

PRE-CONFERENCE PROGRAMS

WEDNESDAY, JANUARY 31, 2018

8:00 am - 5:00 pm, Wednesday, January 31, 2018

Chief 101
Harrisburg

Workshop Description: This class will satisfy the 9S inspection criteria as specified by the North Carolina Administrative Code. The primary objective of the course is to inform current and future chief officers of the various aspects and complexities surrounding the operations and organization of North Carolina fire departments. Emphasis will be placed on ratings and inspections, NFRIS reporting, prevention and grant programs, basic line-of-duty death information, financial considerations, and an overview of the various expectations facing a chief officer.

This session presented by: NC OSFM Staff

9:00 am - 4:00 pm, Wednesday, January 31, 2018

Inspector Upgrade
Kannapolis A

Workshop Description:

Flammable & Combustible Liquids - Service Stations (3 hours)

Discuss the permitting requirements for the installation of flammable/combustible liquid tanks at service stations. Familiarize students with the general tank installation requirements listed in Chapters 22 and 34 of the North Carolina Fire Code.

Familiarize students with the five methods for storing flammable/combustible liquids at service stations. Discuss code requirements for fuel dispensing operations, to include, control of ignition sources, location of dispensers, emergency controls, proper signage, and fire protection.

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WEDNESDAY, JANUARY 31ST Continued ...

NFPA 25 – Inspection, Testing and Maintenance of Water-based Fire Protection Systems (3 hours)

Students will discuss the General Requirements of Sprinkler testing and Maintenance, the Inspection frequency of systems and appurtenances, Fire pump maintenance and inspection, Obstruction Investigation requirements, and Impairments.

This session presented by: Phillip Davis, Retired Fire Marshal, Rocky Mount Fire Department

2:00 pm - 4:00 pm, Wednesday, January 31, 2018

Are You Prepared for the Emergency Service Organization Challenges for the Next 10 Years?

Fairway A

Workshop Description: Every ten years, since 1966 a small group of fire service leaders gather to discuss the future of the fire service. Significant advances were made from the results of these events, known as Wingspread I-V. Now there are new and different challenges mounting for all of those involved in making America fire-safe. The Wingspread I Conference held in 1966 was the catalyst for bringing the best and brightest in our country to common understandings and to develop a unified problem-solving approach that was documented and distributed. In the last six decades and in particular since 9/11; this Nation's fire community has been tasked with a vast array of new additional responsibilities to help to manage the security of our Homeland. At the same time, additional challenges have warranted and can be achieved partially via Wingspread VI Conference. Held at the complex known as "Wingspread", the meeting place has served national and international gatherings to discuss strategic work on social, economic, and equality issues. This session, using the 14 Significant Statements of Wingspread, will discuss the challenges faced by emergency service organizations over the next 10 Years.

This session presented by: Dr. William F. Jenaway, CFO, CTO, CFPS, FIFireE, CSP, Executive Vice President VFIS

WEDNESDAY, JANUARY 31ST Continued...

2:00 pm - 4:00 pm, Wednesday, January 31, 2018

Code T.O.M.: Firefighters Taking on Melanoma and Other Cancers

Kannapolis B

Workshop Description: Firefighters have higher rates of cancer than the general population due to their exposure to hazardous materials on the job. They are at a significantly increased risk for a wide variety of cancers, including melanoma, multiple myeloma, and prostate and oral cancers. Early detection is critical to increasing the chances of successful treatment. Code T.O.M. is a cancer prevention program created in honor of Tom Robinson, a dedicated husband, father and firefighter from Chesterfield Fire & Rescue who died from advanced melanoma in 2013. We created Code T.O.M. to continue his legacy and share his story to protect those who still serve. Our goal is to raise awareness about cancer risk factors, signs and symptoms and ultimately prevent late-stage cancer among firefighters through early detection.

This session presented by: Josh McClure

7:00 pm - 9:00 pm, Wednesday, January 31, 2018

**Managing Fire Department Financial Systems
Fairway A**

Workshop Description: Almost weekly we hear or read about an emergency service organization that has experienced a theft of fund, misappropriation of funds, or some similar “fidelity” related loss. These situations create not only a financial challenge for the organization, but present a negative image in the community. The financial management issues are typically we’ll managed with the implementation of specific systems providing checks and balances for managing funds. It is up to you to assure your organization has the appropriate best practices in place to manage fidelity issues in your organization.

