



The Washington State
Association of Fire Marshals



2011 Fire Prevention Institute

Lodging: Campbell's Resort – Chelan, WA

Reservation Number: 800.553.8225

Please ask for the Washington State Association of Fire Marshals Room Block for discounted rates.

Monday – October 3rd, 2011

Opening Ceremonies 1:00pm

Chuck Duffy, WA State Fire Marshal

Jared Moravec, President of Washington State Association of Fire Marshals

This session includes the following General Session:

Utilizing Social Media in Prevention and Public Education - 1:30-4:30

Facebook now receives more visitors on a daily basis than Google, and has opened up unprecedented avenues for networking, and connecting with new audiences. Facebook is flexible, easy-to-use and has a wide array of applications and tools designed for nonprofits that make promoting your organization a whole lot easier. It allows you to connect with thousands of supporters at the click of a mouse.

Twitter is a great way to build a following for your organization. Keeping in regular contact with your supporters has been demonstrated to produce higher attendance at events, and better responses to fundraising appeals. Twitter enables you to post links, share information and create awareness about anything that your organization considers important.

If your organization is looking to exploit the vast and untapped potential offered by media such as Facebook, Twitter, YouTube, blogging and Text Messaging, this one-day conference is not be missed.

***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®, the Firewise Communities Program, and Fire Prevention Week. Prior to her work at NFPA, Lauren worked as an account manager at Gray & Rice Public Relations, Inc., and most recently 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.*

***Mike Hazell** is Web Publisher for NFPA. In this role, Mike establishes and directs strategic goals for content on NFPA's Web properties. He supervises the collection, creation and maintenance of dynamic content on NFPA's websites, and helps develop cross-functional teams to implement creative content and design concepts to the Association's strategic goals. An active NFPA blogger, Mike has been with NFPA for more than 20 years, long before the term "social media" was invited.*

Tuesday – October 4th, 2011

13D Sprinkler Plan Review for AHJ's, Bob Trieber – 8:30am-4:30pm

This one-day session analyzes the basic requirements used in the installation, plan review and accepting testing of sprinkler systems in one & two family dwellings & manufactured housing. The program addresses the basic responsibilities of the designer, installer, authority having jurisdiction (AHJ) & owner for the proper installation of these systems. The program provides an overview of the criteria behind developing a life safety type sprinkler system that is specifically designed to address the problems associated with residential fire deaths in the U.S. **STUDENT IS ASKED TO BRING A COPY OF NFPA 13D (2007 OR LATER)**

This is a basic level seminar. Assists the participants in gaining a clear understanding of how the proven principles of sprinkler systems are applied to developing life safety systems specifically focused on dwellings. This seminar will familiarize the attendees with a clear understanding of the basic principles involved in designing/installing sprinkler systems for dwellings in accordance with NFPA 13D.

***Bob Trieber:** Mr. Trieber joined the staff of the National Fire Sprinkler Association in August of 2000. In April 2005 he was appointed as the Director of Training & Education for NFSA. He has a B.S. in Fire Safety Engineering from the University of Cincinnati. Mr. Trieber was with the Kettering (Ohio) Fire Department for over 26 years where he served as the Fire Marshal from 1980 to January of 2000. Mr. Trieber served as an adjunct instructor for the United States Air Force Institute of Technology, School of Civil Engineering from 1976 to 1981. He also served from 1987 to 2007 as an adjunct professor for the University of Cincinnati, Fire Science Program and also served as an instructor for the Ohio Fire Academy for several years. Mr. Trieber worked with the National Fire Academy, Emmitsburg, Maryland in developing course material in the area of fire prevention management. Mr. Trieber lectured for the University of Wisconsin, School of Engineering, Housing Inspection Program for several years. He was a principal in the firm of Schlangen Trieber Associates which provided fire protection consulting and ITM services for water based fire protection systems from 1985 to 2000.*

His professional affiliations include the (OFCA) Ohio Fire Chiefs' Association, Past Chairman, Fire Code Committee. Mr. Trieber received the Ohio Fire Chiefs' Association, Distinguished Fire Service award in July of 2000. the (NFPA) National Fire Protection Association (From 1985- To Present) as a member of the International Fire Marshal's Association, Mr. Trieber presently serves on the Life Safety Code Assembly & Membrane Structures Committee and NFPA 5000 Building Code. He also served on the NFPA North Central Regional Fire Code Committee for several years, and the (OFOA) Ohio Fire Officials Association, where he served as its first President in 1998 & 1999.

