

# FDIC 2016 CLASSROOM SESSIONS

Wednesday, April 20, 2016, 10:30 AM-12:15 PM

## **Assessing Your Community for the Wildland Urban Interface Threat**

*Captain/Training Officer Seth Barker, Big Sky (MT) Fire Department*

Getting back to the basics with a wholistic approach to assessing a community and the real-world challenges responders face with the imminent threat of a wildland fire in the urban interface are the focus. This approach includes identifying target hazards, accurately creating an incident action plan, and developing an overall strategy for the local fire department and responding agencies. Specific topics include how to adequately prepare to perform techniques for mitigating the hazards in their communities; educating local agencies and community stakeholders about what it means to fight wildland fires, mitigate hazards, and develop real response profiles; mapping the community's capabilities; ensuring that the customers understand how much danger they are in and how to better combat that danger in the future; and ensuring that all are fully informed on all major threats to the fire district. ALL LEVELS

**Room 103-104**

## **eLearning in the Fire Service: Choosing the Right Learning Management System**

*Firefighter/Paramedic Freddie Batista, Fort Lauderdale (FL) Fire Department*

Walk through the process of choosing the right learning management system for your fire department. Fire department training has evolved. With shortages in staffing and the inability to send personnel to conferences or out-of-state training, departments need to look at another avenue for facilitating their training. The focus is on selecting the learning management systems (LMS) that will work best. Students are guided in creating a checklist of questions to ask when shopping for the most efficient and effective system. ALL LEVELS

**Room Wabash 2**

## **Fostering an Atmosphere of Operational Resilience**

*Firefighter G. Howard Blythe, Fire Department of New York*

This presentation outlines a model of tactical characteristics, training structure, and administrative philosophy that has the potential to create an environment and culture of operational resilience. This trait is one of the five characteristics of high reliability organizations and is the cornerstone of efficient and quick reacting operating organizations. In environments of high consequence and constantly evolving conditions, operational resilience is a principle that allows for greater organizational success and individual performance. ALL LEVELS

**Room 107-108**

## **What Would You Do?**

*Assistant Chief (Ret.) John "Skip" Coleman, Toledo (OH) Department of Fire and Rescue*

Every firefighter riding the seat of a fire apparatus, regardless of rank, could be called on to establish command at a fire or other incident. This class will help you to develop the skills necessary to initially assume command at an emergency incident. Students will be walked through the command process at scenarios presented. ALL LEVELS

**Room 231-233**

## **Firefighter Free Speech**

*Chief David Comstock, Western Reserve (OH) Joint Fire District*

The interaction between a firefighter's First Amendment right of free speech and a governmental employer's right to maintain order and discipline within the fire department is explored. Federal rules and regulations and court cases that have addressed many of the repeating conflicts that occur within the firehouse, including criticisms of fire officials, retaliatory action, preemptory gag orders, participation in public demonstrations, and contacting city officials outside of the chain of command, are reviewed. Precedent court case rulings are applied to recent controversies involving social media rants and raves. ADVANCED

**Room 132-133**

### **Turning the Corner on Behavioral Health in the Fire Service**

*Battalion Chief Daniel DeGryse, Chicago (IL) Fire Department*

This class is an overview of behavioral health awareness in the fire service. The focus is on substance abuse, mental health, and suicide. Student participation will be encouraged for a safe discussion on these issues and to see what is trending across the nation. The stress response "flight or fight" all firefighters experience over their career and its benefits and adverse affects will be addressed. Learn some important resources available to firefighters for treatment of these issues. ALL LEVELS

**Room 127-128**

### **Line-of-Duty Deaths While Training in Rope Rescue/Rappelling**

*Rescue Training Coordinator Christopher Feder, Montgomery County (PA) Department of Public Safety*

When it comes to training, safety should always be paramount. We should have full control over training and drills to ensure participants' health and safety at all times. Occasionally, firefighters get injured and, in some cases, die in training. If we look at a few line-of-duty-death (LODD) investigations, we see that many of these incidents were, in fact, preventable. This program reviews case studies in which a line-of-duty death occurred while the victim was engaged in some type of rope rescue/rappelling training. Students are guided in writing, updating, and re-evaluating their departmental standard operating procedures to increase safety and decrease risk to firefighters. Topics addressed include equipment and personal protective equipment, training facilities, curriculum and drill design, instructor requirements, applicable National Fire Protection Association standards, and recommendations. ALL LEVELS

**Room Wabash 3**

### **Man vs. Machinery: Are You Prepared?**

*Captain Mark Gregory, Fire Department of New York*

Machinery entrapments occur all across the United States and Canada. Is your department capable of handling one? The objectives of this program are to provide responders with the knowledge to help manage incidents involving extrication of patients from various types of machinery. Both common machinery and machinery specific to locations within your response area are discussed. This is a highly specialized skill set, and caring for victims/patients entrapped in machinery requires providers to be trained in specific treatment modalities and the possible complications that may arise. Tool selection, patient stabilization techniques, and crush injury syndrome are discussed as well as several case studies. ALL LEVELS

**Room: Lucas oil Stadium Meeting Room 10-12**

### **Instructing on the Drill Ground: Getting Your Assignments Right**

*Deputy Fire Marshal Bill Hopson, Ocean County (NJ) Office of the Fire Marshal*

This highly motivational presentation examines the three primary roles of the drill ground instructor: observation, evaluation, and certification. It "challenges" attendees to identify the successful elements of the primary roles and examines the consequences of

failing to properly perform each one. Attendees get an opportunity to balance ethics and integrity when confronted with meeting administrative and regulatory requirements for providing realistic training in simulated structures. ALL LEVELS

**Room 136-137**

### **Top 20 Tactical Considerations from Firefighter Research**

*Director Stephen Kerber, UL Firefighter Safety Research Institute*

Over the past several years, the National Institute of Standards and Technology (NIST) and Underwriters Laboratories (UL) have been working with the fire service to examine fire dynamics and firefighting tactics. More than a hundred experiments have examined the changes in the fire environment over time, the impact of ventilating ventilation-limited fires, and the implications of flow control and effectiveness in suppression tactics. These experiments were conducted with firefighters from across the country from departments of different types with varying levels of staffing, resources, and operating procedures. The NIST and UL studies have produced tactical considerations that have become common themes over several studies that may change the way you view your standard operating guidelines. ALL LEVELS

**Room 243-245**

### **Overhead and Underground Electric Emergencies and Fires: What You Need to Know**

*Battalion Chief (Ret.) Frank Montagna, Fire Department of New York*

When responding to electrical emergencies and fires, you may have to make life-and-death decisions before the utility experts arrive. This course gives you the “need-to-know” information that will help you make those decisions and keep yourself, other firefighters, and the public safe. Responses to electric substations and to overhead and underground electric incidents are the focus. You will be alerted to the potential hazards inherent in these responses and introduced to the strategy and tactics that can keep you safe. BASIC

