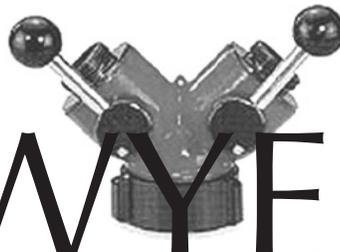


GATED WYE



April 2015 · Oregon Office of State Fire Marshal · 4760 Portland Road NE · Salem Oregon 97305-1760 · No. 376

OSFM awards Sparky winners

State Fire Marshal Jim Walker bestowed the Office of State Fire Marshal's highest awards for achievement in fire prevention and fire safety education during the Oregon Fire Marshals Association conference March 19, 2015.

The Golden Sparky award is given to a member of the fire service and this year it was presented to Corvallis Fire Prevention Officer Jim Patton. The Silver Sparky is given to a civilian and was presented to Legacy Emanuel Trauma Prevention Community Education Coordinator Simone Carter.

"Jim Patton has been a pioneer in developing and implementing advanced campus fire safety programs at Oregon State University, throughout the State of Oregon, and nationally reaching students and faculty as well," said State Fire Marshal Jim Walker.

"His efforts have clearly led to a lower fire loss for more than 29,000 students and 6,000 faculty members in nearly 200 facilities."

Patton has also organized and managed the annual Corvallis Fire Department's Open House/Child Safety Fair and he has developed the local fire safety component of the Boys & Girls Club Safety Town program on fire safety.

"Simone Carter is a true advocate for public fire safety and the safety of older adults who are most at risk of fire deaths. She is certified to teach the OSFM *Take the Right Steps* program to older adults who are concerned with falling, have a fear of falling, or who have fallen in the past," said Walker.

Carter also serves on a number of community boards that provide a variety of injury prevention education or services including City of Portland Gang Task Force, Healing Hurt People, SAFE Kids, and Metro Injury Prevention Partners.

"Her extensive efforts and advocacy on behalf of Oregon citizens makes her a prime candidate for this award," said Walker. "She is an excellent role model for prevention and an advocate for the older adult population in Oregon."



Golden Sparky award winner Jim Patton (center) with his wife Joy (left) and State Fire Marshal Jim Walker



Silver Sparky award winner Simone Carter (center) with her partner Larry Beard (left) and State Fire Marshal Jim Walker

From the desk of the state fire marshal



It's all in the preparation

Wildfire readiness – unfortunately, it's not too early to be talking about this. Although, Oregon rainfall this season is close to normal, the snowpack in our mountains is far below normal. The U.S. Drought Monitor is calling for severe to extreme drought in much of eastern and southern Oregon. This is all adding up to another record wildfire season.

Just as residents in wildfire prone areas need to prepare by reducing excess vegetation around their homes and preparing evacuation plans, fire service agencies need to be prepared.

In February, the OSFM in partnership with IAFC, hosted a *Ready, Set, Go Train-the-Trainer* event where 98 attendees from the Oregon fire service and other agencies gained knowledge about promoting the wildfire readiness program in their jurisdictions.

At the Fire Defense Board Chiefs annual meeting last month, changes to the [2015 Oregon Fire Service Mobilization Plan](#) were approved in preparation for the upcoming wildfire season.

The OSFM incident management teams have also prepared through their combined annual training in late March and early April.

This month, I will also be meeting with the Governor's office with our partners from ODF, DPSST, the Oregon Military Department, and Oregon Emergency Management regarding Oregon's conflagration readiness and review the rules and responsibilities of each agency.

I encourage all Oregon fire agencies to reach out to their local residents and urge them to take the necessary steps to prepare themselves and their property in case of wildfire. The OSFM encourages residents to consider alternative ways of discarding of yard debris other than backyard burning and to follow the advice listed on the websites for [Keep Oregon Green](#), [Oregon Department of Forestry](#), the OSFM, and [Ready, Set, Go!](#)



**State Fire Marshal
Jim Walker**

**Office of
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The Gated Wye is published monthly by the Oregon Office of State Fire Marshal. For submissions or suggestions contact Rich Hoover at 503-934-8217 or email richard.hoover@state.or.us. In compliance with the Americans with Disabilities Act, alternative formats of this publication are available.

May is Oregon Wildfire Awareness Month

by Keep Oregon Green Director Kristin Babbs

Oregon's record-low snowpack and dry spring have fire officials concerned about drought and the potential for the driest summer fire conditions in 25 years.