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WEDNESDAY, JANUARY 31ST Continued...

The program will review best practices for budgeting, monitoring expenses, and checks and balances of financial programs in emergency service organizations. A copy of the VFIS booklet “Managing Emergency Service Organization Financial Systems” will be provided to each attendee.

This session presented by: Dr. William F. Jenaway, CFO, CTO, CFPS, FIFireE, CSP, Executive Vice President VFIS

7:00 pm - 9:00 pm, Wednesday, January 31, 2018

The New Fire Service Culture **Fairway B**

Workshop Description: Changing the safety culture of the fire service begins at the firehouse kitchen table. What is your attitude and your departments attitude as it relates to firefighter safety? This workshop focuses on how each individual is responsible to help change the organizational culture in regards to safety in order to reduce line of duty injuries and deaths.

This session presented by: Shane Lacount

7:00 pm - 9:30 pm, Wednesday, January 31, 2018

Party Rock Fire and Raleigh Downtown Fire Recap **Kannapolis B**

Workshop Description: This session will provide an overview of both of these large demanding emergencies. The sessions will discuss the incident management and operations related to both incidents. The session will also cover some of the lessons learned during and after the events. The session will be divided into two mini-sessions, the first on the “Party Rock Fire” and the second session on the “Downtown Raleigh Fire.”

This session presented by: Ryan Cole / Brad Harvey / A.C. Rich

THURSDAY, FEBRUARY 1, 2018

8:30 am - 11:55 am, Thursday, February 1, 2018

Opening Ceremonies / Keynote / Business Session Kannapolis A/B

Keynote Speaker: Fred Windisch

Description: We pass through our careers at the speed of life! Have you ever looked back to enact that perfect hindsight and identify what you did, why and how you did it? Sometimes we just do; we don't know why, we just do! Join Fred's life journey as he wonders, thinks and gives thanks for all of the great, and not so great, things that have happened to him. The learning curve is not a curve – it is a linear climb!



Bio: Fred Windisch EFO CFO is the fire chief of the Ponderosa Fire Department near Houston, Texas. He became a volunteer firefighter in his hometown of Staunton, Illinois in 1972, moved to Ponderosa in 1975 and “participated” in two careers; Shell Oil Company’s research division for 30 years (retired) and the Ponderosa FD. During his Shell career starting as a research mechanic, he progressed through Materials, Science & Engineering with metals and polymers; the last 13 years he was in the Health, Safety

& Environment department where he also served as the fire chief of the facility.

He was Fire Chief Magazine’s 2000 Volunteer Fire Chief of the Year, co-authored the book, A Leadership Guide for Combination Fire Departments, on the board of the directors of the International Association of Fire Chiefs Volunteer & Combination Officers Section since its inception in 1994, and a host of other challenges and rewards! He and his wife Theresa have been married 48 years and their son Scott is a Battalion Chief with The Woodlands Fire Department and Deputy Chief with Ponderosa FD. Grandson Cody is headed to major league baseball!

THURSDAY, FEBRUARY 1ST Continued...

2:00 pm - 4:30 pm, Thursday, February 1, 2018

ISO Update Kannapolis A

Workshop Description: This workshop will cover the areas where your department can get the most out of the points on the rating schedule program. There will also be an opportunity for each department to sit down with the inspectors from their regions for a one-on-one question and answer session. Please come prepared with specific questions from your district for them to discuss with you. This will be a great opportunity to spend some time to get to know your inspector before you have your ISO inspection.

This session presented by: Chief Davie Summey, OSFM

2:00 pm - 4:30 pm, Thursday, February 1, 2018

Emergency Services Human Resource Issues Carolina C

Workshop Description: Each year there are more frequent and challenging human resource issues arising in the Emergency Services. Many times, emergency service leaders are not prepared to understand or deal with the issues, and have no Human Resource Department to “send the problem to”. This session will review the types of issues arising, how to prevent them from arising, what to do when they arise, and how to educate staff and leadership in the issue, prevention and response. These issues create stress on management, stress on the organization, and many times result in loss of staff and financial impact. People, the most valuable resource, must be managed effectively. This includes the processes of recruitment, retention, personnel management, discipline, hiring and firing (termination), interviewing, and benefit programs as well as response to sexual (and other types of) harassment. These will be reviewed in this session. Bring your questions with you.

