

2021 FPI COURSE DESCRIPTIONS AND HANDOUTS

WSRB RATINGS **Course length:** (90 minutes)

Course Outline: This presentation will provide participants an overview of WSRB, the services that WSRB provides and detail how Protection Class ratings are produced and used. The four major components of a Protection Class rating, water supply, fire department, emergency communications and fire prevention will be reviewed.

Objectives - At the end of the course, the participants will have:

- Learn who WSRB is and what services WSRB provides.
- Learn how a Protection Class rating is developed.
- Learn how fire prevention activities factor into ratings.
- Learn how they can improve their community's rating.

FERRELL, ROBERT

Robert Ferrell, Vice President Public Protection, is a 25-year employee of Washington Surveying and Rating Bureau (WSRB). Major responsibilities include overseeing the community protection class evaluations, building code effectiveness evaluations and fire protection system technologies. Mr. Ferrell is a licensed Professional Fire Protection Engineer with Washington State. Mr. Ferrell also serves on the National Fire Protection Association (NFPA) Technical Committee on Wildland and Rural Fire Protection, is a member of the Washington Fire Chiefs (WFC) and currently serves on the board of directors for the Washington State Association of Fire Marshals (WSAFM).

BE SAFE TOOL- **Course length:** (90 minutes)

Course Outline: A FEMA Grant Funded project produced by Cal State North Ridge and the Alisa Ann Ruch Burn Foundation. This tool is a procedure that can be applied to any fire safety training/public education program. Having an evidence-based tool such as BeSafe provides the educator with the ability to not only evaluate and improve training/education, but a metric that can be used in providing data on outcomes for your Community Risk Reduction program. BeSafe is the first of its kind that evaluates Behavioral change. Currently, departments and organizations are using statistics or possibly even knowledge based evaluations to validate and collect outcomes. However, just because there is knowledge does not mean behavior will follow.

Objectives - At the end of the course, the participants will have:

- Learn what we have found through a survey in public education and prevention.
- Learn what Behavior Change is.
- Learn how Behavior Change can be used in their own departments

CHACON, DANIEL

Daniel's roots in the fire service began young, as a son of a Fire Chief. He completed his Fire Academy, EMT and lifeguard certificate during school. He worked as an emergency dispatcher, High-school Teacher and a firefighter. After graduating from college, he left the fire service and joined the AARBF. Daniel is the past Co-Chair for the NorCal Fire Prevention Officers Pub-Ed Committee. He is a Community Risk Educator, Youth Firesetter Intervention Specialist, and has presented at Conference of the Rockies, American Burn Association, Safekids Worldwide and other conferences around the US.

DEMONSTRATING THE POWER OF PREVENTION/EDUCATION PROGRAMS - **Course length:** (90 minutes)

Course Outline: This presentation will allow participants to understand the critical elements involved in demonstrating the importance of prevention efforts to decision makers and funders of prevention/education programs.

Objectives: At the end of the course, the attendees will be able to:

- Describe the steps involved in demonstrating the need for prevention/education programs.
- Describe the steps involved in demonstrating the results of prevention/education programs
- Describe the importance of establishing partnerships to support their local prevention/education programs.

EVALUATION MEASURES FOR PREVENTION/EDUCATION PROGRAMS - Course length: (90 minutes)

Course Outline: This presentation will allow participants to understand the importance of evaluating prevention/education programs, and how that helps to demonstrate their value to decision makers and funders.

Objectives: At the end of the course, the attendees will be able to:

- Understand institutional changes, educational gain, risk reduction, and loss reduction measures for public education.
- Understand how these measures fit with the larger evaluation process for all prevention programs, which include formative process, impact and outcome measurements.

CRAWFORD, JIM

Jim Crawford is retired, with 45-years of fire service. He has served as the past Project Manager for Vision 20/20 (www.strategicfire.org) Jim served as Fire Marshal in the cities of Portland, OR. and Vancouver, WA. He is the Past President of the International Fire Marshal's Association. Organizing Past Chair of NFPA 1037, professional qualifications for Fire Marshalls; Author of Fire Prevention Organization and Management.

SMOKE ALARMS – NEW UL TEST STANDARD FOR SAFETY AND PERFORMANCE - Course length - (90 minutes)

Course Outline: This presentation provides an overview of latest safety and performance requirements for new “smart” smoke alarms that are required to comply with new UL 217 requirements. Participants will be provided with public education resources and background information to help them inform their communities about these new technologies in a concise and consistent manner to promote home fire safety.

Objectives: Participants will gain an understanding of:

- The history of smoke alarm technologies
- How smoke alarms complying with the new UL standard will be available in the market place in 2020, and how these smoke alarms will enhance safety in residential occupancies.
- How UL 217 was updated to reflect shifts in fire/smoke characteristics due to changes in home design, building techniques and furnishings
- How the Standard is designed to reduce nuisance alarms that often lead to unintentional disabling of smoke alarms.