**Room 109-110**

### **Aircraft Down and You Are First Due**

*Firefighter Nick Palmer, Haughton (LA) Fire Department*

This class brings high risk, low frequency to a new level. An emergency involving hundreds of victims; 50,000 gallons of burning jet fuel; unexploded ordnance; jagged metal; and a pinch of structure fire mixed in for good measure is a recipe for chaos and confusion. At any given time, your district is at risk of experiencing an emergency involving a down aircraft. As first due, are you ready to handle the complications of such an incident? Do you know the hazards associated with this type of incident and how to mitigate them? Students get an in-depth look at the types of aircraft flying over their jurisdictions, the many systems aboard those aircraft, and the hazards they present. Case studies involving municipal responses to aircraft crashes involving commercial airliners, general aviation aircraft, and military aircraft are discussed. ALL LEVELS

**Room 101-102**

### **Preplanning and Inspecting Manufacturing and Industrial Facilities**

*Second Assistant Chief Benjamin Peetz, Napoleon (IN) Volunteer Fire Department*

Investigations following fires and explosions in manufacturing or industrial facilities often point to areas that fire personnel might never have considered threats. Additionally, catastrophic losses can be compounded by a fire department’s lack of proactive prevention efforts and a poorly planned response when an event occurs. From combustible dust explosions to high-voltage electrical fires, firefighters must understand what makes industrial facilities very different from a typical single-family dwelling. To reduce and prevent personnel and property losses before and after a fire occurs at a manufacturing or an industrial facility, we must know and understand what goes on

inside. The focus is on being prepared for when a high-risk, low-frequency fire or other emergency that extends well beyond the scope of a room-and-contents or other bread-and-butter response occurs, as it likely will one day. ALL LEVELS

**Room 125-126**

### **Toxic Leadership: a Wounded Soldier's Insight into Decon**

*MSG (Ret.) Mike Reynolds, Cahoun (GA) Fire Department*

MSG (Ret.) Michael Reynolds' career as a firefighter and soldier has seen toxic leadership. After a brain injury in Iraq and multiple hospitalizations and years of rehabilitation, he was forced to retire. He tells his story through an elaborate invention he built as he relates his life to a can of Coke®. ALL LEVELS

**Room 206-207**

### **Effecting the Rescue Through Aggressive Tactics: "It's Your Turn to Make the Grab"**

*Drillmaster Frank Ricci, New Haven (CT) Fire Department*

An unconscious victim has never been saved by a crew standing outside the building. The focus is on the actions that are imperative to effect the rescue--coordinating command, search, ventilation, and fire attack to control the building along with company tactics that can improve your effectiveness. The new science has not changed our mission. Students see how the science can be reconciled with proven aggressive tactics. An areas of emphasis will be search--our successes and our failures. ALL LEVELS

**Room Wabash 1**

### **Large-Flow Water Delivery Operations**

*Engineer (Ret.) Paul Shapiro, Las Vegas (NV) Fire Department*

This class takes students through a step-by-step large-flow water delivery operation starting with the first-in engine. It is based on a simulated growing large fire. The class starts at the point of the arrival of the first engine and progresses through the initial implementation of big water tactics and a complete assignment of units. Various types of water-delivery operations are covered. Other topics include high-flow discharge evolutions such as handlines, master streams, large-diameter hose, relay-pump operations, dual-pump operations, and looped supply line evolutions. The duties and responsibilities of the water supply officer are also covered. ALL LEVELS

**Room 240-242**

### **The Initial Line: Getting It Right the First Time**

*Captain Jonah Smith, Charlotte (NC) Fire Department*

The deployment of the initial hoseline is one of the most basic and important actions the fire service takes to effect the extinguishment of fires. However, it is often assumed to be elementary even though, at times, it is one of the biggest challenges we face. The need for a dynamic and well-trained engine company in all types of departments is the focus, and engine company operations and their importance to the proper mitigation of fire incidents are emphasized. The topics discussed include methods for ensuring proper hoseline selection, deployment, and efficiency of operation. ALL LEVELS

**Room Lucas Oil Stadium Meeting Room 3-4**

### **Fire Department of New York: Black Sunday**

*Firefighter Eugene Stolarski, Fire Department of New York*

A first-hand account of the events of January 23, 2005, that forced six New York City firefighters to jump out of the fifth floor of a Bronx tenement. Students will see how quickly things can go wrong on the fireground. Among the topics covered are the need for firefighters to have a personal safety system and the hazards of responding in illegally occupied buildings. ALL LEVELS

## Room Lucas Oil Stadium Meeting Room 1-2

### **First-In Driver: Street Smarts from a Driver Perspective**

*Chad Szeklinski, Heavy Equipment Operator, Milwaukee (WI) Fire Department*

The focus is on building more successful engine driving operations. Topics include how to properly prepare the engine at the start of the shift, correct positioning of the apparatus for fire/emergency medical calls, getting a water supply quickly, and troubleshooting apparatus issues. The instructor passes along some tricks of the trade as well. ALL LEVELS

**Room 234-235**

### **Welcome to the Ivy League of Firefighting in High- and Low-Rise Large-Area Office Buildings**

*Battalion Chief (Ret.) Jerry Tracy, Fire Department of New York*

The challenge of operating in high- or low-rise office buildings demands the disciplines of procedures far beyond routine operations. The presentation provides the information required for preplanning, including the responsibilities of building owners, managers, and occupants. The preplan discussed will be more than a building profile. It will focus on a plan of action for fires and emergencies. The instructor clarifies the characteristics of construction and how they factor in on the fire behavior expected in these structures. The strategies and tactics to extinguish routine fires to the most difficult fires are explained. Controlling smoke movement, search and rescue, and the command system that supports operations are discussed. ALL LEVELS

**Room 120-122**

### **Learning from Others' Experiences**

*Instructor Dave Traiforos, NIPSTA Training Academy, Glenview, IL*

Students are made aware of how firefighters' aggressive actions can increase firefighter risk of injury or death and prevent the completion of the task at hand, interrupting the fire action plan. They identify these aggressive actions in dramatic videos and photos and discuss their potential consequences. Among the topics covered are fire scene accountability, vehicle placement and operations, hoseline placement, the use of portable ladders, company officer development, building construction, water supply, search and rescue, and strategy and tactics. ALL LEVELS

