

***THE PREMIERE CONFERENCE  
FOR FIREFIGHTER SAFETY***

***SPONSORED BY***

***Preliminary  
Program***

***FIRE DEPARTMENT SAFETY  
OFFICERS ASSOCIATION***



**September 27 ~ October 1, 2010  
Rosen Plaza Hotel ~ Orlando, FL**

## SUNDAY ~ SEPTEMBER 26, 2010

12:00 p.m. to 4:00 p.m. ~ Registration

## MONDAY & TUESDAY SEPTEMBER 27/28, 2010

8:00 a.m. ~ 5:00 p.m.

### INCIDENT SAFETY OFFICER ACADEMY

This is a 16-hour course designed to improve firefighter's effectiveness in his or her role as an Incident Safety Officer. This Academy will dive in-depth into the knowledge and experience elements of an effective ISO. The ISO Academy is an excellent tool, in addition to the Dave Dodson book and the NFPA 1521 standard in preparation for the FDSOA ISO Certification Exam. The study material for the exam is *Fire Department Incident Safety Officer 2nd edition* by David W. Dodson in addition to being familiar with *NFPA 1521*.

*Mike Petroff, Battalion Chief (Ret.)  
FDSOA, St. Louis, MO*

*Stoney Bowles, Training Division Chief  
Cobb County, GA, Fire & Emergency Services*

### HEALTH & SAFETY OFFICER ACADEMY

The 16-hour academy will prepare individuals to obtain Health & Safety Officer certification. It is strongly recommended that prior to taking the course that the student read and bring to class the primary textbook *Occupational Health & Safety for Emergency Services*, published by Delmar.

*Rob McLeod, Disaster Preparedness Chief  
Chandler, AZ, Fire Department*

*Ed Nied, Deputy Chief Health & Safety  
Tucson, AZ, Fire Department*

**NOTE: THE ISO & HSO EXAMS REQUIRE AN ADDITIONAL REGISTRATION FORM AND AN ADDITIONAL FEE.**

## TUESDAY, SEPTEMBER 28, 2010

5:30 p.m. ISO and HSO Certification Exams

## WEDNESDAY ~ SEPTEMBER 29, 2010

7:00 a.m. Registration Opens

8:00 a.m. FORUM OPENS

Moderator:

*Rob McLeod, Chairman FDSOA*

Welcome:

*Carl L. Plaughter, Chief  
Orange County, FL, Fire Rescue Department*

Invocation:

*Regan Vandergriff, Chaplain  
Orange County, FL, Fire Rescue Department*

8:30 a.m. ~ 9:30 a.m.

### OPENING KEYNOTE

#### LEARNING FROM OUR MISTAKES

As most of us know, many of our rules and regulations in the fire service are in place because someone got injured or killed doing something they should not have been doing. Or because standard procedures and good common sense were not followed resulting in a line of duty death. Jim has studied many accidents

and is a strong proponent that most could have been prevented had we learned from the previous mistakes. Jim is an excellent speaker that explains the problems and the solutions in plain English that we can all understand. His program may be the most productive hour you will ever spend. It is a "don't miss" opportunity!

*Jim Juneau, Attorney*

*Juneau, Boll, Stacy & Ucherek, PLLC, Addison, TX*

9:30 a.m. ~ 9:45 a.m.

Break

9:45 a.m. ~ 10:45 a.m.

### SAFETY IN THE URBAN SEARCH AND RESCUE ENVIRONMENT ~ THE HAITI EARTHQUAKE

Urban Search and Rescue (US&R) brings unique aspects to a Safety Officers roles and responsibilities. These roles and responsibilities are not the same that a normal Fire Department Safety Officer is presented with on a daily basis. We will look into these roles and the responsibilities that fall on a US&R Safety Officer and how they were carried out following a 7.0 Earthquake in Port-Au-Prince Haiti.

*Matthew C. Burns, Captain - Burke FS 14-C  
Fairfax County, VA, Fire & Rescue Department  
FEMA US&R VA-TF1/USAID SAR-1*

10:45 a.m. ~ 11:00 a.m. Break

11:00 a.m.

### ANNUAL BUSINESS MEETING & ELECTION

*Rob McLeod, Chairman FDSOA*

12:00 p.m. Lunch on your Own

Concurrent Seminars ~ 1:00 p.m. ~ 2:30 p.m.

