



# Washington State Patrol STATE FIRE MARSHAL'S OFFICE

*Serving Washington Since 1901*

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## Burn Building Repairs at the Fire Training Academy

On October 27, 2020, members of the Washington State Fire Training Academy (FTA) and Property Management Division met with Pacific Civil & Infrastructure (PCI) for a pre-construction meeting to discuss repairs to the existing burn building. PCI was awarded the contract through the competitive bid process.

The FTA's existing burn building has been in need of repair since damage was identified during the annual inspections of all the props at the FTA in June 2018.

The burn building small room has been out of service due to degradation of the room's floor slab. The upcoming repairs include: removal and replacement of the small room floor and removal of the refractory in the right pit of the warehouse. Both rooms will be sprayed with new refractory and new burn boxes will be built for stacking of pallets for live fire trainings.



The expected completion date of these repairs is January 25, 2021.

***This year the SFMO celebrates our 120th Anniversary!***  
***Join us throughout the year as we highlight our history and shape our future!***

## 2020 Prevention Division by the Numbers

	Total
IFSAC Certificates issued:	2,258
Haz Mat Students Trained:	1,748
Mobilization Trainings Delivered:	4
Responses to Mobilization:	24
Initial Inspections Conducted:	877
Reinspections Conducted:	494
Fire & Life Safety Training Sessions for Facilities:	28
Fire & Life Safety Plan Reviews for Schools:	70
Plan Reviews for Contracted Projects:	33
Sprinkler Licenses Issued:	467
Certificates of Competency Issued:	1,077
Sprinkler Fitter Certificates Issued:	1,813
Fireworks Licenses Issued:	973
Sprinkler Demonstrations Conducted:	0
Sprinkler Trainings Delivered:	0

## 2020 Fire Training Division by the Numbers

	Students
Weekday Recruit Academy:	70
Weekend Recruit Academy:	0
Fire Service Open Enrollment Courses:	379
Marine Courses:	167
Fire Service Department Training:	1,320
Regional Direct Delivery Training:	1,127
Regional Direct Delivery Recruit Academy:	99
National Fire Academy Training:	378
Law Enforcement/Military/Other Training:	212



## State Fire Marshal's Message

**H**appy New Year from the State Fire Marshal's Office! This past year we all faced many challenges that have not been experienced in recent times. From the onset, the fire service quickly recognized the hazards and adapted to new ways to serve our communities effectively and safely. Our state's first responders continue to demonstrate their commitment to public service on a 24/7 basis.

Did you know 2021 marks the 120th anniversary of the State Fire Marshal's Office (SFMO)? Over the years, the scope and focus of the SFMO has evolved to meet the needs of the people of Washington State. It is a rich history that we will highlight in the upcoming year. All of the programs delivered by our office are designed to increase fire and life safety where we live, work, and play.

During this year, the SFMO will work collectively with our fire service partners on Community Risk Reduction (CRR) as we strive to identify and prioritize risks around the state. The emergency responses experienced, documented, and reported to our office in the National Fire Incident Reporting System (NFIRS) format plays a key role in our ability to conduct a risk assessment, and helps provide a more complete Fire in Washington Annual Report for your use. The deadline to submit 2020 NFIRS data is January 31 to ensure your agency's information is included.

Along with our fire service partners, the SFMO remains dedicated to the protection of life, property, and the environment from the devastation of fire. Until we come out of this pandemic, I hope you all stay healthy and safe.

# WSAFM 2020 Award Winners

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The Washington State Association of Fire Marshals (WSAFM) have announced their 2020 Award Winners. The SFMO joins WSAFM in congratulating this year's honorees:

## FIRE MARSHAL OF THE YEAR

### **Tom Maloney, Marysville Fire District**

Fire Marshal Maloney is responsible for managing the operations and administration of the Fire Prevention Division of the Marysville Fire District that provides service to over 67,000 residents. He also plans and directs the activities of the Fire Prevention Division, including fire investigation, annual commercial fire inspections, community education, fire plan review, code enforcement, and special inspections. Tom is a nationally recognized speaker on the need for increased fire prevention efforts, and has been recognized by his peers for being an advocate of community risk reduction, and his efforts in increasing fire safety for the citizens of his jurisdiction, and the state of Washington.