Model Performance Measures - 8:30am-4:30pm

Jodie Hettrick, Alaska Division of Fire & Life Safety

The class is intended to provide an over view and examples of model measures for fire prevention programs, including plan review, code enforcement, fire investigation and public education. The instructor will cover the logic model, the relationship between planning and evaluation, and formative, process, impact and outcome measurement examples for each prevention discipline

Jodie Hettrick is the Fire Training Administrator for the Alaska Division of Fire and Life Safety. She supervises the Training and Education Bureau which is responsible for educating the public about fire safety, as well as delivering fire training to the Alaska fire service. Ms. Hettrick has served as a Training Officer, Fire and Life Safety Educator, Firefighter and EMT in urban and rural areas of Alaska. Ms. Hettrick instructs at the National Fire Academy.

Wednesday – October 5th, 2011

Fire Department C.A.R.E.S.

Mitch Snyder, Tami Kapule and Randy Droppert, Kent Fire Department - 8:30am-10:00am

FDCARES - Fire Department Community, Assistance, Referral & Education Services. This program is an innovative approach to injury and illness prevention. If you would like to offer your community additional services, while providing both your residents and your organization cost savings, FDCARES is your answer.

The FDCARES program is an evolving and growing community assistance program that is based in the arena of solving issues for people before an emergency takes place. The program has been developed to interact directly with members of the community in an effort to prevent injury and illness. This direct interaction will also aid in preventing the need for future emergency services for these individuals as well. Emergency service prevention has a ripple effect. It will assist in preventing ambulance transportations, emergency room visits, and associated costs to both the individuals as well as insurance providers. This prevention can also keep emergency service providers available for more acute type incidents as well as keep hospital emergency rooms from being overcrowded and alleviate the need for patient diversions.

This presentation will follow a power point description of the how the FDCARES program was developed, how it is funded, and how any fire department organization can start the same program within their community. Included is a 26 minute video that will present a complete overview of how well the program connects the residents of a community to the assistance of the fire department and other social services in an effort to prevent injury and illness and the need for the emergency 911 system. Many of the additional benefits, including the cost savings to your residents, your organization, and various businesses within your community will be discussed.

Mitch Snyder has been with the Kent Fire Department since 1985. Prior to this, he was a firefighter with the city of Richland for a 1 ½ years. His education is based in various areas of the emergency services field. He was promoted to Lieutenant on February 16, 1990, and then to Captain seven years later. He became a Battalion Chief 15 years to the day of his promotion to Lieutenant. He is currently serving as the department's Emergency Medical Services Officer and is working on the development of the FDCARES program. FDCARES is an injury and illness prevention program designed for all fire departments interested in assisting residents in their communities before they have an emergency.

Tami Kapule has worked for the Kent Fire Department for 10 years. She has a background in Occupational Therapy – having worked in hospitals, sub-acute rehab settings and skilled nursing facilities. She has a good working knowledge of what resources are available, and how to communicate needs to other health care professionals. Through early identification and connection to resources, it is her greatest hope that we can help prevent many of the catastrophic injuries that she used to treat in the rehab industry.

Randy Droppert has been a firefighter for just over 20 years. Half of those years have been spent in a traditional suppression role. The remainder has been spent supporting the Kent Fire Department's records management systems and other technological endeavors. Duties include managing FireRMS and all data reporting as required for a broad spectrum of needs, from day to day operations to accreditation.