**Room 105-106**

### **Step Up and Lead**

*Deputy Chief Frank Viscuso, Kearny (NJ) Fire Department*

The highest rated fire service leadership traits--among them are loyalty, adaptability, determination, enthusiasm, empathy, courage, and honor--are the focus. Students gain insight into enhancing their ability to lead themselves and others by analyzing case histories and lessons learned followed by action steps. ALL LEVELS

**Room 134-135**

### **Fully Involved Leadership**

*Captain Mark vonAppen, Palo Alto (CA) Fire Department*

This class is directed at fire service professionals who wish to expand their leadership abilities at any level. The focus is on improving team performance; the approach has been in use for more than 40 years in professional football, the fire service, and the business world. Getting team members to pull toward a common goal is a key component in successful operations. Acquire the tools that will help you to create a pact you can apply to all levels of your organization. ALL LEVELS

**Room 236-237**

### **Intelligently Aggressive Truck Functions**

*Division Chief Jimm Walsh, Winter Park (FL) Fire Department*

Many people associate the term “aggressive” with unsafe, particularly when it comes to truck company functions. The fireground can be made safer through the intelligent execution of truck functions. This presentation stresses the importance of intelligently aggressive truck functions and their positive impact on fireground safety. As a result of limited staffing situations, we must improve our efficiency on the fireground. Aggressive truck functions applied in an intelligent manner allow everyone to work in a safer and more efficient manner. This presentation gives valuable insight into the understanding of aggressive, yet safe, truck company skills. Participants gain valuable tips on how to increase the efficiency and effectiveness of their truck functions. Most importantly, participants see how intelligent aggressive truck functions can create a safer fireground.

ALL LEVELS

**Room 138-139**

### **Large Truck Extrication**

*Battalion Chief Steve White, Fishers (IN) Fire Department*

This program stresses that rescuers should not take a passenger vehicle approach to a large truck extrication. Students gain a working knowledge of large truck construction including air, electrical, and suspension systems. Options for using electric, pneumatic, and hydraulic tools to stabilize, gain access, and perform disentanglement from semitractors, large straight trucks, and cars trapped under trailers are discussed.

INTERMEDIATE/ADVANCED

**Room 123-124**

### **Flashover Life-and-Death Decisions on the Fireground**

*Firefighter Bryan Winzer, Fire Department of New York*

Flashover is devastating and has caused injuries and, in many cases, firefighter deaths. The devastating physical and mental scars left behind after a flashover last a lifetime.

Two case studies of incidents where flashover occurred are reviewed. In one incident, a firefighter was severely burned while battling a private dwelling fire. In the other incident, a firefighter was severely burned and his partner succumbed to his injuries while fighting a fire in a garden apartment. ALL LEVELS

**Room 238-239**

**Wednesday, April 20, 2016, 1:30 PM-3:15 PM**

### **BIG ROOM SESSION**

#### **Reading Smoke**

*Battalion Chief (Ret.) David Dodson, Response Solutions, LLC*

The instructor uses a “walk-the-walk, talk-the-talk” approach that does not include slides, note reading, or a teleprompter. First-timers will benefit from an introduction to the reading smoke principles using fireground video from real-world incidents (no simulations). Returning participants benefit from several new video examples that allow them to practice/maintain their reading smoke skills. ALL LEVELS

**Room Sagamore 3-4-5**

### **Volunteer or Career: the 12 Keys to Becoming a Professional**

*Battalion Chief Bob Atlas, Contra Costa (CA) Fire Department*

Are we professionals, or is that just what we call ourselves? A professional prepares and trains to a standard well above the amateur. Your personal implementation of standards and training prepares you to become a professional. In today’s fire service, those who seek professionalism will be rewarded with an incredible sense of

accomplishment and success. This class examines 12 “keys” to professionalism for career and volunteer firefighters, officers, and chief officers. Among the topics covered are strategies and tactics for putting the customer first, organizing your career action plan, and embracing change. ALL LEVELS

**Room 105-106**

### **The Assessment Center Process: How To Be Successful**

*Battalion Chief Lisa Baker, Oakland (CA) Fire Department*

Students are guided in the assessment center process and how to achieve higher scores. PowerPoint® will be used to present exercise questions. The focus will be on recognizing good responses and those that need improvement. Students are guided in the components of a better-than-satisfactory response and receive pointers on how to do well in each aspect of the test. ALL LEVELS

**Room 238-239**

### **Treating the Injured Firefighter**

*Captain Jason Blake, Montgomery County (MD) Fire/Rescue*

Emphasis is on developing proactive and engaged officers who facilitate training in the firehouse, on the street, and at the academy so that fewer firefighters are killed and injured during firefighting. Incumbent training is as important as initial training and, many times, is an excellent opportunity to learn from the near misses that occur almost every day. Students become acquainted with the ideas of officers and instructors and proven programs used in a combination department to teach firefighters how to learn from past events and recent case studies. They will see how lessons learned were the driving force for writing objectives and building training props to deliver a high-intensity training schedule to in-service units over a short time. ALL LEVELS

**Room 136-137**

### **Special Operations in Small Departments**

*Captain Art Bloomer, Kearny (NJ) Fire Department*

Many departments across the nation respond each year to incidents that require specialized rescue equipment and the proper training to operate it and quickly get in over their heads, sometimes with tragic results. Every department should have at least a basic knowledge of special operations. Learn about all of the potential issues you may face when responding to these types of incidents, how to identify the pitfalls, the laws and regulations involved, and preparing for your next rescue response. Among the topics addressed are the required training, the specialized equipment needed to mitigate such incidents, “sizing up” your response area to find sites prone to these types of incidents, and getting these industries to aid you in training and obtaining equipment. In addition, you will learn about other resources that may be in your area, such as regional USAR teams, and how to access them. ALL LEVELS

**Room 109-110**

### **In for the Long Haul: Introduction to Firefighter Mental Resilience**

*Assistant Chief of Chaplaincy Steve Calvert, Coppell (TX) Fire Department*

Consider the information shared “bunker gear for the mind.” The focus is on the safety aspects of mental resiliency (National Fallen Firefighters Foundation’s Life Safety Initiative 13) and on actions firefighters can take to build awareness and safeguards against distractions that can negatively affect their safety on the fire line. ALL LEVELS

**Room 132-133**

### **Death of a Member During a Training Exercise**

*Deputy Chief David Jephson, Terrace (British Columbia, Canada) Fire Department*

**International Presenter**

The mission is to stress to trainers that they need to be diligent during all training exercises and not deviate from set course guidelines just to make the class cool or sexy. This class is a push to improve safety for our members. During a training/call in a river in British Columbia, a search and rescue volunteer fire department member died because the group was not directed to focus on safety. During the exercise, which involved using a highline system, the member was pulled out of the boat by a cable and died in the river. Not that that was not enough, but there also was no safety plan in place, and attempts to save the member stopped after 18 minutes. Since that day, the presenter has been discussing training and safety issues that he has learned from this call as well as been an expert witness on the inquiry. Among the topics covered are rapid intervention teams, backup crews, accountability, and much more. ALL LEVELS  
**Room 231-233**