### THE A B C'S OF SAFETY LEADERSHIP

This is a highly interactive and thought provoking workshop which focuses on identifying common safety issues and concerns in the fire service and addressing the barriers that compromise effective safety attitudes and behaviors. This workshop will help the participants focus on cultural change, organizational strategy and individual accountability for improving firefighter safety and drastically reducing the number of firefighter deaths and injuries in America by developing the right Attitude, appropriate performance Behaviors and sincere organizational and personal Commitments necessary to ensure the Health, Safety and Survival of our members.

*Billy Hayes, Director of Public Information  
District of Columbia Fire & EMS Department*

*Ron Dennis, Executive Director  
Arizona Fire Chief's Association, Avondale, AZ*

### ISO INCIDENT ACTION MODEL

As a Safety Officer do you use the Incident Action Model? Do you know what the Incident Action Model is? If you answer NO to one of these questions then this is a must take workshop for all Incident Safety Officers.. The workshop will go in depth into the 4Rs of an ISO's duty on every incident. The 4Rs consist of Reconnaissance, Resources, Risk and Reporting and you will learn how to use them effectively and how they work on an emergency scene. The workshop complies with NFPA 1521 Standard for Fire Department Safety Officer, 2008 edition, Chapter 6 Functions of the Incident Safety Officer.

*Terry Vavra, Chief  
Village of Buffalo Grove, IL, Fire Department*

## **PROTECTIVE FABRICS FOR FIREFIGHTERS**

This presentation discusses the protective fabrics used in the construction of firefighter's protective clothing. It includes the following topics: textile terminology, fibers, NFPA requirements and test methods (including TPP & THL), outer shell fabrics, thermal barrier fabrics, performance characteristics and limitations.

*Kirk Owen, End Use Marketing Manager Emergency Response, Tencate Southern Mills, Allen, TX*

**Break ~2:30 ~ 3:00**

**Concurrent Seminars ~ 3:00 p.m. ~ 4:30 p.m.**

## **THE A B C'S OF SAFETY LEADERSHIP ~ CONTINUED**

## **ISO INCIDENT ACTION MODEL ~ CONTINUED**

## **USING THE NATIONAL FALLEN FIREFIGHTERS FOUNDATION MEDIA RESOURCE KIT TO REDUCE FIREFIGHTER DEATH AND INJURY**

The National Fallen Firefighters Foundation produces and gathers training resources and distributes them to the fire service at no charge. The Life Safety Resource Kits 1-4, Firefighter Life Safety Resource Toolbox and the Learning Media Center are a treasury of information for Americas fire service. Topics include driver training, lightweight construction, model S.O.P.s and NIOSH Safety Alerts. These resources help departments implement the concepts of the Life Safety initiatives, which should lead to a reduction of firefighter death and injury.

*Mike Petroff, Region 7 Advocate  
National Fallen Firefighters Foundation  
St. Louis, MO*

**THURSDAY ~ SEPTEMBER 30, 2010**

**7:00 a.m. Registration Opens**

**General Session ~ 8:00 a.m. ~ 12:00 p.m.**

## **LEADING YOUR DEPARTMENT THROUGH A NEAR MISS**

If you have ever experienced a line-of-duty death or critical near miss you understand the importance and complexity of rallying your Department and providing a path forward that incorporates member/family support, fact finding, education and healing. This presentation will provide a personal and in-depth look at a comprehensive path forward that any Department could use during a critical incident. On October 29, 2007, a row house fire in the Capitol Hill area of Washington DC resulted in five firefighters receiving burn injuries. These injuries were severe and required extensive hospitalization. This presentation will highlight how the Department took the journey from re-living the moments of the crew through video documentary & building walk through, to Department wide training that took place at the location of the incident, a structured investigation team and ending with an active matrix of critical action items from the lessons learned.

*Lawrence Schultz, Assistant Chief Operations  
District of Columbia Fire & EMS Department*

**Break ~ 9:30 a.m. ~ 10:00 a.m.**

## **MAY DAY FOR MENTAL HEALTH**

This presentation deals with the problematic issue of increased cases of mental health issues in the Fire Service and the lack of capabilities to deal with these issues while addressing Life

Safety Initiative 13 from the National Fallen Firefighters Association regarding "Firefighters and their families must have access to counseling and psychological support."

*Patrick Kenny, Deputy Chief  
Western Springs, IL, Fire Department*

**Lunch on own ~ 12:00 p.m. ~ 1:00 p.m.**

**Concurrent seminars ~ 1:00 p.m. ~ 2:30 p.m.**

## **LIGHTER BY THE MINUTE ~ THE TRUSS SYSTEMS ABOVE & BELOW**

The ability for a Safety Officer to recognize and react to lightweight truss construction is paramount for firefighter safety. This program will help provide the groundwork for understanding engineered truss construction as well as develop a strong foundation within the art of reading lightweight truss systems. Together we will discuss and look at the lightweight truss system and how we must integrate this type system in our safety management plan, we will gain insight on event triage with an eye on construction and the direct impact on fireground safety and will also look at the factors that lead to injuries and LODD's when these factors are ignored or overlooked.