## LIFE MEMBER AWARD

### **Greg Rogers, Spokane Valley Fire Department**

Fire Marshal Rogers has been 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. In 2011, Division Chief Rogers was the first person in Washington State to be awarded Fire Marshal designation from the Center for Public Safety Excellence (CPSE). In 2018, he also received Chief Fire Officer Designation. Rogers has been in the fire service for 27 years, starting in 1992 as an Instructor at the Oklahoma State Fire Service Training Center in Stillwater, Oklahoma. Greg is being recognized for his career dedication and his enhancement and positive influence of fire prevention.



## MEMBER OF THE YEAR

### **Robert Ferrell, Manager of Fire Protection Systems and Services Washington Surveying and Rating Bureau (WSRB)**

Mr. Ferrell is a 20+ year employee of the WSRB. His major responsibilities include overseeing the community protection class evaluations, building code effectiveness gradings and fire protection system technologies. Mr. Ferrell has a Bachelor of Science in Physics from Eastern Washington University and is a licensed Professional Fire Protection Engineer with Washington State. Robert was awarded the Member of the Year Award in recognition of his contributions towards the goals and objectives that have been established by the Washington State Association of Fire Marshals.



For more information on WSAFM, visit [www.wsafm.com](http://www.wsafm.com)



## Certification Update

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There are a number of projects underway to enhance service delivery of the Certification program. These projects involve behind the scenes work as well as more forward-facing initiatives, all designed to streamline and improve program administration and customer experience.

**New Testing Software** – We are in the process of purchasing a new software application for test administration. Our current system, which has been in use since 1994, is at end-of-life and is no longer supported by the original vendor. We are in the procurement process of a new system with greater reliability and functionality for our staff, and an easier testing experience for candidates. This software change will be almost invisible to candidates, other than a newly formatted answer sheet. This new software will also allow us to migrate in the future towards some computer-based testing without an additional software purchase, and to avoid costly maintenance on our optical reader we use to score exams. Look for the new answer sheets in the spring of 2021!

**New candidate score certification database** – Our staff is working with the Washington State Patrol - Information Technology Division's database developers to migrate our testing and certification records into a single database. Though this improvement will be invisible to test candidates, it will improve our ability to verify candidate eligibility to take tests, and make it easier for Test Control Officers to get testing rosters.

**Future Projects include a Testing and Certification Web Portal** – The most ambitious project will be an externally-facing web portal, which will allow fire service personnel to access testing and certification records via the internet. When this project is completed and launched, firefighters will be able to print out both transcripts of their test results and certifications, and reprint their IFSAC-accredited certificates on-demand. This web portal will eventually allow for additional functionality in test registrations and provide department-wide certification information to training officers and fire chiefs. We will continue to work toward making this a reality sometime in the future!

## Free Online NFA Training for Community Risk Reduction

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The National Fire Academy (NFA) offers two free online classes focused on understanding Community Risk Reduction (CRR) and initiating a Community Risk Assessment (CRA). These introductory courses are for those new to CRR, especially station-based officers, line staff, and EMS providers, as well as other non-fire service audiences such as law enforcement, educators, allied health professionals, juvenile justice officials, and wildland urban interface partners.

[Introduction to Strategic Community Risk Reduction](#) empowers the learner with an understanding of what constitutes strategic community risk reduction. Students explore the history and evolution from fire prevention into all-hazards risk reduction. In addition to identifying the core components that build an effective CRR strategy, students learn how the process can help foster safe, healthy, prepared, and resilient communities.