DeCRANE, SEAN

Sean DeCrane retired as a 25+ year veteran of the Cleveland Division of Fire. He served in various roles including the Director of Training and Chief of Operations, retiring as a Battalion Chief. Sean is currently the Manager of Industry Relations for the Underwriters Laboratories Building Life Safety, Security and Technologies Division. He is responsible for engaging with various industry organizations with a focus on the international fire service including Asia, Australia, Europe and the United Kingdom. Sean has been involved in the research at Underwriters Laboratories and the National Institute of Standards and Technology. He served on the UL Fire Council and is a member of the UL Fire Fighter Safety Research Institute's Advisory Board. In 2021, Sean was named to the UL William Henry Merrill Society as a Distinguished Member of Technical Staff. Chief DeCrane also represented the International Association of Fire Fighters in the International Code Council process and has served on the 2009, 2012, 2105 and 2018 Fire Code Developing Committee and as Chair for 2015 and 2018. Sean served on the NFPA 1 Technical

Advisory Panel, NFPA Research Foundation on Tall Wood Buildings and is serving as the Chair of the Fire Test Work Group for the ICC Tall Wood Building Ad Hoc Committee.

Building a Foundation for Your Fire Code Inspection - Course length: (90 minutes)

Course Outline: This class will cover in-depth details of all aspects of a fire code inspection. It will include a simulated inspection that allows the class participants to engage in scenarios they are likely to see in the field. This session will also focus on more advanced fire code inspection topics. It is designed to assist in the identification of fire protection systems, as well as what maintenance is required on such systems. Time permitting, hazardous material storage and how to navigate those sections of the International Fire Code will also be discussed

Objectives: At the end of the course, attendees will

- Learn to identify common code violations found in the International Fire Code and International Building Code
- Be able to identify when systems are required or when they have been altered and require repair

DOAN, TONY

Washington Code Academy, LLC is an ICC Preferred Provider. The instructor for this course is Tony Doan. Tony has six years of fire sprinkler design and fire code inspection experience, and currently works for the Yakima Fire Department. He holds a NICET Level II in Fire Sprinkler Design. He is also certified through the International Code Council as a Fire Code Inspector I and II, Commercial Building Inspector and Certified Building Official.

BUILDING PUBLIC PARTNERSHIPS AND RELATIONSHIPS FOR RISK REDUCTION - Course length: (180 minutes)

Course Outline:

This presentation will focus on the need for forming and maintaining mutually beneficial relationships and the power of partnerships internal and external to the fire service for community risk reduction. Relationships can be messy; however, through greater self-awareness, we can increase our situational awareness and emotional intelligence. Coupled with a strategic risk reduction plan, these skills can increase a fire and life safety educator's effectiveness in their community. Presentation will encourage participants to examine themselves through a personality assessment, share relationship examples, and reflect on their own interpersonal skills.

Objectives:

- Examine personal attributes impacting relationships and progress within the fire service and community.
- Recognize the need for a community risk assessment and sound data practices for the establishment and fostering of partnerships.
- Identify elements of mutually-beneficial relationships, crucial partnerships and opportunities to support community risk reduction activities

PUBLIC INFORMATION MESSAGING FOR RISK REDUCTION - Course length: (90 minutes)

Course Outline:

This presentation will focus on the power of a targeted public information-messaging plan for community risk reduction. Social media matters, and is a critical tool in any plan' however, it is only one element of direct communication necessary to reach all those needed within the community to foster partnerships and for new connections. Resources for public messaging and career development will be made available and

examples from presenters' own professional experience will be shared. Attendees are encouraged to bring tested public messaging examples, both positive, and those in need of improvement, to support discussion in tracking and improving results of public information messaging.

Objectives:

- Compile and deliver relevant fire and life safety educational messages to those within the highest risk groups of the community
- Recognize the need for constant viability and promotion of fire and life safety information for risk reduction.
- Identify crucial partnerships and opportunities for public information messaging and community risk reduction outreach.
- Examine examples of public information messaging for career development

FULBRIGHT, JOSH

Josh Fulbright, the Community Risk Reduction (CRR) Section Chief with SC State Fire, leads a team of seven, tasked with fire and life safety data analysis, curriculum coordination, and outreach. Chief Fulbright coordinates statewide CRR through the Fire Safe South Carolina program. He manages fire fatality research of the Community Loss Education and Response (CLEAR) Team. Annually, his team hosts quarterly Fire and Life Safety Educator Trainings, a Fire and CRR Summit, and supports local CRR practitioners. As Situation Unit Leader for the Palmetto Incident Support Team and as a State Duty Chief, he manages routine and emergency response coordination of personnel. For nationwide relationship building, he serves as Team Lead for Vision 20/20 Technical Advisors and South Carolina Representative to the NFPA. He also serves as a Board Director to the NFPA Education Section and as a National Fire Academy Contract Instructor. A native of NC, he served with the Cary Police Department, earning the rank of corporal and gaining valuable community-building experience. He has a B.A. in Criminology from NC State University and a M.J.A. from Methodist University.