*Glenn Crabtree, Captain  
Mesa, AZ, Fire Department*

## **SAFETY PRACTICES CONDUCTED WHILE MITIGATING MARITIME INCIDENTS**

Responding to maritime incidents has become a frequent event for many fire departments and other emergency response organizations. Many departments are confronted with marine incidents that will put to the test the abilities of most incident commanders and response crews. The incidents could include; commercial vessel fires, waterborne WMD/Hazmat incidents, pleasure boat and marina fires, search and rescue operations, underwater/SCUBA operations, and flood water events. This presentation will review procedures including; cold water survival, vessel boarding techniques, accountability, firefighting operations (offensive/defensive), small boat operations, swift/flood waters safety practices, EMS operations, and personal protective equipment.

*Bill Burket, Captain  
Virginia Beach Fire Department*

## **"FIREFIGHTER SURVIVAL / KEEPING BADGES OFF THE WALL" (MAKING SAFE AND EFFECTIVE TACTICAL DECISIONS BASED ON EDUCATION & LEADERSHIP)**

This colorful powerpoint presentation loaded with fire case studies and lessons learned from his personal experiences in 31 years of crawling hallways with the Chicago Fire Department. Each incident is brought to life through exciting pictures and video. Each story reinforces powerful lessons learned. Topics covered include Risk Management, Reading Smoke, Building Construction & Collapse, Fireground Tactics, Flashover, Communications & Accountability, Commanding the May Day, and RIT Rescue.

*Steve Chikerotis, Deputy District Chief  
Chicago, IL, Fire Department*

**Break ~ 2:30 p.m. ~ 3:00 p.m.**

**Concurrent seminars ~ 3:00 p.m. ~ 4:30 p.m.**

## **LIGHTWEIGHT CONSTRUCTION ~ CONTINUED**

## MARINE SAFETY AND FIREFIGHTING ~ CONTINUED

### A CHECK~UP FROM THE NECK UP

The fire and emergency services profession is as equally mentally demanding on responders as it is physically. Unfortunately, identifying the psychological effects is much more difficult. Exposure to a wide array of events over time, or even in short duration, can affect individuals in many ways and leave long lasting issues. Then compound the “job” with the stress we have in our personal lives and it could be a recipe for disaster. Could mental and psychological stress be a leading factor in firefighter line of duty deaths? This presentation will identify the challenges we face, early signs to act on, and the solutions we can implement to give ourselves a check~up from the neck~up.

*Billy Hayes, Director of Public Information  
District of Columbia Fire & EMS Department*

*Judith A. Sutter Ed.D. NCC, Associate Professor  
Counseling Department, Argosy University*

**FRIDAY ~ OCTOBER 1, 2010**

**8:00 a.m. Concurrent Seminars**

### STRATEGIC AND TACTICAL SAFETY

Chief Harms will lead the group through the critical factors that Incident Commanders and Safety Officers must consider during Emergency incidents. Particular focus on command responsibilities for managing the safety risks through both tactical and strategic decision making.

*Todd Harms, Assistant Chief  
Phoenix, AZ, Fire Department*

### COMMAND SAFETY SIMULATION

This is a state of the art presentation utilizing interactive simulations that will assist Safety Officers to practically train during fire and emergency incidents.

*Jim Murphy, Lieutenant (Ret.)  
Orange County, FL, Fire & Rescue*

*Mike Gurley, Battalion Chief  
Virginia Beach, VA, Fire Department*

### SAFELY MANAGING LARGE ENCLOSED STRUCTURE FIRES

Firefighter safety and survival ultimately depend on understanding and managing the risk associated with Opened and Enclosed Structure fires. Based on years of research, case analysis and findings of the U.S. Firefighter Disorientation Study, this 3~hour seminar will offer a new tactical approach to safely manage enclosed structure fires linked to Firefighter Disorientation fatalities. In addition to a review of new terminology, other associated operational topics will include size up, available technology, the wind driven fire hazard, various hose evolutions that maximize flow, coordinated ventilation and breaching required to implement Standard Operating Guidelines for extremely dangerous large enclosed structure fires.