Commissioning and Acceptance Testing of Sprinkler Systems for AHJ's

Bob Treiber - 8:30am-12:00pm

This half-day seminar provides attendees with vital information on how to conduct the commissioning of new sprinkler systems. The student will learn how to systematically conduct the commissioning of a sprinkler system for compliance with NFPA 13. The student will also learn the importance of conducting a systematic acceptance test by using check sheets to insure that a quality installation is provided for. The required documentation of the U certificate and A certificates will be discussed. The commissioning process and required testing process will be covered. Students will be given examples various commissioning forms that are used by local code agencies.

The seminar is designed for intermediate level students or for those attendees that have completed the NFPA 13 Overview seminar prior to attending this seminar or for those who have a good comprehension of NFPA 13. Each attendee will receive copies of multiple copies of check sheets that are used for conducting commissioning of sprinkler systems.

Structural Stability of Engineered Lumber in Fire Conditions

Bob James, UL - 10:15am - 2:45pm

Underwriters Laboratories will provide a presentation on a new program involving the results of a research project on “Structural Stability of Engineered Lumber in Fire Conditions.” The scope of this program and other research has compared the fire performance of “legacy to modern” residential design, use, and construction materials. This may spark a review of current fire services approaches to a home fire. This seminar will provide a sample of the residential research projects that have been developed by UL and their partners. Additionally, directions on how to access the online presentations that have been produced, allows anyone to review the free research programs.

Robert J. James is a Program Manager with the Regulatory Services Department of Underwriters Laboratories Inc. (UL), working from Tampa, FL. His responsibilities include managing and providing guidance for the UL regulatory fire plan in North America, fire protection related technical support to the regulatory community, providing educational seminars, developing internet based training programs, service on the model fire code committees and serving as a liaison between the UL fire service research staff and the regulatory community.

Prior to this assignment, Bob was the Fire Marshal for the City of Bloomington MN. Mr. James provided the supervisory activities for the fire prevention department at the city, including plan review, inspection, investigations, and public education relating to fire protection. His experience includes actively engaged in fire protection enforcement community for 30 years both in the private sector and as a previously member of the MN State Fire Marshal Division.

“Pre-Fire Mitigation and Regulatory Strategies” for “Structures in the WUI and How NFPA Standards & Firewise Work Together”, Gary Marshall, NFPA - 1:00pm-4:30pm

This half day NFPA presentation will broaden the use of your fire prevention toolbox by demonstrating how you can use your NFPA 1141 “Standard for Fire Protection Infrastructure for Land Development in Suburban and Rural Areas” and 1144 “Standard for Reducing Structure Ignition Hazards from Wildland Fire”

Both standards can be used to complement your Firewise Community USA Program to design and maintain your local subdivisions that are at risk to wildfire to a minimum safety standard and by using your social skills to change Planners, Developers and Homeowners attitudes about wildfire safety by demonstrating social, economic and safety benefits to your local communities. Class attendee’s will

receive NFPA Standards 1141 and 1144 in addition to a complimentary publication of “Safer from the Start” with DVD!

Gary Marshall started his firefighter and EMS training during the summer of 1977. In 1984 he began his fulltime fire service career with Jefferson County Fire District promoting up to Fire Marshal and Assistant Fire Chief. In 1995 Gary accepted the Fire Marshal position for the City of Bend and promoted to his current post of Deputy Fire Chief managing the Fire Prevention Division.

Gary is very active in statewide fire prevention committees and organizations. Positions he held during his career was President of the Central Oregon Firefighters Association and the Oregon Fire Marshals Association; Chair of the Central Oregon Fire Prevention Cooperative and Executive Board Chair of Keep Oregon Green which is Oregon’s first wildfire prevention organization established in 1940. Gary was honored with two, three-year term appointments by Governor’s Kitzhaber and Kulongski to serve on the Governors Fire Service Policy Council and was Chair of the Council during his last term.

