off-campus and Greek housing.

Kevin McSweeney

Kevin has been serving since March 2006 as the University of Delaware Fire Protection Engineer/ Fire Marshal where the primary fire protection program focus is with the Three E's: Engineering, Education and Enforcement. He is an NFPA Certified Fire Protection Specialist and Certified Fire Inspector II and has been active with Center for Campus Fire Safety since 2007.

Jeff Pendley

Jeff Pendley is a Fire Captain for the University of Southern California in Los Angeles. He serves as a technical expert in fire safety matters and provides training and education to students and staff. Jeff serves as a liaison to the Fire Prevention and Operations Bureau of the Los Angeles Fire Department. He is responsible for the university's compliance with the Campus Fire Safety Right-to-Know regulations, required by the U.S. Department of Education.

Alan Sactor

Alan Sactor is an Assistant Director with the University of Maryland Department of Environmental Safety and the University Fire Marshal. He manages a staff of 10 full- and part-time deputy fire marshals, fire inspectors, and fire protection engineers.

Anthony Yuen

Anthony Yuen is the Campus Fire Marshal at the University of California - Berkeley. He is a licensed fire protection engineer in the state of California with a strong technical background and almost 30 years worth of experience in the fire protection industry.



Thanks for attending!

We look forward to seeing you at

Campus Fire Forum 2014

**The Center for Campus Fire Safety
10 State Street
Newburyport, Massachusetts 01950**

978.961.0410 | www.campusfiresafety.org

CAMPUS FIRE FORUM 2013