### **Managing Church Fire Operations**

*Battalion Chief Frank Leeb, Fire Department of New York*

Successful tactics for combating church fires are discussed. The fire service has few standard operating procedures for managing fires in places of worship, specifically structures of the Gothic type. Among topics covered are the unique construction features that company and chief officers must address to operate safely and successfully, hoseline selection and placement, apparatus positioning, and ventilation tactics. INTERMEDIATE/ADVANCED

**Room Wabash 3**

### **Field High-Rise Technical Training**

*Curtis Massey, Founder, Massey Enterprises, Inc.*

Chief officers, company officers, and firefighters can glean an invaluable amount of knowledge on fighting fire in these highly unique structures. This “walk-about” of sorts allows students to gain a very thorough understanding of building features and systems, in addition to many tips that can provide crews a strategic edge in those first few minutes--when most of the critical decisions are made. Attendees rotate among stations at an actual high-rise and extract key nuggets of knowledge from a veteran major city chief and a Virginia-based instructor who has been training big city departments for more than 20 years. Among topics covered are fire department connection pump operations, lobby control, stairwell/fire attack operations (including the use of large-diameter hoselines), elevator operations, understanding “air balancing,” and base building systems that must be resourced during a working fire. INTERMEDIATE

**Room Sagamore 6**

### **Fire Investigation: Case Study of a Fire Involving Interagency Cooperation, the Media, and the Scientific Method**

*Chief Fire Marshal Arthur Mastrangelo, Fire Department of New York*

Early in the morning of July 22, 2010, fire erupted in a residence in Staten Island, New York. The fire eventually rose to a third alarm; it, tragically, claimed the lives of five occupants. Based on erroneous information “leaked” to the press, the fire was blamed on the teenage occupant of the apartment. However, after a thorough investigation involving numerous agencies over the course of five days, it was revealed that the mother of the children was responsible for the murders and the subsequent fire. The fire and resulting investigation highlight the importance of working with the media but also limiting the type of information released to the press until a formal, thorough investigation has been completed. Among other topics highlighted are preserving a crime scene immediately following fire suppression; identifying signs of arson, particularly when there is a loss of life; and the detrimental effects that “leaked” information has on the investigation and the public. INTERMEDIATE/ADVANCED

**Room Wabash 2**

### **Down and Dirty Mayday**

*Firefighter Justin McCarthy, New Haven (CT) Fire Department*

On this job, your life can change in a tenth of a second. An in-depth look at one of the most stressful situations firefighters face, a Mayday. Instantly, a Mayday can send an already chaotic situation into a tailspin. This program is for large and small departments. The focus is on the basics and some proven techniques to help ensure a successful rescue. The class goes beyond the incident commander and the firefighter in trouble. Included are the roles and responsibilities of everyone operating on the fireground, including the rapid intervention team, dispatch, tactical reserve, fire attack, and ventilation. Lessons are reinforced with case studies, group discussions, and new approaches for mitigating Maydays being used around the country. ALL LEVELS

**Room 103-104**

### **First-Due Tactical Considerations for Wildland Urban Interface Operations**

*Chief Todd McNeal, Twain Harte (CA) Fire & Rescue*

Company officers and firefighters are introduced to the current tactical information necessary to accurately assess the fire's potential impact on the threatened structure and the safety of the engine company. Critical fire behavior and the most effective and safest initial tactical actions for the first-arriving responder or the company officer in the dynamic wildland urban interface (WUI) are addressed. The primary focus is on rapid recognition of fire threats and correctly selecting the most appropriate action from a variety of tactical actions to begin managing the incident by improving students' understanding of the dynamics of wildland fire behavior. ALL LEVELS

**Room 206-207**

### **Training for Proficiency: Task Books and Qualification Programs**

*Assistant Chief Kevin Milan, South Metro (CO) Fire Rescue Authority*

The class focuses on increasing fireground proficiency through direct and deliberate training programs and on methods for prescriptively determining training needs. Task books and position qualification manuals are explained; attendees receive templates for producing training materials and examples of tried and tested resources. Students receive assessment tools and a toolbox to create scenario-based training based on standards and standard operating procedures. Students will receive a complete task book-based training program. Electronic resources are customizable for any department. INTERMEDIATE/ADVANCED

**Room 101-102**

### **First Due! Residential Fire Concepts for Engine and Truck Companies**

*Lieutenant Doug Mitchell, Fire Department of New York*

The focus is on the mission-critical incident actions for engine and truck companies at residential fires. The class highlights the "must-have" roles and responsibilities for each unit and showcases elements that are imperative to establishing an efficient and effective fire attack. Successful fire suppression and rapid victim rescue rely on a deliberate balance of coordination and communication among all operating members. This class covers preincident readiness, radio reports, and tactical resource deployments for "both sides of the floor." Although the application of water still extinguishes fire and searches still locate trapped civilians, what is being questioned is the art and science behind how, when, and why we mount the attack. We must be ready to answer these questions! The first-arriving company's actions can make or break the operation. Is your team best prepared to operate in the modern residential environment? Don't think so--know so. ALL LEVELS

**Room 120-122**

## **How to Introduce CAFS to Your Department**

*Training Captain Olan Morelan, Springfield (MO) Fire Department*

An inside look into the trials and tribulations of implementing a new firefighting tool, specifically compressed air foam systems (CAFS). The course is taught from the perspective of a training officer who is or could be tasked with completing training with or without the manufacturer's guidance. Topics includes the predelivery prep work, tips on working with the manufacturer's training representatives, writing and establishing policy, tactical discussions from lessons learned, and a layout for the most vital portion--retraining. ALL LEVELS

**Room 243-245**

## **Rapid Intervention for Volunteer and Other Nonurban Fire Departments**

*Firefighter (Ret.) Joe Nedder, Uxbridge (MA) Fire Department*

So many times when reading line-of-duty fatality reports, we learn that a rapid intervention team (RIT) was not staged and ready at the scene. Worse yet is the fact that so many of the crews staged at many fires are just there to fulfill the National Fire Protection Association requirement. Many of these teams have little, if any, RIT skills training; they are not really ready to save a fellow firefighter. The reasons for these conditions vary. However, a skilled and capable RIT is even more necessary in the volunteer fire service than in larger urban organizations because most urban organizations have many more firefighters on scene; they have the numbers to support a personnel-intensive operation. The focus of this class is to prepare students from volunteer departments, particularly those with staffing issues, so that they will be capable and efficient and fully understand what their job is if they are needed to make a valiant effort to save a fellow firefighter who is lost, trapped, or unaccounted for. ALL LEVELS