[Introduction to Community Risk Assessment](#) provides a foundational understanding of the components, benefits, and processes of conducting community risk assessments. This course uses realistic scenarios to expose students to real-life situations. Students can expect to receive a foundation in vocabulary, working with demographic and community data, and interacting with stakeholders.

# New UL Video Shows How Quickly Synthetic Materials Burn

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The Underwriters Laboratory's Firefighter Safety Research Institute has released an updated video that demonstrates how little time there is to escape a home fire.

The video shows a side-by-side burn comparison of natural materials vs. synthetic furnishings, highlighting how fast fire spreads in today's fire environment, the importance of having working smoke alarms, and practicing an escape plan.



Visit the [UL project](#) page to see these videos and to share this important fire and life safety messaging within your community.

## IAFC Hazardous Materials Committee White Paper on Dry Ice (Carbon Dioxide) Response

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In 2020, first responders adopted new procedures to mitigate exposure to COVID-19. Now, as the distribution of vaccines begin, new procedures and awareness will be necessary to continue mitigating risks related to the pandemic.

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**“The evolving risks include increases in explosion hazards, oxygen displacement hazards, and exposures to extremely cold temperatures in transport and storage.”**  
.....

The International Association of Fire Chiefs (IAFC) has recently released a white paper addressing fire service response to incidents involving the transport and storage of solid carbon dioxide, commonly known as dry ice, which is necessary for preservation of some of the vaccines.

The evolving risks include increases in explosion hazards, oxygen displacement hazards, and exposures to extremely cold temperatures in transport and storage. While the vaccines themselves are not hazardous if released, there may be pressure to protect and preserve vaccine materials as much as possible.

Download the IAFC white paper [here](#).

# PERSONNEL UPDATES

## CDSFM Mary Valladares Retires

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Chief Deputy State Fire Marshal Mary Valladares retired at the end of 2020 after nearly 11 years with the SFMO.

Mary supervised the Inspection Section for three years, managing the inspections of federally regulated facilities to include nursing homes, hospitals, and ambulatory surgical centers. Prior to that, she served as the Deputy State Fire Marshal conducting fire and life safety inspections in Chelan, Douglas, Okanogan, Kittitas, Klickitat, and Yakima Counties.

Everyone at the SFMO wishes Mary happiness and health in her well-deserved retirement.



## Dylan Montgomery Promoted to CDSFM - Inspection Section

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Effective October 16, 2020, Dylan Montgomery was promoted to the Chief Deputy State Fire Marshal of the Inspection Section. Dylan previously served as the Deputy State Fire Marshal conducting inspections in North Pierce and South King Counties.