May is Oregon Wildfire Awareness Month, and fire educators will be spreading the word on ways to help prevent human-caused fires, as well as how to protect a home in the event a wildfire encroaches. "Wildfire Knows No Season" is the theme for this year's annual public awareness campaign, highlighting wildfire prevention education messages, events, and opportunities for involvement statewide.

Fire prevention education and pre-season preparation is crucial this year. All fire agencies are encouraged to remind residents that spring is the ideal time to remove dead, flammable vegetation and to prune trees around their property.

To jump-start the month, homeowners can join their neighbors in reducing community wildfire risk by taking part in National Wildfire Community Preparedness Day, Saturday, May 2. The National Fire Protection Association has teamed up with State Farm Insurance to encourage residents to commit a few hours or the entire day to help raise wildfire awareness and work together on projects that help protect homes and communities from the threat of wildfire.

Sixty-five communities nationwide received funding awards of \$500 each to implement such projects. Of those, four Oregon communities -Cave Junction, Grants Pass, Mission, and Ruch school in the Applegate area- were selected. The Community Preparedness Day presents the perfect opportunity for all communities to conduct a "Firewise Day" event to maintain Firewise Community status or to seek first-time recognition in 2015.

Each week in May, Keep Oregon Green and the Oregon Department of Forestry will highlight a new wildfire prevention topic and communicate prevention messages statewide. Topics will focus on spring cleaning and defensible space, backyard debris burning, recreation/campfire safety, and the true cost of a human-caused wildfire. Local

field offices may choose to follow this statewide schedule of topics, or focus on topics within a time frame that best serves local needs.

Graphics and pre-scripted 'grab and go' downloadable resources are available in an electronic toolkit. These items will be accessible to all fire service personnel via [ODF's external webpage](#).

The toolkit contains:

- Prevention checklists (defensible space, debris burn, campfire) for public distribution
- Link to ODF's Flickr site (photos)
- Pre scripted social media messages (Twitter and Facebook)
- Pre scripted press release templates
- Videos (ODF and KOG PSAs, Smokey Bear PSAs, and Fire Adapted Communities PSAs)
- Print-quality PDFs
 - WAM half-page flyer
 - WAM poster
 - ¼ page print ad template
 - Web banners and email signatures (horizontal and vertical)

For more information, please visit the websites for [Keep Oregon Green](#) and the [Oregon Department of Forestry](#).

Do you know a community taking action to be wildfire safe? Tell us about it!

In an effort to highlight communities and homeowner associations that are taking action to create survivable space and other wildfire prevention efforts, we are asking fire departments from across the state to send us their stories and photos of the good work being done.

The OSFM wants to ensure that we recognize those making an effort to protect their home, their neighbors' homes, and the community around.

Please contact OSFM Community Liaison Rich Hoover at 503-934-8217 or richard.hoover@state.or.us

Fireworks season is fast approaching - Is your agency prepared?

by License & Permits Manager Anita Phillips

Fireworks season will be here before you know it and we want to make sure your agency has the tools for successful education and enforcement.

Each year the OSFM strives to provide the best information and assistance possible with our limited resources. We have created different types of toolkits which contain forms, checklists, and more, and they are all available on our website.

Fireworks retail sales outlets will be popping up all over the state, and fire departments will begin inspecting them to ensure the safety of customers and the people running the sales outlets. Each year, we post a list of retail fireworks sales permits on our website that fire officials can use to track sales outlets in their jurisdictions.

Fire officials can use the 2012 edition of NFPA 1124 (adopted by the OSFM) because the section pertaining to retail fireworks storage is not in the current edition. NFPA and the fireworks industry are collaborating on the storage language for upcoming editions.

Two documents that may be useful for fire inspectors are the [Stand Inspection form](#) and [Preparing Your Retail Fireworks Tent/Stand](#). The *Common Inspection Elements* form is basically a checklist that will assist the inspector. The *Preparing Your Retail Fireworks Tent/Stand* document is geared for retailers and contains examples of layouts for both indoor and outdoor sales outlets that you can refer to if you are asked for assistance.

Last year, there were several incidents where illegal fireworks were found during inspections of fireworks sales outlets. Most outlets should not have any illegal product.

The rule of thumb to identify which fireworks were legal/illegal used to be that if a firework was labeled with the word "Caution" it was legal, if it was labeled "Warning" it was illegal. That's not always the case anymore. Now the best way to tell is to read the description of what the firework does below the label "Caution" or "Warning."