**Room Wabash 1**

## **Attic Fires: UL-FSRI Technical Panel Results**

*Deputy Chief/Training Officer P.J. Norwood, East Haven (CT) Fire Department*

The information learned from the Underwriters Laboratories- Firefighter Safety and Research Institute (UL-FSRI) technical committee on exterior fire spread and attic fires is the focus. Students get an in-depth look at the testing, the results, and the tactical recommendations. UL-FSRI video and data help students to understand more thoroughly attic fires, the tests, and the tactical recommendations for increasing safety and decreasing property loss through rapid extinguishment. ALL LEVELS

**Room Lucas Oil Stadium Meeting Room 1-2**

## **Perceptual Distortions on the Fireground**

*Battalion Chief Eric Nurnberg, Iowa City (IA) Fire Department*

The fire service increasingly embraces the application of research and scientific principles on the fireground. For the first time in the modern fire service, the scope of firehouse debate rooted in physical sciences grows exponentially with each passing day. While we talk at length about how any number of physical factors affect our fire scene for better or worse, we largely neglect the science and research that have the most significant influence on tactical performance and mission outcome: human factors science. This class clearly demonstrates that every performance metric is predicated on a resilient mindset and that it is important to conduct training that enhances mental performance under stress. The primary focus is on how stress diminishes mental performance, causing perceptual distortions such as inattentive blindness and auditor exclusion. ALL LEVELS

**Room 127-128**

## **What You Should Know as a Fire Officer and Nobody Tells You**

*Deputy Chief Chris Pepler, Torrington (CT) Fire Department*

There is more to being a good officer than being efficient at fighting fires. This dynamic and interactive workshop is designed for prospective and seasoned officers looking for the tools to square themselves away and become the best officers they can be. The officer's role, organizational accountability, personnel management, knowing the business, and working with the media are among topics covered. This workshop covers the issues nobody wants to talk about--mistakes most officers make. Attendees will be involved in role-play scenarios that include personnel issues, conflict resolution, and surprise media interviews. ALL LEVELS

**Room 134-135**

**Planning Your Leadership Journey**

*Firefighter Tim Pillsworth, Washingtonville (NY) Fire Department*

Leadership is the most difficult skill to learn. With more than 75 percent of our country protected by volunteers, the need for more training for leaders is increasing. As with all journeys, it is all in the planning. "Failing to plan is planning to fail" holds true in the journey called leadership. Creating a list of the tasks as goals that meet the requirements of the position and mapping/planning your way through the journey to completion will allow for a smoother trip, greater success, and less stress. This class reinforces the message that officers need a plan with known tasks and goals, or they will not be able to accomplish anything. You will learn a simple way to plan your journey through your entire career and the importance of personal relationships throughout the journey. ALL LEVELS

**Room 107-108**

**Prioritizing the Volunteer Fireground**

*Captain Richard Ray, Durham (NC) Fire Department*

How the on-scene resources available at a residential structure fire are used and the initial actions the first-arriving responders take will determine the outcome of the incident. Volunteer firefighters may find it challenging to complete fireground tasks in a timely manner. When you arrive on the scene of a residential structure fire, do you have the firefighters and the equipment to safely and effectively accomplish fireground tasks? This class focuses on methods fire departments responding with volunteers can use to prioritize fireground tasks based on staffing and equipment. ALL LEVELS

**Room 138-139**

**The Engine Company's Guide to Winning: Water!**

*Lieutenant Steve Robertson, Columbus (OH) Division of Fire*

Students are exposed to the aspects of "go" and "no-go" situations. During "go" situations, students are given critical knowledge of what it takes to win the fight, starting with positioning of the apparatus, size-up, and line selection. Special emphasis is placed on the pace of the attack (smooth is fast, fast is slow), coordination of ventilation with the attack, flowing water while advancing, and using the reach of your stream inside the structure. Students are given street-smart tips on locating the fire, estimating the stretch, and where to place the initial attack lines for maximum effect. Topics include overcoming difficult stretches, dealing with knee wall fires, and second-due engine company responsibilities. The bottom line is, we win with water. Regardless of whether the water is applied from the interior or the exterior, initial line selection and placement are vital factors in a positive outcome. ALL LEVELS

**Room 240-242**

**Regional Multicompany Hands-On Training**

*Deputy Chief Drew Smith, Prospect Heights (IL) Fire District*

Many fire departments regularly rely on automatic aid or mutual aid to effectively respond to fires and other emergencies. For more than 20 years, about 700 firefighters from fire departments of Chicago's northern suburbs have conducted semiannual multicompany drills to prepare for a safe and effective response. Ranging from skill development to full-scale live fire exercises, these sessions challenge departments to work with one another. Learn about the history and development of this program, details of several past exercises, and the lessons learned and experiences of other regions that have conducted similar exercises. BASIC

**Room 236-237**

### **Standpipes: a New Look at an Old Tool**

*Captain Kyle Smith, Cobb County (GA) Fire Department*

We all have expectations of performance when it comes to a standpipe system. This class looks at what can be expected of an installed standpipe system and what to do if the unexpected happens. The results of flow testing are reviewed and discussed. Pressure-reducing valves, from their construction features to flow test results and what can be realistically expected from them, are covered. Lessons learned from the hands-on training conducted at the Riviera Hotel and Casino are reviewed, and incidents at which standpipe performance was a significant factor in a near miss or a line-of-duty death are examined. ALL LEVELS

**Room 125-126**

### **The Story of West: Multiple Firefighter Deaths**

*Chief Les Stephens, San Marcos (TX) Fire Department*

An interactive and detailed summary of the investigation report of the Texas State Fire Marshal's Office conducted in cooperation with the Texas Fire Chief's Association covering the April 17, 2013, West (TX) Fertilizer Plant explosion in which 10 firefighters died in the line of duty. The class leaders are two members of the task force who, along with Bureau of Alcohol, Tobacco, Firearms and Explosives agents, interviewed surviving emergency responders and examined other incident materials (i.e., radio communications, for example) and established a timeline of events for the incident. Additionally, the task force reviewed fire and emergency strategic (scene) operations and developed comprehensive lessons learned and best practices for preventing similar future firefighter fatalities. ALL LEVELS

