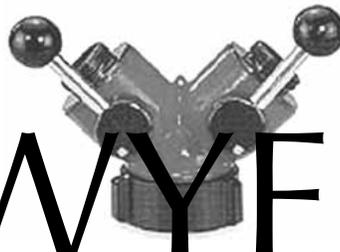


GATED WYE



October 2013 · Oregon Office of State Fire Marshal · 4760 Portland Road NE · Salem Oregon 97305-1760 · No. 357

OSFM staff recognized at OSP Superintendent Salute Awards

OSP Employee of the Year

Mariana Ruiz-Temple

OSFM Emergency Response Branch Manager Mariana Ruiz-Temple oversees the Emergency Response Program and the Community Right-to-Know program; she also was one of the founders of the OSFM's Positive Action Committee which promotes a positive work environment for all OSFM employees, strengthens morale, and provides professional development opportunities.

Ruiz-Temple has built and maintained critical interagency relationships that are a cornerstone to the OSFM's continued success as a premier public safety agency. Her strong relationships with structural fire departments has earned enormous respect from OSFM's interagency partners.

Her respectful, relaxed, and friendly management style helps the OSFM to meet its mission of protecting citizens, their property, and the environment from fire and hazardous materials.



Mariana Ruiz-Temple and OSP Superintendent Rich Evans

Vivian McLain Kirby Award

Mariah Rawlins

Emergency Response Branch Administrative Assistant Mariah Rawlins exemplifies the true spirit of service in her day-to-day tasks. She is always willing to take on last minute tasks or assist any unit or manager that needs help.

Rawlins is responsible for the administrative support of 13 regional hazardous materials response teams and three incident management teams. In all, she provides support to more than 380 firefighters around the state. In addition she provides administrative support and facilitation to eight statewide fire committees.

Rawlins also serves as the resource unit leader for the Blue Incident Management Team, responsible for tracking all fire resources deployed to a conflagration. Her education, background, and experience both in response and administration make her a great asset to the OSFM.



Mariah Rawlins and OSP Superintendent Rich Evans



A change of seasons and safety messaging

As we move from summer into fall, we hope to be looking back at the 2013 wildfire season because the season is over. However, until a “season-ending event” occurs all across Oregon, we are still in “fire season,” even though the recent rains over parts of Oregon have reduced the potential for additional large fires (greater than 100 acres). Season-ending events will likely occur over several storms that cover only a portion of Oregon rather than a statewide storm this year.

As predicted, the 2013 wildfire season was very challenging; starting early for many reasons including below average snow-pack, early snow melt, below normal spring precipitation, among other factors. It’s been said that this fire season was the worst since 1951 (the last “Tillamook Burn”), but others look at the Biscuit Fire, the B&B Complex, and other large fires that have occurred since 1951. Final reports, statistics, and costs are still being tabulated. After action reports, evaluations, and invoices are still being processed. So we are premature for any definitive conclusion about the season at this time. But it’s time to transition into the next annual fire service initiative.

Next is Fire Prevention Week (October 6th-12th). It’s always the week that includes October 9th, the date of “The Great Chicago Fire.” Even though we strive to promote, educate, and advance the successes of fire prevention throughout each year, the National Fire Protection Association and others use this week for additional emphasis. This year’s theme wants everyone to Prevent Kitchen Fires. Many additional activities are planned locally around Oregon this month and fire safety personnel have been working hard in preparation for Fire Prevention Week.

This is a great theme. It puts a single focus on an area of the most frequent home fires. However, year after year, we (the fire service) put out fire prevention messages; we provide free smoke alarms; we provide brochures and media messages; we

“... fire safety personnel have been working hard in preparation for Fire Prevention Week.”
– SFM Mark Wallace



**State Fire Marshal
Mark Wallace**

**Office of
State Fire Marshal**

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Codes & Technical
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Fire & Life Safety Education
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Data Collection & Research
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Emergency Planning and
Response
503-934-8238

Fire & Life Safety
503-934-8256

License & Permits
503-934-8264

Youth Prevention
& Intervention
503-934-8240



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.

see **SFM Wallace** page 3

advocate for fire safe practices, etc. etc. etc. Still, fires in homes (including kitchens) occur all too frequently. Smoke alarms are in too few Oregon homes, or they are found without the needed batteries and fail to function. Sadly, Oregon citizens are still dying in home fires, most recently there were five fire fatalities in one home on September 22 in Pendleton.