Gary is also involved with special wildfire programs, such as: FireFree, Oregon Senate Bill 360 & Project Wildfire. Currently Gary co-instructs the “Home Ignition Zone” class for NFPA’s Wildfire Division and is the Northwest Firewise Advisor for nine states.

The Scottsdale Experience

Arizona Fire Marshal Jim Ford - 3:00pm - 4:30pm

This presentation will look specifically at one community’s history and use of technology to address the current and future fire problem. It will outline the steps used to research, adopt, implement and now evaluate the history and benefits the City of Scottsdale received by requiring automatic sprinkler protection in all new structures.

The presentation will also briefly review the past recommendations to the nation’s fire service from the “America Burning” documents. The original report was commissioned in 1975 by the National Commission of Fire Prevention and Control and has been updated periodically by the U.S. Fire Administration and the National Fire Protection Association. The recommendations identified the need for better fire prevention and better protection of the built environments. The City of Scottsdale has aggressively implemented several measures that align with many of these recommendations and as a result, this community has been recognized as a world leader in the development of built-in, proactive fire protection measures.

Updated presentations on the history, experiences, data, and continued progress have been conducted at the U.L Symposium on Residential Fire Protection and in Sweden, Scotland, England, Aruba, Canada and throughout the U.S.

For over 35 years (full-time August 1, 1975), Jim has helped to provide fire protection and emergency services to the residents of the City of Scottsdale. As a current member of the Fire Department’s Management Team, he is currently responsible for all the Fire and Life safety activities, including code development, plans analysis, new and existing building occupancy compliance inspections, public education and information programs, along with the arson/fire investigation activities for the City of Scottsdale.

Jim has held the position of the Scottsdale Fire Marshal since 1989 and is a certified fire protection officer with the National Fire Protection Association (NFPA) and the International Conference of Building Officials (ICBO).

Jim authored the report “Automatic Sprinklers – A Ten Year Study” on the history and effects of the first ten years of the Scottsdale automatic fire sprinkler code. This report has been updated and has achieved international interest as a way to improve the proactive levels of fire protection in communities. As a result of this report and his experiences in Scottsdale, he has been asked to give several presentations about the benefits of built-in community fire protection to numerous Fire Service and Political organizations in the United Kingdom, Canada, Netherlands, Sweden, Aruba, Prague, Singapore and throughout the U.S.

Jim was recognized by the American Fire Sprinkler Association as the national “Sprinkler Advocate of the Year” for 2002. In September of 2009, Jim was inducted into the Arizona Fire Service Hall of Fame and was also recognized as the City of Scottsdale Fire Department’s, Fire Officer of the Year.

Thursday – October 6th, 2011

Making Pieces Fit 8:00am-12:00pm, Jack Snook

Jack Snook, Emergency Services Consulting International – Wilsonville, OR

As public funds diminish and competition and demands for existing local tax dollars increase many emergency services organizations are looking at alternatives. One consideration is to eliminate services and programs like fire prevention and the local fire marshal’s office. In many cases, a viable option is to engage in cooperative service with neighboring jurisdictions. In doing so agencies ultimately want to answer the “million dollar question” ... What’s in the best interest of the people we serve?

There are proven ways of determining if some form of alliance is a “best solution” for a community and organization. The first step is to provide information and education to decision makers. This can be accomplished through the participation in a nationally renowned workshop. This dynamic and informative presentation will assist individuals and agencies in answering such questions as: why cooperative service? What are the options? What are the short and long term benefits? What are the risks? Where would cost avoidances most likely occur? Are the savings significant? and many others. In addition, you will learn the steps necessary to manage a successful four phase process, review actual case studies, discuss critical issues, discuss potential difficulties and learn what others would consider “keys to success.”

Jack W. Snook, Co-Author of the book entitled “Making the Pieces Fit” has been making presentations on the subject for over nineteen years. He and ESCI staff will share both their first hand knowledge of managing consolidated organizations as well as their experience in conducting over 50 regional consolidation feasibility studies throughout North America.