**Room Lucas Oil Stadium Meeting Room 10-12**

### **Operating on a Floor Above**

*Captain Daniel Stratton, Camden (NJ) Fire Department*

The hazards associated with operating on the floor above a fire are identified. Precautionary measures for firefighters engaged in fire suppression activities under these conditions are stressed. Case studies are used to increase awareness of the challenges the firefighters face. Flashover, backdraft in voids, structural failure, wind-driven fires, assessing the fire structure, the priority of and importance in getting a stream on the fire, providing egress with ladders on upper floors, and additional safety and survival techniques are covered. ALL LEVELS

**Room 234-235**

### **Rapid Intervention Teams and Air Management**

*Lieutenant, Special Operations Joseph Troncoso, Portland (OR) Fire & Rescue*

**This Class Is Delivered in Spanish.** The focus is on the purpose of the rapid intervention team (RIT), why it is needed, and its function. Additional topics include equipping a team, running command during a Mayday situation, and using the RIT. Air management is also emphasized; air management requirements in the United States, obstacles departments have encountered while introducing air management in their departments,

how to implement air management standard operating standards, and how to practice air management procedures are covered. ALL LEVELS

**Room Lucas Oil Stadium Meeting Room 3-4**

### **Rural Fire Safety: Do It the Same Way, “Differently”!**

*Chief Devon Wells, Hood River (OR) Fire & EMS*

The wildland safety concept of lookouts, communications, escape routes, and safety zones (LCES) is widely accepted as one of the easiest-to-remember wildland safety standards in rural fire agencies and throughout the United States. The lack of situational awareness tends to be a leading cause in many line-of-duty deaths and near misses. This presentation provides a new way of analyzing risk at roadway emergencies, structure fires, and other incidents using proven methods. Safety is a topic that draws a lot of press yet doesn't seem to catch the attention of firefighters. This presentation takes each of the components of LCES and applies them to all-hazard incidents. How to use LCES at motor vehicle accidents, vehicle fires, structure fires, technical rescues, and hazardous materials incidents is addressed. By using easy-to-remember, routine, and adopted safety guidelines at all incidents, our chances for preventing injury and death increase. ALL LEVELS

**Room 123-124**

**Wednesday, April 20, 2016, 3:30 PM-5:15 PM**

### **BIG ROOM SESSION**

#### **Science in the Big Room**

*Panel: Director Stephen Kerber, UL Firefighter Safety Research Institute; Fire Protection Engineer Dan Madrzykowski, National Institute of Standards and Technology; Battalion Chief (Ret.) Jerry Tracy, Fire Department of New York; and Assistant Chief Derek Alkonis, Los Angeles County (CA) Fire Department. Moderator: Battalion Chief Erich Roden, Milwaukee (WI) Fire Department; editor in chief, Fire Rescue*

The fire service continues to drive the movement for science-based research to better understand the fire environment and how tactics influence the fire conditions. Underwriters Laboratories (UL) and the National Institute of Standards and Technology (NIST) continue to partner with the fire service with laboratory and field fire research. UL is in the process of more closely studying fire suppression to educate the fire service in respect to the most appropriate use of suppression appliances and techniques. The most current information on this ground-breaking study will be explained and discussed. NIST is also continuing its efforts to answer questions that the fire service needs answered. NIST is currently looking at some line-of-duty death incidents to recreate the incident and test possible tactics that could possibly avert similar future tragic events. Implementing tactical changes in standard operating procedures and on the fireground will be discussed and illustrated. ALL LEVELS

**Room Sagamore 3-4-5**

#### **A Broader View of “Science” and the Fireground**

*Major Jason Brezler, USMC/Fire Department of New York*

The focus is on a broader view of science as it relates to the open-system fireground. Valuable academic concepts are reinforced with anecdotal and empirical evidence. The fire service has made great strides in conferring with the scientific community in recent years, but the application of “science” has been narrow. The most significant scientific disciplines, those that center on the human element, have been neglected. The human element plays the most critical role in determining outcomes. ALL LEVELS

**Room Lucas Oil Stadium Meeting Room 1-2**

## **Common Principles of Firefighting (Conceptos Comunes del Combate Contra Incendios)**

*Captain Pedro Cáceres, Wayne Township (IN) Fire Department* **International Presenter**

**This Class Is Delivered in Spanish.** Firefighting often differs from one department to another, from one region of the country to another, and definitely from one country to another. At the same time, several principles are constant for all good firefighting, even at the international level. Teamwork, command presence, training, situational awareness, and fitness and are all factors that can improve the fire service regardless of its location. This class reviews these principles by using case studies that illustrate the need for and importance of sound firefighting principles and includes the sharing of lessons learned and supporting research and data. ALL LEVELS

**Room Lucas Oil Stadium Meeting Room 3-4**

## **Achieving Success Isn't an Accident: the Higher Reliability Organizing Path**

*Battalion Chief Dane Carley, Fargo (ND) Fire Department*

The focus is on higher reliability organizing (HRO). Students learn how to recognize and adapt to changes brought about by the constant flux in today's environment. HRO, used by other industries, is a resource that can help the fire service to use its members to recognize threats and opportunities and create new ideas that can lead to potential solutions. The system is applicable to day-to-day operations as well as emergency scenes. HRO develops advantageous behaviors in members, which makes it part of the culture and fosters an expectation of performance. ALL LEVELS

**Room 238-239**

## **Initial Size-Up Reports for First-Due Company Officers**

*Deputy Chief of Operations Leonard Carmichael Jr., Trenton (NJ) Fire Department*

The initial on-scene size-up for the first-arriving officer at various types of incident responses is the focus. This course addresses Goals 3 and 4 of the United States Fire Administration's Emergency Services Leader Strategic Plan. The framework is established for the entire fireground experience from assessing the incident scene arrival information to setting up an incident management system. Through lecture and individual scenario assessment, students use a systematic mental checklist (Command, Actions, Size-Up, and Help--CASH) for on-scene size-up reports that can be applied to all incidents. Topics include the establishment of command, the 13 point size-up factors, actions of the first-due companies, and additional resources that will be needed. This class is a plus for promotional exams. ALL LEVELS

**Room Wabash 3**

## **Saving Those Who Save Others**

*Captain (Ret.) Jeff Dill, Palatine (IL) Rural Fire Protection District*

This class is dedicated to educating firefighters on suicide awareness/prevention. It involves information gathered by the Firefighter Behavioral Health Alliance relative to firefighters' ages, work status, reasons behind the suicide, and much more. Attendees learn about signs/symptoms, behavioral health, policies, procedures, training, resources, and how to become involved with their employee assistance or chaplain program. The class features role-play that involves real-life situations. ALL LEVELS

**Room 109-110**

## **The House on the Hill: Topographically Challenged Firefighting**

*Lieutenant Danny Doyle, Pittsburgh (PA) Bureau of Fire*

Learn the tactical challenges associated with structures built on hillsides. Finding on your arrival at the scene a two-story, single-family structure on side A that transverses to five stories on side C will dramatically affect your operation and firefighter safety.