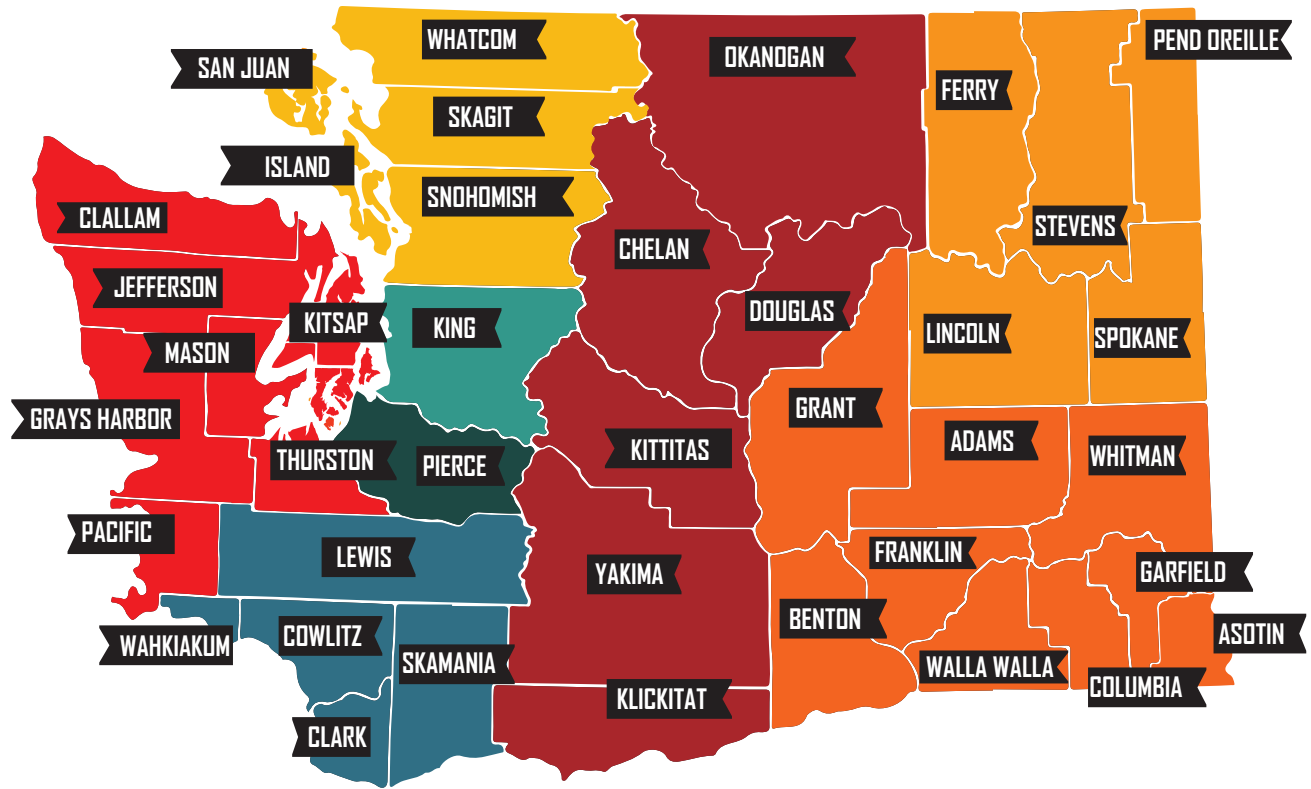
## Welcome Amanda Enright

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On October 27, 2020, Amanda Enright joined the Fire Training Academy as an Events Coordinator 2. Amanda brings over 16 years of experience from her work at The Summit at Snoqualmie, the Issaquah School District, and various other administrative positions with other organizations. Amanda has jumped right into her new role and is excited to be a part of the Fire Protection Bureau family.



# Facility Inspection Contacts



For questions about fire and life safety inspections of state licensed facilities in your area, including nursing homes, hospitals, ambulatory surgical centers, assisted living facilities, group homes, residential treatment facilities, enhanced services facilities, childcare facilities, and schools, please feel free to contact your local Deputy State Fire Marshal as noted below.

Contact	Phone Number	Area(s) Covered
Brandon Brown**	(360) 791-7037	Island, San Juan, Skagit, Snohomish, Whatcom
Ken Dellsite**	(360) 561-1732	Clallam, Grays Harbor, Jefferson, Kitsap, Mason, Pacific, Thurston
Nick Wolden*	(360) 852-0966	Clark, Cowlitz, Lewis, Skamania, Wahkiakum
Lysandra Davis**	(360) 890-1622	Pierce
Cozetta Christian**	(360) 584-5796	North Pierce, King (Fife, Enumclaw, Auburn, & Federal Way)
Brendan Magee**	(360) 481-3933	North King, Snohomish (Edmonds, Lynnwood, Mill Creek, & Mukilteo)
Don West**	(425) 890-9873	King
Barbie Maier*	(509) 969-4536	Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima
David Rogers*	(509) 954-2746	Ferry, Lincoln, Pend Oreille, Spokane, Stevens
Doug DeGraff*	(509) 531-3384	Adams, Asotin, Benton, Columbia, Franklin, Garfield, Grant, Walla Walla, Whitman
Barb McMullen	(360) 596-3911	Supervisor*: Assisted Living, Daycare, Group Homes, Enhanced Services, & Residential Treatment Facilities
Dylan Montgomery	(360) 596-3906	Supervisor**: Ambulatory Surgery Centers, Hospitals, & Nursing Homes