This session presented by: Dr. William F. Jenaway, CFO, CTO, CFPS, FIFireE, CSP, Executive Vice President VFIS

THURSDAY, FEBRUARY 1ST Continued...

2:00 pm - 4:30 pm, Thursday, February 1, 2018

Session 1: Money, Money, Money—Grant Writing Solutions Harrisburg A

Workshop Description: Are you a department that has applied for grants with little success? Management at the station assigned you to find money for the shiny toys the guys down the street always seem to have? No budget to buy necessary gear? No idea how to even search for a grant?

Come away from the class with a more in-depth knowledge of the following:

- What the big funders are looking for in your application
- What exactly should you be asking for in your application (Apparatus, right?)
- Where can I find the grants to apply that are best for my department
- General Question / Answer Session

This session presented by: Alana Denton / McKenzie Beamer, OSFM

Session 2: Real World Rules—Social Media Issues and the Press Harrisburg A

Workshop Description: How to build a social media program start to finish; Why should you want to do so; Who should be in charge; Who will read / follow your agency's pages:

- A glimpse at what success should look like
- Dealing with your staff / volunteers in today's age of "insta-media-madness"
- What is LinkedIn and what good does it do for myself, officers or department
- Should my agency even be on social media at all (Facebook/Twitter/Snapchat, etc.)
- How to utilize social media for the recruitment and retention problems

This session presented by: Alana Denton, OSFM

THURSDAY, FEBRUARY 1ST Continued ...

2:00 pm - 5:00 pm, Thursday, February 1, 2018

Fit for Duty, Fit for Life **Harrisburg B**

Workshop Description: Cardiac events are the number one cause of line-of-duty deaths in the fire service, but no responder expects to be personally affected – particularly those who work at taking care of themselves. The reality is that without appropriate medical screening, it is impossible to accurately assess and address cardiac risks. A firefighter-specific assessment saved Chief Kevin D. Quinn’s life; he will share his story and key lessons learned. Charles F. Turner will discuss how to implement a screening program in your department, including knowing what an assessment.

This session presented by: Chief Kevin D. Quinn, NVFC Chairman; Charles F. Turner, President, North Greenville Fitness and Cardiac Rehabilitation Clinic

FRIDAY, FEBRUARY 2, 2018

9:00 am - 11:00 am, Friday, February 2, 2018

What to Expect When Deploying - IMAS **Kannapolis A**

Workshop Description: This session will cover considerations every department should have prior to and during a deployment, as well as highlighting lessons learned from the Party Rock Fire and Hurricane Matthew. The session will also highlight current changes to the IMAS plan as well as the future of the program which will facilitate input from the audience about the IMAS plan and deployment to better develop the future plan.

This session presented by: Ryan Cole / Eric Wiseman / Derick Clouston



FRIDAY, FEBRUARY 2ND Continued...

9:00 am - 11:00 am, Friday, February 2, 2018

Legislative Update - State and Federal Kannapolis B

Workshop Description: Due to the time demands during our opening session, the legislative issues at the state and federal level are not thoroughly covered. This session will provide greater detailed information concerning the legislative issues that affect the North Carolina fire service at the state and national level. The moderators presenting all serve on the joint NCSFA/NCAFC Legislative Committee.

This session presented by:

Tim Bradley, NCSFA Executive Director

Jake Whisnant, NCAFC Executive Director

Deputy Chief Barry Overman, Elizabeth City Fire Department

Assistant Chief Kevin Gordon, Charlotte Fire Department / Waco Fire Department



FRIDAY, FEBRUARY 2ND Continued...