NARRATIVE REPORT WRITING - Course length: (180 minutes)

Course Outline: This course teaches key principles of proper narrative report writing through guided discussion, group work, individual exercises, and lecture. Believe it or not, students actually enjoy this training! The following concepts are clarified and demonstrated: audience, purpose, approach, 6-step format, checklists, libel, quotations, labels, perspective, voice, tense, jargon, and more.

Objectives:

- Discuss the various audiences who read your narrative reports and explain how your report is used by each of these groups.
- Compare the two main approaches to narrative report writing.
- Use the 6-step report format to compose a narrative report.
- Rewrite subjective narrative language to objective language.
- Describe which kinds of lingo and jargon are acceptable in narrative reports.

GRANT, SETH

Seth Grant is a decorated full-time Deputy Sheriff with the King County Sheriff's Office and was recognized as the Washington State 2008 Instructor of the Year. He is a certified Field Training Officer, and served four years as a Policy Academy instructor. He holds a Bachelor's Degree in Business Management, and a Master's Degree Organizational Development from the University of Denver. Seth is currently cross-trained and certified as firefighter/EMT, and is currently assigned to the Aircraft Rescue Firefighting unit at the King County International Airport. Seth has provided training all around Washington, across the country, and even overseas. He is recognized as an expert in report writing, curriculum design, adult learning methods, and problem-based learning. His military service, law enforcement, fire service and professional teaching background combine to make him a wealth of useable knowledge. To top it off, he delivers lessons with excitement, humor and efficiency.

KNOW YOUR DATA Course length: (90 minutes)

Course Outline: This course will increase familiarization with the NFIRS data set, and provide greater understanding of the data elements that affect data quality. In addition to addressing validation and

reliability audits, training fire service personnel on how to document the incident will also be given, providing a greater understanding of the role of firefighters in documenting incidents.

Objectives - At the end of the course, the participants will have a greater understanding of:

- Data collection methods that will enhance the reliability of the reports they generate in support of CRR and Standards of Cover.
- The National Fire Incident Reporting System data set
- The difference between data validation and reliability
- The need to train fire service personnel in the NFIRS standard, and the importance the review/audit process.
- Students will also learn what training opportunities exist at the state and federal level and how to sign up for those courses.

THE CONNECTION BETWEEN CRR AND DATA AT THE STATE LEVEL - Course length: (90 minutes)

Course Outline: The focus of this course is to help participants increase familiarity with prevention and education programs offered/administered by the SFMO, and to identify data and resources that can increase movement towards conducting local or regional community risk assessments.

Objectives: At the end of the course, the attendees will be able to

- Understand the state's role in CRR
- List top three risks at the state level
- Identify relationship between state and local strategies that contribute to reducing community risk

GANNIE, MELISSA

Assistant State Fire Marshal Melisa Gannie has worked in the State Fire Marshal's Office for 24-years. She currently oversees the Prevention Division, which is responsible for fire and life safety inspections of state licensed and federally certified facilities, plan reviews of schools and other occupancies, fire service certifications, fire service All-Risk Mobilization, hazardous materials training. She also oversees the Basic Firefighter Reimbursement Program, licensing and certification for the fireworks, fire sprinkler, and fire safe cigarette industry, National Fire Incident Reporting System, public information, and Community Risk Reduction.

HERNANDEZ, ESTHER

Chief Deputy State Fire Marshal Esther Hernandez has been with the WSP for 18-years; the last 16-years have been in the State Fire Marshal's Office. She currently oversees the Education, Enforcement and Analytics Section, which includes the Sprinkler and Fireworks Licensing, Fire Safe Cigarette Certification, Public Information, Community Risk Reduction, and NFIRS programs. She also provides support to the Mobilization Program during fire season.

ENERGY STORAGE SYSTEMS – FIRE SAFETY CONCEPTS - Course length: (90 minutes)

Course Outline: Energy Storage Systems (ESS) are being installed in ever increasing numbers across the country, and create potential, significant hazards that to be mitigated, especially systems that use large quantities of lithium-ion batteries. This training will make it much easier to work with system integrators and users to approve safe, code compliant installations.