Most fireworks labeled with "Caution" will have the wording "Emits showers of sparks." Those fireworks are legal. Most fireworks labeled with "Warning" have the wording "Shoots flaming balls." Those fireworks are illegal.

If an inspector is still unsure as to the legality of the firework in question, they have a right to request the retailer demonstrate the product to determine if it meets all of the requirements of an Oregon legal firework.

Fireworks Safety

Promote & Practice the 4 BE'S

BE PREPARED:

- Store fireworks out of children's reach.
- Always read and follow label directions.
- Place pets indoors; they are easily frightened by fireworks.
- Always have water handy (a garden hose or a bucket of water).



BE SAFE:

- An adult should always light fireworks.
- Keep matches & lighters away from children.
- Use fireworks outdoors only.
- Light only one firework at a time & move away quickly.
- Keep children & pets away from fireworks.
- Always remember-do not throw fireworks or hold them in your hand.



BE RESPONSIBLE:

- Soak used fireworks thoroughly in a bucket of water.
- Dispose of used fireworks & debris properly.
- Never re-light "dud" fireworks. Wait 15-20 minutes then soak it in a bucket of water.

BE AWARE:

- Use only legal fireworks.
- Use fireworks only in legal places.
- Fireworks are prohibited on all beaches, State Parks, & State or Federal Forest lands.

A SAFE 4TH IS A FUN 4TH!



If you find illegal fireworks, you have the authority to confiscate them according to OAR 837-012-0675. You may also contact your local deputy state fire marshal or the License & Permits Unit if you need assistance. The OSFM does assist with confiscations and coordinates with OSP and other agencies to remove and destroy illegal fireworks.

For further assistance with any fireworks questions or issues, please contact Rachel Fellis at 503-934-8272 or sfm.lp@state.or.us.

DATA Connection

News from the Analytics & Intelligence unit
by Program Coordinator Dave Gullede



A local fire agency responds to a traffic accident.

How do you code that?

The incident type for this situation would be 322– Motor Vehicle Accident with Injuries. If no one was injured, it would be coded as 324–Motor Vehicle Accident with No Injuries.

Many times these calls are coded as 321–Emergency Medical Service (EMS) Call, mainly because an ambulance is responding to care for those possibly injured. In some instances, an ambulance may be all that responds.

Whatever the case may be, the National Fire Incident Reporting System (NFIRS) standard is that the incident type should be what the arriving crew found on arrival, not what they were dispatched to. Within the NFIRS report is a specific section where the actions taken by the responding agency can be captured. In fact, the top three actions taken can be entered.

If all the responding agency did was check for injuries, the Actions Taken would be coded 31–Provide First Aid and Check for Injuries. If more advanced services were provided, the Actions Taken would reflect this by using either 32–Provide Basic Life Support, or 33–Provide Advanced Life Support.

When reporting a response to a traffic accident, the Basic Module is the only NFIRS module that is required. The EMS Module is not required, even if EMS services were provided. The EMS Module can be used, if the agency so chooses, to capture infor-

mation about the injuries sustained and the level of treatment provided. Completing the EMS Module does not take the place of the Patient Care Report, nor does it pose any HIPAA issues.

Although not required, the EMS Module can capture helpful information when it comes to traffic accidents. Things such as, did the airbags deploy, were seat belts used, and type of injury sustained, are data points in the EMS Module.

Traffic accidents are one of many common types of incidents fire agencies respond to outside of actual fires. There were more than 15,000 traffic accident responses reported in Oregon in 2014. To date, in 2015 there have been 1,200 reported.

Knowing when and where these accidents happen can be very helpful in identifying trends. That information can also be helpful in reducing risks.

The most important thing for local fire agencies to remember is that responses to these types of incidents should be reported along with responses to any type of incident. Too often, data is not available on certain types of non-fire incidents such as traffic accidents in some areas of the state because the local fire agency only reports fire related incidents.

Providing information on non-fire related incidents provides a more complete picture of the type of incidents local fire agencies handle as well as a statewide picture of what puts Oregonians at risk and what those risks are.

Additionally, in a time where resources are often scarce, it is imperative for a fire agency to demonstrate the value of the services they provide. The best way to do this is by making sure all responses are reported.

The OSFM often receives information requests asking how many of a certain type of incident have occurred in a specific area. The story we tell is based on the information we receive. Will your agency's story be accurate if OSFM is asked about your agency?

Questions? Please contact the Analytics & Intelligence unit at 503-934-8250, toll free at 877-588-8787, or email osfm.data@state.or.us.