# New Certification Requirements for Fire Extinguishing Equipment Service Personnel

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The State Fire Marshal’s Office (SFMO) inspects state licensed health care, residential, and childcare facilities. New rules will be taking effect in 2021 that will impact fire extinguishing equipment in those facilities and the personnel that design, install, test, or maintain them. Under WAC 51-54A, the State Building Code Council’s adoption and amendment of the 2018 International Fire Code that will take effect on February 1, 2021, facilities that have a chemical based fire suppression system installed may require compliance with new fire code provisions.

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**“If the SFMO finds a facility that has a service provider that does not have the required certifications during our fire and life safety inspections, the facility will be cited and will have to have a NAFED certified person complete the service.”**  
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The following will be required for personnel that design, install, test, or maintain chemical based fire-extinguishing equipment for Class 1 Kitchen Hoods in the State of Washington:

**IFC 904.1.1** Certification of service personnel for fire-extinguishing equipment. Service personnel performing system design, installation or conducting system maintenance or testing on automatic fire-extinguishing systems, other than automatic sprinkler systems, shall possess the appropriate International Code Council/ National Association of Fire Equipment Distributors (ICC/NAFED) certification.

**IFC 904.1.1.1** Pre-engineered kitchen fire-extinguishing systems. A current ICC/NAFED certification for pre-engineered kitchen fire-extinguishing systems is required when performing design, installation, inspection/ testing or maintenance of kitchen suppression systems.

**IFC 904.1.1.2** Engineered fire suppression systems. A current ICC/NAFED certification for engineered fire suppression systems is required when performing design, installation, inspection/testing or maintenance on kitchen suppression systems.

**IFC 904.1.1.3** Pre-engineered industrial fire-extinguishing system. A current ICC/NAFED certification for pre-engineered industrial fire-extinguishing system is required when performing design, installation, inspection/ testing or maintenance on kitchen suppression systems.

Any individuals without a valid certification after the adoption date cannot design, install, test, or service the referenced equipment in Washington State. If the SFMO finds a facility that has a service provider that does not have the required certifications during our fire and life safety inspections, the facility will be cited and will have to have a NAFED certified person complete the service.

If you have questions about NAFED certification and their joint program with ICC, visit [nafed.org](http://nafed.org).

For questions regarding fire and life safety inspections conducted by our office, call (360) 596-3947 or email [inspections@wsp.wa.gov](mailto:inspections@wsp.wa.gov).

You may also contact the State Building Code Council at [sbcc.wa.gov](http://sbcc.wa.gov), if you have questions about the adoption of codes in the state of Washington.



# How Licensing Investigations are Handled

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The Licensing Section of the SFMO administers the fire sprinkler and fireworks programs in accordance with [RCW 18.160](#), [RCW 18.270](#), and [RCW 70.77](#).

If there is a suspected violation of the provisions of either program, a citizen, an industry employee, or the Authority Having Jurisdiction (AHJ) can submit the appropriate complaint form available on our website.

The complaint form is the starting process for our involvement, and our role will be focused on the requirements of licensing and certification for fire sprinkler and fireworks industries. Issues related to permitting or enforcement that is within the local's purview will be referred to the local AHJ.

Once the complaint form and any supporting material has been submitted, it is reviewed and, if warranted, an investigation will be conducted. Depending on the result of the investigation, a monetary penalty or other enforcement action may be taken in accordance with the applicable RCW and WAC. The licensee or certificate holder has the opportunity to request either an informal hearing with the State Fire Marshal or a formal hearing to dispute any penalties levied or other enforcement action taken against them.