*William R. Mora, Captain (Ret.)  
San Antonio, TX, Fire Department*

**Break ~ 9:30 a.m. ~ 10:00 a.m.**

**Concurrent seminars ~ 10:00 a.m. ~ 11:30 a.m.**

### OPEN VS. ENCLOSED STRUCTURES ~ CONTINUED

## COMMAND SAFETY SIMULATION ~ CONTINUED

### CERTIFICATION, SELECTION, CARE, AND MAINTENANCE OF FIRE FIGHTING PPE AND NIOSH RESEARCH ON FIRE SERVICE PROTECTIVE CLOTHING

The personal protective equipment (PPE) worn by firefighters is an essential component to every fire department emergency response, but the certification, selection, care and maintenance of PPE may not always be well understood within the fire service. This session will discuss what it means for structural gear to be “certified” to NFPA 1971, Standard Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting. In addition, an overview of NFPA 1851, Selection, Care and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting that includes considerations for selecting new gear, cleaning and decontaminating existing gear, and determining when gear should be retired will be provided. The session will conclude with a synopsis of the current research being undertaken by NIOSH on firefighter protective clothing.

*Angie Shepherd, General Engineer  
National Personal Protective Technology Laboratory  
Pittsburgh, PA*

**Lunch on own ~ 11:30 a.m. ~ 12:30 p.m.**

**General session ~ 12:30 p.m. ~ 3:30 p.m.**

### GUILTY OR NOT GUILTY ~ MOCK TRIAL

*The Honorable Judge Robert McGann  
New York State Supreme Court*

*Philip Stittleburg, Chief  
LaFarge, WI, Fire Department*

*Seale Tuttle, Attorney  
Tolland, CT, Fire Department*

**Break ~ 1:30 p.m. ~ 1:45 p.m.**

**MOCK TRIAL Q & A ~ 1:45 p.m. ~ 2:30 p.m.**

### ALWAYS KEEP YOUR LADDER UP

Most of us come into the fire service because we have a deep basic desire to help others in need and we are willing to do whatever it takes to accomplish that. This presentation will help you recognize the skills that are essential to a healthy and productive team, the characteristics of a good leader, and how to be ready to serve in a leadership role when the opportunity comes your way. The concepts discussed in this presentation will help you not only in your position as a Safety Officer but as a leader in your department. Having spent his entire adult life in service to others Chief Davis has discovered that there are twenty things that matter, nine stands, seven essentials, six looks, and three characteristics that we all need to be aware of in order to always have our ladder up and be ready to climb into a leadership role when the occasion arises. Warning: This is an interactive program that encourages you to participate in the discussion. Attend this presentation only if you desire to improve your value to the citizens of your community, the department you serve, and most importantly the family you provide influence over.

*Sandy Davis, Director  
Caddo-Bossier Office of Homeland Security & Emergency  
Preparedness*

**3:30 p.m. Closing**

2010 FDSOA Annual Safety Forum  
HOTEL RESERVATION FORM

**REPLY DIRECTLY TO THE HOTEL**

**Mail To:** Rosen Plaza Hotel, 9700 International Drive, Orlando, FL 32819 — (407) 352~9700

**FDSOA Room Rates:** Single/Double: \$139.00 Plus Tax – **Cut Off Date: August 15, 2010**

**Arrival Date:** \_\_\_\_\_ **Departure Date:** \_\_\_\_\_

**NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CITY:** \_\_\_\_\_ **STATE:** \_\_\_\_\_ **ZIP:** \_\_\_\_\_

**WORK PHONE:** \_\_\_\_\_ **FAX:** \_\_\_\_\_

**ADDITIONAL PERSONS:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Cut-Off date for reservations is August 15, 2010 Your reservations will be held until 6:00 P.M. unless accompanied by a deposit. You may also guarantee with an accepted credit card, expiration date and signature.

- Hold until 6:00 P.M. only
- Guaranteed by the following credit card: (check one)
  - Master Card
  - Visa
  - AMEX

**Card Number:** \_\_\_\_\_

**Signature:** \_\_\_\_\_ **Exp. Date** \_\_\_\_\_

**MARK YOUR CALENDAR**

**Apparatus Symposium  
January 24 ~ 27, 2011**

**Annual Safety Forum  
September 19 ~ 23, 2011**

**Rosen Plaza Hotel, Orlando, FL**



FDSOA Headquarters, P. O. Box 149, Ashland, MA 01721  
Voice: 508~881~3114 ♦ 508~881~1128 ♦ Email: membership@fdsoa.org

### Incident Safety Officer Certification Application

Applicant shall meet requirements of NFPA 1521, 2008 Edition, Chapter 4, Section 4.5.1