Objectives: At the end of the course, the attendees will an understanding of:

- The ESS technologies currently on the market
- The potential fire and explosion hazards associated with these ESS technologies
- The fire protection concepts (and specific provisions) in the 2015, 2018 and 2021 International Fire Codes that help mitigate these hazards
- Safety considerations for responding to incidents involving ESS

HOPPER, HOWARD

Howard Hopper, UL Global Regulatory Services Manager, is a fire protection engineer with over 30-years' experience at UL. He serves on the Board of the IAFC Fire and Life Safety Section and several ICC and NFPA Codes and Standards Development Committees. He has served as the chair of the Fire Code Action Committee, Energy Storage System Work Group, since its inception in 2015.

RISK REDUCTION IN PLACES OF WORSHIP - Course length: (90 minutes)

Course Outline: Places of religious worship are found in multiple occupancies of multiple ages. There may be a dozen occupants or thousands, and some are more vulnerable than others. A specific place of religious worship can have multiple uses and users. This course will use the Es of risk reduction to dissect and learn from emergencies in these occupancies so we can prepare for, prevent, and mitigate future incidents.

Objectives - At the end of the course, the participants will be able to:

- Explain how preparedness and operations can unite to reduce risk at places of worship
- Provide at least five risks inherent to occupants of places of worship
- Explain the importance of cultural competency in the field of risk reduction
- Identify at least five strategies representing different job functions for reducing risk in places of worship

JENSEN, EINAR

Risk Reduction Specialist Einar Jensen works for South Metro Fire Rescue in Centennial, CO. He was a firefighter for 15 years and has now been in the fire service for over 20 years. He studied history at the University of Montana and University of Puget Sound and recently published a pair of books: his nonfiction book *Ancient Fire, Modern Fire: Understanding and Living with Our Friend & Foe* and a novel called *Code Violations*. He belongs to the Fire Marshal's Association of Colorado, Pikes Peak Wildfire Prevention Partners, National Science Teachers Association and, most importantly, to his twin daughters.)

ELECTRIC FIRE PUMP SUPPLIES - Course length: (90 minutes)

Course Outline: This presentation will allow the participant to understand electric fire pump power supply design options, the inherent reliability of those options, and approval issues.

Objectives - At the end of the course, the participants will be able to:

- Understand the codes and standards applicable to electric fire pump power supplies,
- Understand the performance goals that are the bases for those standards
- Identify the various of electric fire pump power supply design options
- Comprehend the differing inherent reliabilities of those options
- Comprehend the applicability of stand-by power requirements and best practices
- Understand the need for early involvement of the AHJ in these designs

MARK MANNEX

Mark R. Mannex, PE, FPE is the President of Mannex Engineering (<https://mannex-eng.com>), a fire protection consulting company located in Sammamish WA. He is a registered professional engineer with separately tested Fire Protection and Mechanical endorsements. He has over 41 years of fire protection experience, including 25 years with FM Global with 17 years as the Chief Engineer of the Northwest United States. He has participated extensively on the FM Global engineering standards (Data Sheets) revision committees. He began his career with NASA designing fire protection systems for the Space Shuttle launch facilities, followed by 10 years of consulting work. Mark has worked throughout the US and has significant experience worldwide

COMMONLY MISUNDERSTOOD INSTALLATION PRACTICES - Course length: (90 minutes)

Course Outline: This presentation will provide a description of common field installation errors, discuss new codes that have been adopted, and recommend key items to look for during sprinkler inspections.

Objectives:

- Identify potentially common hanger spacing, seismic bracing and line piping restraint installation errors or shortcuts.
- New code changes that may be misunderstood or misinterpreted during the installation process.
- Discuss new code changes and how to interpret proper installation.

MILLER, STEVE

Steve Miller is the Training Director for UA Local 699's apprenticeship. Steve oversees 8 additional instructors and 150 apprentices.

CRISWELL, TERRY

Terry Criswell is the Foreman for Patriot Fire Protection. Terry is an instructor at UA Local 699's training center. Nicet 3 ITT, Washington ITT, Nicet 1 Design and Layout.

CAMPBELL, RICKY

Ricky Campbell is the Business Agent for UA Local 699 Sprinkler Fitters. Instructor at UA Local 699 Sprinkler Fitters. Past Service Foreman at McKinstry Fire Protection. Nicet 2 ITT.

SCOTT PETERSON

Scott Peterson is the Business Agent for UA Local 699 Sprinkler Fitters Union. Scott has 26 years in the industry with 7 years in the office, 19 years out in the field, with the last 10 years of field work with Patriot Fire Protection. Scott is Nicet 2 ITT certified, licensed journeyman fitter in Washington and active member of the Seattle Fire Code Advisory Board.