2:00 pm - 5:00 pm, Friday, February 2, 2018

LGFCU Commercial Lending Line of Duty Death Roundtable Lessons Learned Carolina ABC

Workshop Description: A line-of-duty death forever changes the fire department, agency and the community. So where does a chief turn for support after this tragedy? The company officers are all actively engaged in the extensive process of support and recovery – but who cares for them? The National Fallen Firefighters Chief-to-Chief Network grew out of a need expressed by chiefs who had lost a firefighter in the line of duty. They said that they felt very isolated after the death of a firefighter, that they had no one to turn to for advice and support. This has been a very difficult year for the fire service in North Carolina and many of our departments have been impacted by such a tragedy. Like everything else in the work we do, planning and preparation are key to successful implementation of any response plan.

The NC Fallen Firefighters Foundation, in collaboration with the NCSFA and the NCAFC seeks to provide a support mechanism to Fire Service leadership in the area of LODD. This roundtable conversation will feature senior fire leadership that has weathered the storm of this kind of tragedy. Group needs will drive the specific conversation for this workshop. Anticipated topics to be covered include: What constitutes a Line-of-Duty Death? What resources are available and how are they accessed? How are benefits determined and provided? Proper record-keeping as an essential tool for effective support. Support and Memorial service protocols and resources. Providing CISM / CISD systems and services. Long term follow-up, care and support. Self-care and self-awareness for senior officers.

This session presented by: Dana McKim, NCFFF Chaplain; Chief Rick Wood, NCFFF President / Skyland Fire Department

FRIDAY, FEBRUARY 2ND Continued

2:00 pm - 5:00 pm, Friday, February 2, 2018

**Accreditation 101 for Volunteer / Combination / Career
Departments
Kannapolis A**

Workshop Description: Fire & Emergency Services Accreditation as awarded by the Commission on Fire Accreditation international (CFAI) offers the very best model for modern fire department organization and management, as well as the very best benchmark and validation process for any fire service organization and the community they serve today. But there are many valid questions that an agency should ask and consider before making the commitment to pursue accreditation. These questions include:

- What is the process and cost of pursuing accreditation;
- What benefit will the process of self-assessment for accreditation gain an organization (the most important aspect);
- What resources are available in NC to help; and,
- How do I to build an accreditation team if we decide to pursue accreditation?

This workshop will answer these questions in a fast, fun and interactive manner.

Presented by: Paul Brooks

FRIDAY, FEBRUARY 2ND Continued ...

2:30 pm - 5:00 pm, Friday, February 2, 2018

Cancer In The Fire Service: What We All Have To Understand / The Concord Decontamination Model
Fairway AB

Workshop Description: This course is divided into 2 segments that address the realities of cancer in the fire service and what steps can be taken to both protect ourselves and start to change the culture that is potentially killing us. The second segment looks at the Concord Decontamination Model and how it can be easily implemented in any department to significantly reduce exposure while not interfering with operations.

This session presented by: Josh Simpson, Battalion Chief, Concord Fire Department / Board Member, NC Firefighter Cancer Alliance; Travis McGaha, Assistant Fire Marshal Concord Fire Department / Board Member, NC Firefighter Cancer Alliance

2:30 pm - 5:00 pm, Friday, February 2, 2018

Peer Support Crucial for NC Fire Service
Harrisburg B

Workshop Description: This workshop is designed to introduce department leaders with the components of an effective peer support team. A peer support program helps members to gain hands-on experience so they can better serve as a bridge between department members and mental health resources available. At the end of this workshop, attendees will understand the need for peer support, the components of an effective team, and the resources available to build their team.

This session presented by: Chief Chris Langham, NCAFC Board / Kernersville Fire Department

SCHEDULE AT GLANCE

SATURDAY, FEBRUARY 3, 2018

8:30 am - 12:00 pm, Saturday, February 3, 2018

Part A: Everything You Need to Know About NFPA Standard # 1851

Part B: “The Evolution of PPE and other Innovations including Barrier Hood Technology”

Carolina C

Workshop Description: Battalion Chief Bob Keys worked 31 years in the FDNY. His final assignment was Chief in Charge of The Research and Development Unit. With dramatic videos and pictures Chief Keys describes the changes in Personal Protective Equipment and how it saved the life of two Brooklyn firefighters caught in a horrendous flashover. His presentation includes explanations of the FDNY Electronic Fire-ground Accountability System (EFAS) used to identify and track Mayday transmissions and quickly conduct PAR. EFAS saves valuable minutes when trying to account for firefighters after a collapse or withdrawal from a dangerous situation. The Personal Safety System (PSS or Bailout Bag) development is also discussed along with many other innovations that help make firefighting a little bit safer.