Over the summer, hundreds of dry lightning strikes resulted in the ignition of wildland fires in Oregon. Although we have yet to figure out how to prevent dry lightning, fires in structures are different. Other than mechanical failures resulting in an ignition, most structure fires occur as a result of allowing a heat source to come in contact with a fuel source OR not preventing a heat source from igniting a fuel source. Often, kitchen fires are started by a few preventable circumstances, with unattended cooking causing most preventable kitchen fires. Either don't leave pots on the stove when leaving the kitchen, or turn off the stove and take the pan off of the burner while you are gone. Easy to do!

My intent here is not to provide you with a comprehensive list of what to do or what not to do in the kitchen so a fire doesn't ignite. It is, however, to demonstrate that it's relatively easy to prevent the vast majority of kitchen fires. So, **YOU CAN PREVENT KITCHEN FIRES!**

Fire Prevention Week materials available on the OSFM website

Although it might be too late to order the OSFM's Fire Prevention Week toolkit, you can still download it and other materials from our Fire Prevention Week webpage.

The toolkit contains a safe cooking brochure, cooking fire data charts, a safe cooking print ad, radio and TV public service announcements, safety tips for social media, a sample press release, website banner, and more.

If you have questions or need assistance downloading the material, contact Joe Saltarello at 503-934-8366 or joe.saltarello@state.or.us.

EPA, OSHA, and ATF issue advisory on storage, handling, and management of ammonium nitrate

The U.S. Environmental Protection Agency (EPA), the Occupational Safety and Health Administration (OSHA), and the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF) issued a chemical advisory that provides information on the hazards of ammonium nitrate (AN) storage, handling, and management. The action supports the goals of President Obama's August 2013 executive order on "Improving Chemical facility Safety and Security."

The advisory provides lessons learned for facility owners and operators, emergency planners, and first responders from recent incidents involving AN, including the explosion in West, Texas, in order to prevent similar incidents.

"Understanding and minimizing the hazards posed by solid ammonium nitrate used in fertilizers is a key component of this advisory," said Assistant Administrator for EPA's Office of Solid Waste and Emergency Response, Mathy Stanislaus. "In addition, the community emergency planning and response information in this document provides a valuable tool to help protect workers, first responders, and communities throughout the country."

The advisory is part of an ongoing coordinated federal government effort to improve chemical safety with regards to AN and includes information on ensuring proper building design, storage containers, and fire protection at their locations; learning from other accidents; and knowing and understanding the hazards that exist when developing their emergency response plans.

View the advisory and more information on [EPA's risk management program webpage](#).



Oregon Fire Service Conference November 7-9, in Pendleton

The first annual Oregon Fire Service Conference, hosted by the Oregon Fire District Directors Association, will take place November 7-9, 2013, at the Pendleton Convention Center.

Scheduled sessions include Health Care Reform and Effect on Fire Service, Insurance Service Office in Oregon, Oregon Department of Revenue Budget & Finance Workshop, Recruitment & Retention, Volunteer Compensation 360 Report, Finding Value in Your Financial Audit, Reducing Liability/Employee Relations, Preparing for an OSHA Visit, and more.

Lunches and a Vendor Night BBQ are included with the cost of registration. You can get more information and register on the [OFDDA website](#).

Free video available on fire safety for elders

A team of physicians from Oregon Health and Sciences University (OHSU), using a FEMA grant, have collaborated with the International Association of Fire Chiefs, and Meals on Wheels People of Portland to produce a fire safety video for seniors.

The free safety video, along with safety checklists and links to other resources, is available for viewing or downloading on the [SafeElders website](#) or on their [YouTube channel](#).

Producers Diane Elliot, M.D., Esther Moe, Ph.D., and Jennifer Smith, M.P.H., who work in the Division of Health Promotion & Sports Medicine at OHSU in Portland are encouraging fire service partners, and others involved with senior care to promote these free resources through social media or adding a link on your website.

The OHSU also has available a limited number of DVDs with both the 60 second promotional and full safety video and information sheets.

For more information, contact Diane Elliot, MD, OHSU at elliottd@ohsu.edu or 503-494-6554.

Annual executive leadership training set for March 9-14

The Oregon Executive Development Institute (OEDI) is conducting its annual one week executive leadership training for current and future Oregon executives, March 9-14, 2014 at Kah-Nee-Ta Resort and Training Center in Warm Springs, Oregon.

The format is designed as in-residence, in a rural setting with training and networking events extending into the evening to maximize the week-long event.

The training focuses on leadership and executive management issues with an underlying theme of servant leadership.

OEDI has formed partnerships with Oregon universities to offer college credits to attendees for successful completion of the annual session.

Recommended attendees include current and future public safety and military executives/leaders and segments of the private sector, including Higher Ed, having a nexus to public safety.