Basic Explosion Scene Investigations - Course length: (4.0 hrs.)

Course Outline: Review of basic explosion scene investigations. Topics include scene safety, scene documentation, witness statements and blast dynamics.

Objectives:

- Understand the Scientific Method and how it applies to the overall Fire Investigation Scene
- Define Hypothesis and why is this important for the Fire investigator to consider.
- Explain steps needed in a basic Fire Investigation.
- Explain the importance of "peer review"

Fire Dynamics – Course length: (4.0 hrs.)

Course Outline: This will take about the physics and chemistry of fire, compartment dynamics and how to use this information to help determine the origin of the fire.

Objectives:

- Define Fire Dynamics vs. Fire Patterns
- Explain how and why these are important to the Fire Investigator.
- Review sample patterns developed by Fire Dynamics and described them in a report.
- Understand fuel driven fires vs. ventilation driven fires and how they develop

Complex Scene Investigations – Course length: (8.0 hrs.)

Course Outline: This topic covers large fire scene investigations and how to manage this large potentially multi day incidents. Topics include safety, management of personnel, use of equipment as well as other issues that are presented with large fire scene.

Objectives:

- Explain what a "complex investigation is" and how it differs from the "basic" fire investigation.
- Identify resources that may be needed in a complex fire investigation. How are these paid for?
- Define how the incident command system operates during complex fire investigations.
- Identify roles and responsibilities of a complex fire investigation.

Interview and Interrogation – Course length: (4.0 hrs.)

Course Outline: This will cover witness interviews, how to conduct the interview and things you might have forgotten about interviews over the years.

Objectives:

- Define Interview vs. Interrogation
- Be able to explain when Miranda Rights are in effect, and when should they be used.
- When should an interview be used? When should interrogation be used?
- Explain how to properly set up an interview and how to be prepared to switch to an interrogation.

Fatal Investigations including Line of Duty Deaths – Course length: (4.0 hrs.)

Course Outline: Introduces the fire investigator to fatal fire investigations and how to conduct a fire investigation that involves a death. In addition, this topic will cover items to consider for Line of Duty Death investigations.

Objectives:

- What agencies are required to be notified for fatal investigations.
- What agencies are required to be notified for Line of Duty Deaths.
- What is the Fire Investigator's role for fatal fires?
- How do fatal fires differ from "basic" fire investigations?

RAYBURN, JOHN DOUGLAS

John Douglas Rayburn is the President and Owner of Rayburn Fire Scene Investigations, Inc. (FSI). FSI is the third U.S. based organization and one of four worldwide to obtain accreditation to ISO/IEC 17020 for Forensic Inspection in the area of Fire and Explosion Origin and Cause Investigation through A2LA. Mr. Rayburn is a Nationally Certified Fire and Explosion Investigator (CFEI), Certified Fire Investigator (IAAI CFI), Certified Evidence Collection Technician (ECT), and Certified Vehicle Fire Investigator (CVFI). He retired as Lieutenant after 28 years of dedicated service at the North Riverside Fire Department in North Riverside, IL. As of February 2, 2021, Mr. Rayburn has completed 30 years of fire investigations in the private sector. Mr. Rayburn has taught for the University of Illinois as well as the IAAI throughout the country. He has testified in both trials and depositions in state and federal court over 150 times and has actively participated in over 8,000 fire investigations. He is an accelerant-detecting K-9 handler with K-9 "Watson", and is also the first investigator in the country to purchase and utilize the 3D Matterport scanning camera for fire investigations.

MARDIROSIAN, JASON, IAAI-CFI, CI, ECT NAFI-CFEI, CFII IAFI-M

Along with his extensive background in investigations, Jason is an international contractor specializing in instruction of arson, fire and explosion scene investigations. He combines both dynamic classroom presentations and hands-on exercises to help his students understand the complexities of such investigations. Additionally, he is a member of the Technical Working Group for Fire and Explosives (TWGFEX) and a certified Haz-Mat technician (Illinois State Fire Marshal Tech A & B) having served on both the Presidential and VP Response and Emergency Decontamination teams. He has taught independently, as well as in a team setting, for various agencies and groups including Illinois, Ohio, Wisconsin, Indiana, New York, Seattle, WA., Alaska, U.S. Virgin Islands/St. Croix, Texas, Maine, Jamaica and several ATF task force programs. He is certified by the International Association of Arson Investigators to teach the Evidence Collection Technician certification class and the Fundamental Fire/Arson Investigator course. Also, he has taught internationally in Algiers, Algeria (Africa) for Engility Corporation on behalf of the United States Department of Justice and the ICITAP program as a forensic advisor/Law Enforcement consultant teaching arson and explosion scene investigations, evidence collection & analysis, as well as, advanced curriculum, to the Investigators and Laboratory personnel from the Defense Ministry and the National Police from the Ministry of the Interior & Fire brigade. Jason was also hired to conduct a full operational assessment of the Fire Investigation and Forensic Engineering unit of the Dubai Police Department, United Arab Emirates, Ministry of the Interior. Lastly, he was awarded the International Investigator of the Year award from the International Association of Arson Investigators (IAAI) in 2006, as well as, the Investigator of the Year/ Harry Schaefer Award for the state of Illinois Arson Strikeforce.