2015 SERC/LEPC Conference May 12-14, Seaside, Oregon

A great opportunity for local emergency planning members, emergency managers, first responders, industry members and more. Learn about the Community Right to Know Act and how Oregon is addressing it.

[Registration is free!](#)

Limited scholarships are available for lodging and mileage; contact Sue Otjen at 503-934-8227 or sue.otjen@state.or.us.

Save the Date

The Oregon Fire Equipment Distributors association is hosting training for fire marshals and other AHJs, May 1, 2015, at the Sheraton Portland Airport Hotel on fire extinguisher related topics, including:

- Fire Chemistry and Theory of Extinguishment
- Specialty Fire Extinguishers (the world beyond the 2A:10B:C, 5 lb ABC)
- IFC Fire Extinguisher Requirements
- Overview of NFPA 10 chapters 5 and 6: Selection, Placement, and Installation of Extinguishers

Register by contacting Brenda Casey at Brenda@metrosafetyandfire.com.

Chemeketa Fire Program planning a 50-year reunion

Chemeketa Community College is asking members of the Oregon fire service to help spread the word about their upcoming 50-year reunion September 11-13, 2015, at the Brooks Regional Training Center in Salem.

The three-day event will include a golf tournament, barbecue, wine tasting, and more. Former students, instructors, staff, family members, and program supporters are welcome. More information is forthcoming.

Send your contact information to Tania Kleinschmit at tania.kleinschmit@chemeketa.edu. For questions, contact Scott Hukari at shukari@chemeketa.edu. You can visit the reunion [Facebook page](#) or the CCC Regional Training Center Website.

Good collaboration leads to arson arrest

by OSP Detective Joe Feland

On February 22, 2015, Roseburg Fire Department responded to a fire at the Diamond Lake Mini-Storage in Roseburg, Oregon. The fire had quickly spread to the majority of the all-metal structure, about 29 units. Firefighters used a high-pressure nozzle to penetrate the roof while others entered the building using gas-powered saws to cut locks off each unit to effectively battle the blaze. After suppression, Roseburg City Fire Marshal conducted a thorough Origin and Cause Investigation and determined the fire was intentionally set.



A portion of the storage sheds after suppression.

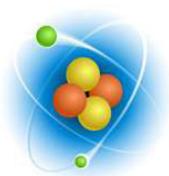
The Roseburg City Fire Marshal's rapid response later prompted notification to the Oregon State Police and Oregon State Fire Marshal's Office. The joint investigation with the Roseburg City Fire Department, Roseburg City Police, Office of State Fire Marshal, and Oregon State Police Arson Unit rapidly evolved and a suspect was identified.

On February 26, 2015, 27-year-old Donald Owen Griffith Valdez was arrested and charged with arson and other crimes including burglary, criminal mischief and possession of burglar tools.

I would like to commend the Roseburg City Fire Department, Fire Chief Gregg Timm, Roseburg Fire Marshal Tony DiMare, Roseburg City Police Department Sergeant Joe Kaney, Detective Todd Spingath, and Detective George Sheppard for their actions and their thorough investigation into this arson. I encourage all Oregon fire and police departments to use the Office of State Fire Marshal and Oregon State Police Arson Unit when investigating fires of a suspicious nature and those already determined to be arson.



Valdez



Butyl Acrylate $\text{CH}_2=\text{CHCOOC}_4\text{H}_9$

Description:

- The substance is a monomer
- Synonyms: 2-propenoic acid butyl ester
acrylic acid n-butyl ester
- Clear colorless liquid with a strong sharp odor
- CAS No.: 141-32-2
- EPA Section 302 EHS: Not listed
- EPA Section 112R : Not listed
- EPA Section 304 EHS: Not listed
- OSHA PSM: Not listed

NFPA 704 Information:

- Health: 2-3
- Flammability: 2-3
- Reactivity: 0-2
- Special: None

Reactivity and Fire Risk:

- Stabilized with hydroquinone monomethyl ether (MEHQ CAS # 150-76-5) to prevent spontaneous polymerization
- Highly flammable
- Flash point: 84.2 - 120° F
- LEL: 1.3; UEL: 9.9%
- Autoignition temperature: 534 - 558° F
- Vapor density (air = 1): 4.4
- Boiling point: 293 - 298° F
- Risk of spontaneous and violent polymerization if inhibitor is lost or product is exposed to excessive heat
- Risk of spontaneous polymerization by oxygen depletion of the liquid phase
- Polymerizes explosively in contact with strong oxidizing agents
- Risk of spontaneous polymerization in the presence of oxidizing agents
- Explosion and fire hazard exist under confined conditions
- Temperatures must be kept low to minimize formation of peroxides and other compounds
- Incompatibles include metal salts, oxidizing agents, reducing agents, radical formers, peroxides, many others