Other inventions talked about include the Hi-Rise Nozzle that is used to safely combat wind driven fires in very tall buildings. The Drag Rescue Device that allows firefighters to rescue one another with a strap built into their coats is also explained. Additionally, this presentation will include an in depth look into advancements in Particulate Barrier Hood Technology that is integral in reducing exposure to carcinogens.

This session presented by: Battalion Chief Bob Key Retired FDNY & Allen Rom

9:00 am - 12:00 pm, Saturday, February 3, 2018

Blue Card IC Training and Certification Program Overview

Carolina AB

Workshop Description: Structural firefighting is dynamic, fast moving, Continued on Page 14...

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SATURDAY, FEBRUARY 3RD Continued ...

highly hazardous and it requires the integration of lots of people, equipment, and apparatus operating within various systems and procedures. Safe and effective hazard zone operations do not happen by accident, they are the product of experience, education/curriculum, hands-on training, a sensible evaluation program, and a continuing education component to maintain a skill set for low frequency, high risk events. The Blue Card command training and certification program (Type 4 & 5 local events) not only institutionalizes and standardizes command training; it also captures firefighting experience in a way where it can be passed from one generation of firefighters to the next. This class will overview the Blue Card IC Hazard Zone Standard and the IC certification and recertification process that has been helping FD's across the world to safely manage their operations division and hazard zone operations.

This session presented by: John Brunacini

9:30 am - 12:00 pm, Saturday, February 3, 2018

Fire Service Training and Education Roundtable Kannapolis

Workshop Description: This session will take a look at fire training, certification and education in North Carolina. The session will be moderated North Carolina State Firefighters Association Executive Director Tim Bradley. On the panel will be fire service leaders representing the different aspects of training, certification and education that affects the North Carolina fire service.

This session presented by: Tim Bradley, NCSFA Executive Director

1:30 pm - 3:00 pm, Saturday, February 3, 2018

The Impact of Honeybees and How it Relates to Us Harrisburg A/B

Workshop Description: From pollination to honey production the honeybee plays an important role in our lives and the nation's economy. Currently there is a struggle to maintain colony numbers with an average 40% loss nationally each year. Learn how the colony works and what you can do to improve their chances of survival. You might be surprised to find out how much the honeybee and the Fire Service have in common.

This session presented by: Chief Todd and Sonya Eury, June Bug Bees

SCHEDULE AT GLANCE

SATURDAY, FEBRUARY 3RD

1:30 pm - 4:30 pm, Saturday, February 3, 2018

New Training Officers: Where to Get Started Carolina C

Workshop Description: This class is designed for new and existing training officers. We hope to dispel rumors and give the new training officer the right tools to develop a successful training program that will better help the community. The class will cover the following topics:

- Importance of the training officer
- Community college systems
- Office of State Fire Marshal (OSFM)
- How to request a class from the community college
- Training versus certification
- The meaning of 1403
- Liability
- Quality instruction
- Authority having jurisdiction
- Specialty training

This session presented by: Norman Staines, Director of Public Safety at Caldwell Community College and Technical Institute; Michael Caviness, Certification Specialist for the Office of State Fire Marshal.



PROGRAMS

SATURDAY, FEBRUARY 3RD Continued ...

1:30 pm - 4:30 pm, Saturday, February 3, 2018

Managing Mayday Program Overview Carolina AB

Workshop Description: This class will examine the Mayday management approach that came out of the recovery process that occurred after the Southwest Supermarket Fire (Phx, AZ) where Bret Tarver lost his life. The class will examine all of the data that came out of the thousands of Company level drills, Battalion training sessions, Department wide training, Command training, and the regional multi-unit Mayday drills that were performed during the 5 year period that followed the fire. All of the changes that were made to some our traditional Command, Safety Officer and RIC systems will be highlighted and discussed in this session.

This session presented by: John Brunacini