ROAD MAP TO YOUR FUTURE – PROFESSIONAL CREDENTIALING & ACCREDITATION

Course length: (90 minutes)

Course Outline: Looking for the next promotion but don't know how to get there. Through the fire officer credentialing self-assessment process, you will be able to identify your strengths and weaknesses and develop your road map to the future. This will also cover the Fire Marshal requirement credited by the Washington State Rating Bureau.

Objectives: Following this session, the participant will:

- Understand the requirements for designation.
- Be able to develop a training plan to meet the designation requirements.
- Be able to develop a structured response for demonstrating proficiency in meeting the life safety initiatives for designation.

ROGERS, GREG

Greg Rogers is the Division Chief for Fire Prevention with Spokane Valley Fire Department since 2015. Division Chief Rogers has a Bachelor of Science Degree in Engineering Technology - Fire Protection and Safety, and is currently working on a Master's Degree in Leadership and Management through Western Governors University. Division Chief Rogers was also the first person in WA State to be awarded the Fire Marshal designation from the Center of Public Safety Excellence in 2011 and received the Chief Fire Officer designation in 2018. Rogers has been in the fire service for 27 years, starting as an instructor in 1992 at the Oklahoma State Fire Service Training Center, in Stillwater, Oklahoma. His previous experience includes working for South Kitsap Fire and Rescue, and with North Metro Fire Rescue in Broomfield, Colorado. Also served as Peer reviewer for the CPSE and assigned to reimagining group for the next phase of CPSE for the 9th and 10th Edition manual for the CFAI Accreditation. Division Chief Rogers is currently a board member and Vice Chair of the Fire and Life Safety Section for IAFC and a Commissioner on the Commission Professional Credentialing with CPSE; past President of the Washington State Association of Fire Marshals; Chair of the IAFC Community Risk Reduction Leadership program planning committee; an IAFC Committee Member of the Fire Code Action Committee; as well as the International Fire Code Development Committee member. Division Chief Rogers has testified in front of the Washington State Legislator as well as the Washington State Fire Chiefs Conference and the Washington State Fire Commissioners Conference. Rogers has developed and taught several courses in Washington, Oregon, Colorado and Fire Rescue International, including Professional Credentialing classes, International Fire Code classes, Fire Company Officer Inspection classes, as well as Basic Understanding of the Fire Code and Basic Fire Investigations classes for Olympic College.

STANDING OUT IN A SOCIAL WORLD - Course length: (90 minutes)

Course Outline: This presentation will cover branding, infographics, videos, what does it all mean? In a social media world where you are competing for attention, how do you make your social media posts stand out?

Get insights on how to effectively use social media to communicate with your members, elected officials, the media, and members of your community.

Objectives: This session will provide participants insights to effectively use social media to communicate with:

- Your department members
- Elected officials.
- The media
- Members of your community

STENSTROM, JASPER

Jasper Stenstrom has been a professional firefighter for the past 7 years. Working professionally with two departments in Washington and one in Idaho, for a total of three years on probation... by choice. Jasper is a

firefighter at Graham Fire & Rescue in Pierce County, Washington. Jasper holds the Communications Director position of this 450 member local and runs all Graham Fire & Rescue social media channels growing their social media presence dramatically which in turn has had a huge impact on elections to save firefighter jobs, win local endorsed commissioner races, and win public official races. Jasper also sits on the IAFF 7th District PR committee where he teaches throughout Washington, Idaho, Montana, and Alaska. In his free time, Jasper enjoys any outside activities with his wife, traveling around the world competing in firefighter stair climb events, and hanging out with his German Shepherds, Deschutes & Haze.

THINGS YOU DON'T LEARN IN BASIC PIO - Course length: (180 minutes)

Course Outline: When Public Information Officers start their formal training, they learn the basics of the role, but there is so much more to the job. When working as a PIO, you are often working in the midst of a crisis and thinking on your feet is just one task at hand. The role of a PIO can change quickly and 2020 has stressed the need for communications, even more than ever. It is important to know how to strategize your messages so your voice is heard.