#### Please type or print all information

Name: \_\_\_\_\_ SS# Last 4 digits: \_\_\_\_\_

Agency: \_\_\_\_\_ Rank: \_\_\_\_\_

Department Type: \_\_\_\_\_ Career \_\_\_\_\_ Combination \_\_\_\_\_ Volunteer \_\_\_\_\_ Other

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Day Time Phone: \_\_\_\_\_ FAX: \_\_\_\_\_

Cell Phone: \_\_\_\_\_ Email: \_\_\_\_\_

#### Professional Experience (Required)

Agency	Dates	Position

#### To Employer (Required)

Please verify the above information by signing below:

I verify that \_\_\_\_\_ has been involved in the emergency services for a minimum of five (5) years and meets the requirements of NFPA 1521, 2008 edition, Chapter 4, Section 4.5.1

Print Name: \_\_\_\_\_

**Required: Chief or Chief Officer**

Signature: \_\_\_\_\_

**Required: Chief or Chief Officer**



FDSOA Headquarters, P. O. Box 149, Ashland, MA 01721  
Voice: 508~881~3114 ♦ 508~881~1128 ♦ Email: membership@fdsoa.org

### Health & Safety Officer Certification Application

Applicant shall meet requirements of NFPA 1521, 2008 Edition, Chapter 4, Section 4 and must possess a current Incident Safety Officer Certification

#### Please type or print all information

Name: \_\_\_\_\_ SS# Last 4 digits: \_\_\_\_\_

Agency: \_\_\_\_\_ Rank: \_\_\_\_\_

Department Type: \_\_\_\_\_ Career \_\_\_\_\_ Combination \_\_\_\_\_ Volunteer \_\_\_\_\_ Other

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Day Time Phone: \_\_\_\_\_ FAX: \_\_\_\_\_

Cell Phone: \_\_\_\_\_ Email: \_\_\_\_\_

#### Professional Experience (Required)

Agency	Dates	Position

#### To Employer (Required)

Please verify the above information by signing below:

I verify that \_\_\_\_\_ has been involved in the emergency services for a minimum of five (5) years and meets the requirements of NFPA 1521, 2008 edition, Chapter 4, Section 4 and is currently a certified Incident Safety Officer.

Print Name: \_\_\_\_\_  
**Required: Chief or Chief Officer**

Signature: \_\_\_\_\_  
**Required: Chief or Chief Officer**

# Registration Form *(Register online at [www.fdssoa.org](http://www.fdssoa.org))*

## FDSOA Annual Safety Forum ~ Pre~Registration Required

**NOTE:** Use one registration form per person ~ photocopies accepted. Please return completed form, with payment in U.S. funds, to FDSOA, P.O. Box 149, Ashland, MA 01721~0149. Make checks payable to FDSOA. Save time ~ register online at: <http://www.fdssoa.org>.

Name: \_\_\_\_\_ Nickname: \_\_\_\_\_  
Title: \_\_\_\_\_  
Agency: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Day Time Phone: \_\_\_\_\_ FAX: \_\_\_\_\_  
Cell Phone: \_\_\_\_\_ Email: \_\_\_\_\_

### Conference Registration Fees

	Member	Non Member	Amount
<input type="checkbox"/> Safety Forum Only	\$325.00	\$425.00	_____
<input type="checkbox"/> Safety Forum & ISO Academy	\$425.00	\$525.00	_____
<input type="checkbox"/> Safety Forum & HSO Academy	\$425.00	\$525.00	_____
<input type="checkbox"/> ISO Academy Only	\$200.00	\$300.00	_____
<input type="checkbox"/> HSO Academy Only	\$200.00	\$300.00	_____
<input type="checkbox"/> ISO Certification Exam	\$ 95.00	\$195.00	_____
<input type="checkbox"/> HSO Certification Exam	\$ 95.00	\$195.00	_____
<input type="checkbox"/> FDSOA Individual Membership Dues <small>(Join now to take advantage of the member rate)</small>		\$ 85.00	_____

### TOTAL AMOUNT DUE

\$ \_\_\_\_\_

### Payment Information: (U.S. Funds, drawn on U.S. Bank)

Enclosed is a check payable to FDSOA     Enclosed is an official Purchase Order # \_\_\_\_\_  
 MasterCard                       Visa

Card Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Card Holder Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Card Holder Name: \_\_\_\_\_ (Please Print)

**Cancellations:** Cancellations must be made in writing and sent to FDSOA, P. O. Box 149, Ashland, MA 01721~0149. If received 30 days prior, 75% of Forum Registration only will be refunded; 7~29 days prior, 50% of Forum Registration only will be refunded. Less than 7 days, no refund is possible.

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Ashland, MA 01721~0149

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