Challenges are identified and countered with fireground-proven solutions and innovative recommendations. Topics covered range from the importance of size-up and detecting above- or below-grade divisions and apparatus positioning for access to tactical advantage to twists on basement fire tactics because there are multiple floors below grade. Discuss street-smart tips for company operations and the need for situational awareness, survival skills, and escape systems. ALL LEVELS

**Room 125-126**

### **Firefighter Training Programs: a New Approach**

*Lieutenant Robert Finger Jr., Manlius (NY) Fire Department*

Learn a new approach to training in these busy times: the “Do the skill or do the drill” model. Members do not have enough time to get the training they need. Maybe 10 people show up for drill, but 20 do not! How do you know that everyone has the skills to be safe and efficient? Receive a complete training program, including skills sheets and lesson plans. INTERMEDIATE

**Room Wabash 2**

### **Fire Operations in Protected Structures**

*Lieutenant Brad French, Dayton (OH) Fire Department*

Do you really know the buildings in your first-due? Various concepts of fire protection systems, some of which can be quite complicated or intimidating, are brought down “to the street” for firefighters. Significant knowledge of standpipe and sprinkler systems, fire pumps, elevators, fire alarm control panels, smoke control systems, and other building safety features is often reserved for fire prevention or code enforcement personnel. Students gain an understanding of complex fire protection system components that will enable them to apply the easy-to-remember principles on incidents. They are also guided in developing a realistic preincident planning process. Case studies involving line-of-duty deaths and high-dollar-loss fires that occurred in buildings despite fire protection systems being in place are examined. ALL LEVELS

**Room Wabash 1**

### **Rules of Engagement for Positive-Pressure Attack**

*Chief Kriss Garcia, American Fork (UT) Fire & Rescue*

Amidst all the studies, hype, and hysteria, there are proven methodologies for putting positive-pressure attack into operation safely and effectively. This class looks at the decades worth of practical application of using fans for ventilating fire structures. It drives home that firefighter safety and victim survivability necessitate controlling the fire environment. ALL LEVELS

**Room 240-242**

### **The Hearthwood Condominium Fire: the Good, the Bad, and the Ugly (Firefighter Fatality)**

*Deputy Chief Stuart Grant, Grapevine (TX) Fire Department*

This presentation addresses the good things that happened at the Hearthwood Condominium fire--the rescues that were made, the tactics that were instituted, and the rapid intervention team’s actions. It also examines the bad things that happened that night: the confusion that existed at the command post and the ugly things that happened that took Dallas Firefighter Stan Wilson’s life. The class concludes with lessons learned. ALL LEVELS

**Room 120-122**

### **Standpipe Operations [Add Key Fire Hose sponsor logo](#)**

*Captain Bill Gustin, Miami-Dade (FL) Fire Rescue*

The class examines standpipe firefighting tactics and strategy, various types of standpipe systems and components, supplying fire department connections, and methods of stretching and advancing hoselines from standpipe outlets. ALL LEVELS  
**Room 243-245**

### **Mitigating New Vehicle Technology Rescue Challenges: Tomorrow's Cars Are Here!**

*Deputy Chief (Ret.) Carl Haddon, North Fork (ID) Fire Department*

The message is that vehicles have changed and will continue to change, as will the challenges and dangers they present at extrication operations. Reevaluating traditional methods, tactics, and equipment is a recurring theme in this class. Metallurgy, design, construction, new 2017 glass standards, and safety system changes are addressed. Additional topics include challenges from hybrids and lithium ion battery-powered vehicle fires and changes, advances, and limitations in current rescue tool technology. This program is based on the first-hand, ongoing relationship between the instructor and automotive engineers from major automakers. Visual aids and vehicle photos are based on donated tough new vehicles. ALL LEVELS

**Room 138-139**

### **Forcible Entry Wins Are in the Details**

*Lieutenant Samuel Hittle, Wichita (KS) Fire Department*

Why are some forcible entry attempts efficient while others are embarrassing? The answer is in the details. Setting forks, running a saw, and merely striking are not enough to ensure a win. Success requires knowledge of the system being defeated, familiarity with potential tools, and understanding basic physics concepts (levers, force multipliers, torque, impulse, inertia, vectors). This class will demonstrate non-evasive and evasive methods for windows, residential and commercial doors, overhead doors, hinges, padlocks, magnetic locks, high-density commercial systems, window bars, glass block, shearing, boarded openings, and more. Techniques include hand tools only, saws, and single-firefighter and company operations. Numerical evidence and video will justify why details like body positioning, tool placement and alignment, striking techniques, and exploiting system flaws matter. ALL LEVELS

**Room 127-128**

### **10 Commandments for the Company Officer: a Guide for Success Off the Fireground**

*Captain Jason Hoevelmann, Florissant Valley (MO) Fire Protection District*

Just as it is true on the fireground that as the first line goes, so goes the fire, it is also true that in the firehouse, as the company officer goes, so goes the crew! You can look at any company or house and tell a great deal about the attitude and competency of its company officer. Learn 10 basic competencies for company officers to get the most out of themselves and their crews. The focus is on creating a firehouse environment that fosters and mandates professionalism, effectiveness, and teamwork--qualities also vital for effectiveness on the fireground. Emphasis is on officers' mastering the basics of leadership, motivation, and empathy to a positive environment so company members can flourish and grow. INTERMEDIATE

**Room 231-233**

### **Firefighting Operations in Mega-Mansions**

*Past Chief Greg Jakubowski, Lingohocken (PA) Fire Company*

Today's homes are being built larger than ever in all community settings from rural to suburban to urban. These residential occupancies present many significant risks and operational challenges to commanders and fire companies. Building construction, engineered systems, and design configurations of common mega-mansions--ranging from 4,000 to 20,000 square feet--are the focus. Topics include predictability of building performance; occupancy risk and reading the building; and strategic factors and tactical

methodologies integrating the latest on fire behavior, flow path, and compartment control with insights on accessibility, limited water supply factors, and coordinated operational and incident management principles. Firefighting operations in these homes necessitate significantly different operational models than those used in the conventional home; these “new” models must ensure that command and company officers and firefighters have the additional knowledge and skill sets for safe operations. INTERMEDIATE/ADVANCED

**Room 105-106**

### **Aggressive Fire Attack at Modern House Fires**

*Training Officer Jerry Knapp, Rockland County Fire Training Center, Pomona, New York*