Objectives: In this course, you will learn:

- Important steps you can take today to set yourself up for success
- How to work a multi-jurisdictional incident while staying in your lane
- How to best utilize the media (both traditional and social)
- How to stand up a JIC, even in a virtual setting
- How to work with an incident management team on a large-scale incident
- How to incorporate safety messages into any incident

Panel Discussion: Going further into the topics covered in “Things You Don’t Learn in Basic PIO”, panelists Jenny Weekes, Sarah Foster and Johnna Batiste will discuss specific incidents and examples where these skills were used. Along with examples, lessons learned and ways to navigate certain messages will be covered. The panel encourages questions in advance from WSAFM in order to cover specific needs of the group and audience. Questions from the audience during the presentations are also highly encouraged.

WEEKES, JENNY

Jenny Weekes is the Community & Media Relations Manager for West Pierce Fire & Rescue and serves as a full-time Public Information Officer. Jenny has held various positions throughout her career, including public educator, fire inspector and investigator, all of which have included the role of public information. She is currently a board member for the Washington Emergency Public Information Network (WEPIN) and serves as a PIO on the Pierce County Type III Incident Management Team. She has been a PIO on various large-scale incidents, including two Amtrak passenger derailments, Ketron Island plane crash and brush fire, multiple law enforcement memorials, Pierce County’s COVID-19 response and the Sumner Grade Fire, just to name a few. She holds a Bachelor of Arts in Mass Communications from the University of Washington.

SARAH FOSTER is a communications consultant for the Washington Military Department. She is responsible for Emergency Support Function 15 - Public Affairs - for Washington Emergency Management division. She has focused primarily on the state’s COVID-19 response during her 18 months in this position. Previously, she was the Public Information Officer (PIO) for the Pierce County Emergency Management. As PIO, Sarah’s responsibilities included outreach and media relations for regular department communications and for emergency response communications. Before joining PCEM in late 2015, Sarah worked for the Washington Department of Natural Resources for 16 years – most of that times spent managing the Urban & Community Forestry and Firewise Communities programs. She was the lead PIO for an incident management team for 5 years, and has responded to over thirty wildland fires, the SR 530 landslide, the DuPont Amtrak Derailment, and other incidents. She holds a Bachelor of Science in Natural Resources from Washington State University.

JOHNNA BATISTE is a Sergeant with the Washington State Patrol (WSP). In her current position at the WSP Training Division, she oversees cadet classes as they go through training from civilian to

commissioned officer. She is also responsible for the Control Tactics and Weapons program, as well as the Field Training Officer program. Johnna currently serves on the Pierce County Incident Management Team as one of the team's Public Information Officers (PIO). Prior to her current position, Johnna served as the WSP District 1 lead PIO – serving Pierce and Thurston counties through incidents ranging from every day traffic hazards to planes landing on the highway. Johnna holds a Bachelor of Arts in Communications from University of Hawaii.

LEADERSHIP – NAVIGATING THE CHALLENGES OF LEADING DURING CONFLICT Course length:
(90 minutes)

Course Outline: The practice of leadership is not easy, nor can it be frowned upon, as it has to be in place in each organization. However, leadership is challenged when dealing with issues on conflict. This is when leadership and communication is necessary to resolve the conflict and continual forward momentum of the organization. There are common leadership traits practiced by those who have successfully charted change, influence and cohesion within their organizations. Even while dealing with conflict and turmoil. The fire service can learn from those common traits and establish traits engrained with the rich culture of the fire service.

Objectives:

- This presentation will provide the student with knowledge of:
- Role of the leader in the conflict resolution process.
- Overcoming the escalation of communicating with irate individuals.
- Building relationships to implement and sustain change within the organization.
- Communication process during leadership.

WHITHAM, TIM

Tim Whitham; MS, EFO, CFO a 30-year veteran of fire & emergency services, is the Fire Chief of the Edwardsville Fire Department, in the Kansas City Kansas metro area. Tim holds a Master's Degree in Leadership with the Emphasis in Disaster Planning and Executive Fire Leadership and is a graduate of the Executive Fire Officer (EFO) Program. He is credentialed as a Chief Fire Officer (CFO) through the Center for Public Safety Excellence. As well as accredited through the International Fire Service Accreditation Congress as a Fire Officer III, Instructor III, Inspector II, as well numerous other certifications. Tim is a Professor for Columbia Southern University, College of Safety & Emergency Services; teaching subjects at the Associate and Bachelor Degree level. He is also an Adjunct Instructor with the National Fire Academy. Tim currently is a member of the International Association of Fire Chiefs, where he serves as the Volunteer and Combination Officers Section Representative on the Fire Rescue International Program Planning Committee and other committees.

Presentation: Developing Team - Course length: (120 minutes)

Course Outline: As a former U.S. Navy SEAL Chad draws from his experience in the SEAL Teams to communicate an instructive perspective on teamwork, resilience, leadership and self-motivation.