If you have any questions about the investigation process, call the Licensing Section at (360) 596-3946 or email [firesprinkler@wsp.wa.gov](mailto:firesprinkler@wsp.wa.gov) or [fireworks@wsp.wa.gov](mailto:fireworks@wsp.wa.gov).

## Fire Sprinkler Renewal Update

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The 2021 Fire Sprinkler Licensing and Certification Program Renewal Cycles concluded on December 31, 2020. Preliminary lists of renewed Sprinkler Contractors, Certificate of Competency Holders, and Sprinkler Fitters will be posted to our [webpage](#) this week. The final lists will be posted at the end of January and updated at the end of every month thereafter.

License and certificate renewals submitted at the end of December are currently being processed. However, as they were not able to be completed prior to expiration on December 31, any such license or certificate holder is not considered legally compliant until a current credential has been physically issued. This could result in situations such as someone legal to start a sprinkler job in 2020 who is no longer legal to complete it as of January 1, 2021. Similarly, there will be some who complete the process and become legally compliant between now and the end of the month, when these lists will be updated.

Please contact us at (360) 596-3946 or [firesprinkler@wsp.wa.gov](mailto:firesprinkler@wsp.wa.gov) to verify the status of anyone who cannot provide a current and valid license or certificate or is otherwise not listed as current on our [webpage](#).



# NFIRS UPDATES

## eNFIRS Training Videos Available on USFA Website

The U.S. Fire Administration provides helpful videos to help agencies properly use the National Fire Incident Reporting System (NFIRS).

Visit the [USFA website](#) for further information on the following topics:

**Overview of Single Sign-On** – The Single Sign-on (SSO) is a feature new to eNFIRS that places all NFIRS tools in one location, requiring just one login.

**Forgot Username and Password** – This video will guide your through the process to self-manage your username and/or password.

**Search for an Incident** – Already have an incident in the NFIRS system? Need to find it again? This video will show you how to search for an existing incident using the eNFIRS interface.

**Add Module** – Step-by-step instructions for adding a module to an existing NFIRS report.

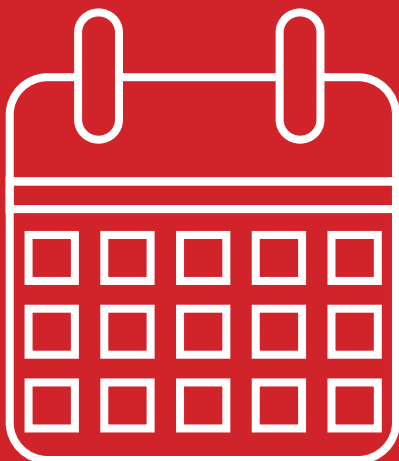
**Form-Based Incident Report (FBIR) Utility** – Instructions for how to use the FBIR to create a portable document format (PDF) file to print a paper copy of an existing NFIRS report.

**User Help** – An overview of the resources available to provide help with eNFIRS and general NFIRS questions.

**NFIRS Data Warehouse Application and Report Workflow** – An overview of the Data Warehouse application and the workflow for running a report.

**NFIRS Data Warehouse Application and Report Workflow: Scheduling Features** – An overview of the Data Warehouse application and the workflow for running a report.

## Save the Date! NFIRS Data Due January 31



The annual Fire in Washington report will be published in April 2021. **Incident data from 2020 must be submitted to [NFIRS@wsp.wa.gov](mailto:NFIRS@wsp.wa.gov) by Sunday, January 31, 2021, for inclusion in the report.**

To verify your agency's reporting status, a monthly incident count report can be found at [www.wsp.wa.gov/prevention-data-collection/](http://www.wsp.wa.gov/prevention-data-collection/).

The NFIRS coordinator is available to assist agencies with implementing the NFIRS program, exporting data, and more. Please call (360) 596-3924 or email [NFIRS@wsp.wa.gov](mailto:NFIRS@wsp.wa.gov) for assistance.