Health Hazards:

- IDLH: Not listed
- Eye, skin, and respiratory irritant

Fire Fighting Measures:

- Extinguishing media: Dry chemical, carbon dioxide, water spray or fog, appropriate foam
- Risk of violent self-polymerization if overheated in a container

2012 Emergency Response Guidebook:

- Shipping name: Butyl acrylates, stabilized
- Hazard Class: Flammable liquid (3)
- UN/NA: 2348; Guide # 129P Flammable Liquids (Polar/Water-Miscible/Noxious)
- The P designates a substance that may polymerize explosively when heated or involved in a fire
- Fire: Tank, railcar isolate 1/2 mi all directions

2014 Oregon Fire Code: Table 5003.1.1(1)

- Unstable (Reactive) Class 2
- Maximum Allowable Quantities (MAQ) per control area:
- Unprotected by sprinklers or approved storage cabinets: 50 pounds or 5 gal
- In sprinklered building, not within approved storage cabinets: 100 lbs/10 gal
- In unsprinklered building, within approved storage cabinets: 100 pounds or 10 gal
- In sprinklered building, within approved storage cabinets: 200 pounds or 20 gal
- Notes d, e, and m (liquid divide lbs by 10)
- Group when MAQ exceeded: H-3

Incident Reporting and Information:

- Facilities reporting butyl acrylate on the Hazardous Substance Information Survey: one
- Hazardous materials incidents reported in Oregon since 1986: one

References include:

- [Cameo chemicals – Butyl Acrylate](#)
- [BASF Corp. - MSDS Butyl Acrylate](#)
- [Sigma-Aldrich – MSDS Butyl acrylate](#)
- [Science Lab.Com – MSDS Butyl Acrylate](#)
- [NIOSH Pocket Guide to Chemicals- Butyl Acrylate](#)
- HMEEx Assistant
- [EPA List of Lists, October 2012](#)

For questions or suggestions, contact Aleta Carte at 503-934-8262 or aleta.carte@state.or.us.

Oregon's gift tree turns 25

On a cool spring day, April 1, 1990, a small Douglas fir from the state of Oregon was planted on the campus of the National Fire Academy in Emmitsburg, Maryland. The tree was a gift from Oregon's past, present, and future firefighters in recognition of the outstanding training available at the Academy.

The gifted tree was the idea of then Firefighter Jack Remillard, who had just completed an enjoyable, but painful, trip to the Academy in July 1989.

Remillard dislocated his foot playing volleyball one evening and was taken to Gettysburg for treatment. After arriving back home in Oregon, he came up with the idea of presenting the tree to the Academy, partially in thanks for the kind treatment he received at the Academy while disabled, and for the great training opportunity.

Remillard went in search of donations and collected more than \$1,100 from across Oregon. All was going well until February 1990, when he was diagnosed with cancer.

Remillard thought the tree project would fail, but others in his fire department took on the challenge, and along with the help of then Assistant Oregon State Forester Fred Robinson, Wayne Powell and Linda Hurley of the Academy, and Pendleton Fire Chief Dick Hopper, the tree was delivered and planted on Academy grounds.

After a nearly three year process of collecting

donations, a bout of cancer, promotion to lieutenant, transporting the tree from Oregon to the Academy, remaking the dedication plaque due to a spelling error, and countless letters and phone calls to Academy representative Wayne Powell, the tree was dedicated to the Academy June 23, 1992 by Lt. Remillard and U.S. Fire Administrator (and former Oregon State Fire Marshal) Olin Greene.

It's been 25 years since the tree was planted, and it has quite a history. It was used as a Christmas tree for fallen firefighter families to decorate until it grew too tall.

If you are fortunate enough to attend the Academy, be sure to visit the tree located in front of the National Fire Fighter Memorial Park.

If you take photos, Jack Remillard would really appreciate you emailing copies to jpremi@charter.net.



Planting the tree in 1990 - L to R - Academy Fire Service Specialists Wayne Powell and Linda Hurley, Oregon Assistant State Forester Fred Robinson.



The tree in 2014.