Objectives: Using his military experience to educate others of the Navy SEAL's mindset, Chad will provide insight on:

- Goal setting
- Effective leadership
- Teamwork
- Overcoming adversity
- Ultimate motivation

WILLIAMS, CHAD

With the goal of becoming a Navy SEAL Williams entered the world of the military's most difficult training known as BUD/S (Basic Underwater Demolition SEAL training). Out of a class of 173 men that all vowed they would die before ever quitting; Chad would be only one of thirteen that would make it through to graduation day. Having served his country proudly through multiple deployments on SEAL Teams One and

Seven. Today, Chad is a bestselling author and frequent guest on major news networks such as Fox News Channel, Anderson Cooper 360, CNN News Room and more.

SMOKE DAMPERS AND COMPARTMENTALIZATION - Course length: (1-hour)

Course Outline The goal of this presentation is to provide information about compartmentalization associated with fire prevention. The course will start with a brief description of compartmentalization and historic fires that could have been mitigated with proper compartmentalization. The course will cover the basics of where we will see compartmentalization associated with the fire code. It will then get broken up into three different segments

- Firewall basics understanding
- Fire dampers understanding
- Fire doors understanding

Objectives: This course will provide participants with information associated with:

- Conducting initial testing and follow up testing and maintenance inspections associated with the three items above.
- The course will also focus on significant changes to the International Fire Code and International Building Code associated with compartmentalization and Washington state code amendments.

WOLDEN, NICK

Nick currently works as a Deputy State Fire Marshal for the Washington State Patrol (WSP). During his time with WSP, he has worked throughout the entire state from Spokane to Long beach, so you may have seen him somewhere along the line. He was a volunteer firefighter for 10-years, worked as Deputy Fire Marshal for a city and was a hand crew firefighter for DNR. Nick currently holds a Bachelor's Degree in Fire Administration from Waldorf University, as well as a Bachelor's Degree in Fire Science from Columbia Southern University. As a Deputy State Fire Marshal, Nick typically inspects nursing homes, hospitals, childcare centers, group homes, and treatment facilities. These buildings often have compartmentalization, which has led him to want to present this topic.

THE COMMERCIAL SIDE OF FIRE PREVENTION – Course length (90-minutes)

Course Outline: An insider's view on the commercial side of fire prevention. How the business operates. The pros and cons of the industry. What local fire departments need to lookout for and how they can help the industry improve.

Objectives: This course will provide participants with information associated with:

- Understand how to conduct initial testing and follow up testing and maintenance inspections associated with hood system.
- Identify the common code violations.

Wall, Darin

Darin Wall is a project manager and deficiency specialist with Alexander Gow Fire Equipment in Seattle, WA, with many years of experience in the commercial hood suppression industry. Darin holds ICC certification as well as certifications in the cities of Portland and Seattle for hood suppression. He is factory certified with every manufacturer of hood suppression equipment on the market. In addition, Darin runs a commercial hood cleaning division, is an IKCEA certified hood cleaning specialist, and spent 17-years in the restaurant industry giving him a unique insiders perspective from the customer's side of the hood suppression business.

CODE ENFORCEMENT IN THE AGE OF INFORMATION, AUTOMATION, & INTEGRATION – Course length (90-minutes)

Verifying code compliance typically involves a person conducting an onsite inspection and confirming that applicable rules are being followed. But in today's era of smart, integrated devices and systems, more and more code-related inspections and tests are being performed either by a 3rd party who generates a record,

or on a constant basis and monitored electronically. Additionally, integrated systems rely on each other to function properly and require different ways of verifying readiness than those used in the past. In either case, an inspection has often become a review of data in lieu of physically witnessing a process or condition. The presenters, being former AHJ's now involved in emerging technology, will examine the changing approaches to code compliance, comparing and contrasting those with traditional methods. The current state of codes and standards regulating these activities and where they may be headed in the future will also be discussed.

Objectives:

- Identify potentially technology that will create efficiencies in the inspection process.
- Evaluate technology for code compliance.
- Discuss new code changes and how this may challenge AHJ's.

Jason Webb and Jeff Hugo

The presenters are both former AHJ's involved with emerging technologies but from different perspectives.

Jason Webb is with Potter Electric Signal, a manufacturer of innovative fire and life safety devices for more than a century, and has worked as a trainer, program developer and manager with fire protection trade associations since his fire service retirement in 2012.

Jeff Hugo is with the National Fire Sprinkler Association, he directs NFSA's Codes and Public Fire Protection efforts and maintains several building official certifications in his home state of Michigan. Jason and Jeff are members of numerous technical committees and both regularly speak at regional and national conferences, having more than 50 years of experience between them.