The focus is on fire suppression. Attendees are challenged to review their current fire suppression strategies/tactics based on construction; overcrowding (migrant workers, college towns, high cost-of-living areas); the earlier occurrence of flashovers; increased security; and the new residential fire curve impact on search and ventilation. Interactive computer-generated simulations cover key topics. Case histories and intended/actual outcomes are discussed, and tactical solutions are presented. Also addressed are RECEO-VS and SLICE-RS; residential flashover and warning signs, near misses; and water delivery by the engine, selecting and testing handlines for target flow, and proper nozzle selection. ALL LEVELS

**Room Lucas Oil Stadium Meeting Room 10-12**

### **Flipped Fire Training: Meeting the Demands of Today's Fire Service**

*Assistant Training Officer Frank Lipski, Florissant (MO) Fire District*

Students gain an understanding of the term “flipped training” and see how it can greatly improve department training. The instructor shares the story of how a failing training division was transformed into a successful program that has become the model for many agencies across the country. It meets the learning needs of all four generations in today's fire service and improves how information is learned and retained. These techniques can be used by any size department or agency. Attendees are given a detailed roadmap they can follow to achieve amazing results at their departments right away. ALL LEVELS

**Room 236-237**

### **They Fought for Each Other**

*Assistant Engineer E. J. Mascaro, Charleston (SC) Fire Department*

This presentation is based on “Blood Brothers,” the award-nominated series that ran in *Army Times* about the a courageous military unit that sacrificed their lives to change Adhamiya, Iraq. Personal experiences from the hardest hit and most decorated unit in the U.S. Army since Vietnam are discussed, as are successful strategies and techniques for good morale and cohesive units from the Army to the fire service. The fire service seems to have lost sight of the task at hand. Many firefighters feel that what they are currently doing is not what they signed up to do. We all get caught up in social media, but how can we ensure that we aren't being affected? Not only do we have to look after one another, but we have to look after ourselves as well. Students will learn of proven successful strategies and techniques for maintaining morale and teamwork in situations where quick decisions must be made. ALL LEVELS

**Room 136-137**

### **The Essentials of High-Rise Firefighting: What You Need to Know Before Going into Battle**

*Battalion Chief (Ret.) John Miller, Los Angeles (CA) Fire Department*

Nearly every sizable community possesses multistory buildings. From low- to high-rise, as structures rise away from terra firma, they become more challenging and perplexing to first responders. These buildings can be unforgiving of mistakes in a fire. The stakes are high. Be it single or mixed-use, it is imperative that you fully grasp all the nuances involved with fighting fires in these occupancies, many of which are “contained vessels” holding large populations. This class explores the facts and mysteries involved in these types of fires. The need to interface with base building systems that are ever-changing and evolving and the demand to adapt to these changes through new tactics and strategies compel today’s incident commanders and line firefighters to stay on top of their game. INTERMEDIATE

**Room 132-133**

### **Mobile Homes: Small House, Big Challenge**

*Battalion Chief Joseph Polenzani, Franklin (TN) Fire Department*

Learn what makes trailers different from “regular” wood-frame structures and how to safely operate within this challenging environment. Tactics for suppression and ventilation and strategies for operating in high-density mobile home communities are discussed. Mobile homes are found in communities of all sizes. In fact, 24 percent of mobile homes are in cities with a population of more than two million. In rural areas with long response times, a trailer fire is often a defensive operation. However, in urban or suburban communities, interior fire attacks are feasible, especially in larger double- and triple-wide modular homes. In these structures, ultra-lightweight construction, tight hallways, and unusual floor plans combine to make an unfamiliar and potentially dangerous environment for firefighters accustomed to operating in site-built houses.

ALL LEVELS

**Room 123-124**

### **Active Shooter Response: Oak Creek (WI) Fire Department’s Approach to Rescue in the Warm Zone**

*Battalion Chief Joe Pulvermacher, Oak Creek (WI) Fire Department*

The instructor reports on two active shooter incidents that occurred in his response area and how the lessons learned in each incident impacted the response paradigm.

Students share in a response protocol/procedure for mass-casualty tactical incidents developed by the Oak Creek Police and Fire Departments following the Sikh temple shooting in 2012. The importance of collaboration, uniformity, and scalability in these responses is emphasized. ALL LEVELS

**Room 101-102**

### **What’s Been Missing? Implementing Rehabilitation at the Incident Scene**

*Professor Denise Smith, Skidmore College (NY) and Illinois Fire Service Institute*

Despite the myriad of dangers firefighters face, the leading cause of duty-related death is sudden cardiac events, accounting for approximately 45 percent of line-of-duty deaths. Firefighting requires high levels of physical exertion and results in significant physiological disruption. Incident-scene rehabilitation is designed to mitigate the physical, physiological, and emotional stress of firefighting to improve performance and decrease the likelihood of injury or death. This presentation provides the foundation for developing and implementing a rehabilitation policy. ALL LEVELS

**Room 107-108**

### **Strategies and Tactics of Great and Respected Firefighters**

*Firefighter David Soler, Firefighter Toolbox, California*

Discover the success principles of great firefighters that have never been shared in a program before. If you’re looking to reach your potential as a firefighter and want to take your skills and fire service career to another level, this class is for you. This easy-to-

understand, step-by-step program is based on the instructor's 20-plus years of researching and interviewing the best of the best in the fire service. ALL LEVELS  
**Room 234-235**

### **Lessons Learned from a Near-Miss Mayday in Texas**

*Captain John Wright, Flower Mound (TX) Fire Department*

A first-hand experience. The Flower Mound (TX) Fire Department responded to a residential structure fire on June 17, 2011. While members conducted a primary search of the second floor, an error was made and the wall was opened up, allowing the room to fill with flames. This disoriented the firefighters, who became lost in the fire room. A Mayday was transmitted, and the firefighters were able to self-extricate through a small set of windows seconds before the room flashed. Students are presented with details concerning the errors that contributed to the firefighters' becoming lost and the struggles they encountered while trying to get out of the room. Students share in the lessons learned and insights into how firefighters react to overwhelming stress associated with high-speed threats to life. Complacency, gut instincts, proper use of personal protective equipment, muscle memory related to bad habits, preparedness, and pride are also covered as part of the lessons learned. ALL LEVELS

**Room 103-104**

Wednesday, April 20, 2016, 5:30 PM-7:15 PM

### **BIG ROOM SESSION**

#### **Bruno and Norman "Unplugged"**

*Chief (Ret.) Alan Brunacini, Phoenix (AZ) Fire Department; and Deputy Assistant Chief (Ret.) John Norman, Fire Department of New York*

An opportunity to see, hear, and interact with these two fire service luminaries. Glean the lessons learned from their illustrious firefighting careers. Share their observations and perspectives in an informal and entertaining atmosphere. Available only at FDIC. ALL LEVELS

**Room Sagamore 3-4-5**