## SFMO to Participate in Sound Off Program

The SFMO will participate in the Sound Off Program as a FEMA grant sub-recipient.

**Sound Off with the Home Fire Safety Patrol** is a school-based fire safety program created through a grant to the Michigan Public Health Institute (MPHI), a non-profit organization. The program teaches children in grades 2-3 and their caregivers how to stay safe from fire and offers home safety visits to install free smoke alarms in homes that need them.

Washington joins six other states (Arkansas, Illinois, Kentucky, Maryland, Massachusetts, and Vermont) as new Phase 1 State Teams. Each state team has selected 3-5 local teams to deliver three Sound Off lessons in 2nd and 3rd grade classrooms in a total of 29 high-risk communities. State teams will distribute free smoke alarms provided by the grant to install in student and other high-risk homes. If classroom visits are not possible due to COVID-19, some virtual tools have been developed and more will be developed during the grant period.

Local teams in Washington include: *Lacey Fire District 3, North County Regional Fire Authority, Pasco Fire Department, Spokane Fire Department, and Spokane Valley Fire Department.* Over the next few months, representatives from these agencies and the SFMO will receive virtual training from MPHI project managers. The training will cover Sound Off history, best practices, and development; the teaching kit and other printed materials; and review online videos and virtual materials.



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**“The program teaches children in grades 2-3 and their caregivers how to stay safe from fire and offers home safety visits to install free smoke alarms in homes that need them.”**  
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The SFMO is excited to participate in this proven and worthy program as we work towards making Washington a safe place to live, work, and play.

# Upcoming Events and Trainings

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## January 11-14: Fire Instructor 1

North Bend, WA

## February 8-13: Fire Officer 1

North Bend, WA

## February 22-26: Fire Officer 2

North Bend, WA

## March 22-26: Fire Instructor 2

North Bend, WA

## May 3-6: Fire Instructor 1

North Bend, WA

## January 18-24: CRR Week 2021

Learn more at [www.crrweek.org](http://www.crrweek.org)

## January 28: 2018 IFC Code Update Class

WSAFM Online

## Introduction to Community Risk Assessment

NFA Online

## Intro to Strategic Community Risk Reduction

NFA Online

# State Fire Marshal's Program Contacts

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## FIRE PROTECTION BUREAU

State Fire Marshal

Charles LeBlanc

[Charles.LeBlanc@wsp.wa.gov](mailto:Charles.LeBlanc@wsp.wa.gov)

(360) 596-3902

## PREVENTION DIVISION

Assistant State Fire Marshal

Melissa Gannie

[Melissa.Gannie@wsp.wa.gov](mailto:Melissa.Gannie@wsp.wa.gov)

(360) 596-3903

## Inspections

Chief Deputy State Fire Marshal

Dylan Montgomery

[Dylan.Montgomery@wsp.wa.gov](mailto:Dylan.Montgomery@wsp.wa.gov)

(360) 596-3906

## Plan Review

Chief Deputy State Fire Marshal

Barbara McMullen

[Barbara.McMullen@wsp.wa.gov](mailto:Barbara.McMullen@wsp.wa.gov)

(360) 596-3911

## Licensing

Chief Deputy State Fire Marshal

Esther Hernandez

[Esther.Hernandez@wsp.wa.gov](mailto:Esther.Hernandez@wsp.wa.gov)

(360) 596-3913

## Professional Development & Response

Chief Deputy State Fire Marshal

Bill Slosson

[William.Slosson@wsp.wa.gov](mailto:William.Slosson@wsp.wa.gov)

(360) 596-3928

## FIRE TRAINING DIVISION

Assistant State Fire Marshal

Chad Cross

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(425) 453-3000 Ext. 102

Assistant Division Commander

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## Regional Direct Delivery

Chief Deputy State Fire Marshal

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## Instruction

Chief Deputy State Fire Marshal

Michael Lant

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