The \$1,350 fee is an all-inclusive package rate for the session and includes:

- 40 hours of training
- All instructional material, loaded onto a Kindle Fire
- Five nights lodging
- All meals (full breakfast, lunch, and dinner)
- AM/PM breaks each day including coffee, tea service, fresh fruit, and snacks
- Thursday evening banquet dinner and guest speaker
- Special networking events and refreshments
- Use of the fitness center, pools, and other exercise facilities
- Special gift for all attendees

A limited number of scholarships are available and awarded based on need.

Application deadline is February 28, 2014.

[Visit the OEDI website](#) for an application, a scholarship request form, and more information.

DATA Connection

News from the Data Collection & Research Unit
by Program Coordinator Dave Gullede



Have you ever found yourself wondering where you could find fire statistics or the phone number of a local fire department? Could information about determining fire loss or developing standards of cover be helpful? If the answer is yes to any of

these questions, we can help.

The Office of State Fire Marshal (OSFM) Data Collection & Research Unit is a hub of information. We are responsible for gathering, maintaining, and disseminating a great deal of information, some of which can be found on the [OSFM website](#).

The information we maintain online ranges from laws and policies regarding incident reporting, to local fire department contact information, and a list of Oregon fire department websites. There are also several resource materials that include information on developing standards of cover, best practices for reporting fire loss, and guides to assist with incident reporting.

The main focus of the Data Collection & Research Unit is incident reporting. Our work in this area involves ensuring local fire departments submit complete and accurate incident reports. One of the ways we go about this is providing feedback on the reports we receive, to let the reporting departments know how they are doing.

Each month we post year-to-date incident reporting statistics on our [Incident Reporting for Fire Agencies website](#). These reports show how many calls each department has reported to OSFM as well as the department's incident validity rate. The validity rate indicates the percentage of incident reports that have all of the required components filled out. Having a 100% incident report validity rate helps to ensure the highest quality of data.

This is very important because this data identifies the fire problem, which drives education efforts, influences budgeting decisions, and guides legislation and fire code development. At the root of it all,

this data is what helps to keep Oregon's communities safe.

Every year, many Oregon fire departments and organizations apply for grants. The key to a successful grant application is providing solid data-based facts and statistics. The Data Collection & Research Unit's [Reports and Statistics webpage](#) contains a variety of fire statistics. Also on this webpage are links to our annual reports and the information-packed supplements. Both of these documents have changed over the years, becoming more succinct and user friendly. The 2012 Supplement is the first time we provided information in an Excel format complete with tables, charts, and graphs that can be easily copied and pasted.

One of the newest online additions is an Incident Coding Pocket Guide. This document provides guidance on how to properly code some of the most common types of incidents, from bark dust fires to traffic accidents. You can find this and many other helpful reference materials on the Data Collection & Research Unit's [Reference Materials and Forms webpage](#).

Be Part of the Solution!

One of the largest challenges we face is incomplete and inaccurate information, which not only makes it hard for us to be effective in our role, but also hinders others from having accurate information.

You can help us by reporting all of your department's incidents completely and in a timely manner, and by notifying us when your agency's contact information changes. Please take the time to look up the information we have for your agency and make sure it's correct. If you see any discrepancies please let us know right away.

For questions, comments, inquiries, and updates you can reach us at:

OSFM Data Collection & Research Unit
4760 Portland Road NE Salem, OR 97305
(503) 934-8250

(877) 588-8787 (toll free)

osfm.data@state.or.us

NFPA update on sprinkler cost

Last month the National Fire Protection Association released a 2013 update on home fire sprinkler cost assessment. The current study examines 51 homes in 17 communities; the 2008 study examined 30 homes in 10 communities.

The primary purpose of the study is to review current home fire sprinkler system costs against the 2008 benchmark study to gain a better understanding of how increasingly widespread adoption of sprinkler ordinances impacts system costs.

You can view the study on the [research section of the NFPA website](#).

Save the date

What: Oregon Hazardous Materials Response Teams Conference

When: May 13-15, 2014

Where: Seaside Civic and Convention Center

Registration will open in early 2014.

For questions email Jamie Kometz at jamie.kometz@state.or.us

Fire grant update

by Hines Lieutenant/Grant Writer Jonathan Manski

Ah, it's refreshing when the fall change signals that another wildland fire season appears to be behind us. I say thank goodness. We had a close call, as I'm sure many of you did, and some undoubtedly are still dealing with it.

The starting bell for the 2013 Assistance to Firefighters Grant period should begin to ring this month. It's likely that those with previous AFG experience have already prepared their narratives and will be undoubtedly continuing to build on their success.

For those waiting until the grant period's 30 days of being open just to get started, you may be headed for an uphill swim. Some interesting changes will hit the program this year, most notably, Micro Grants, (pay attention small departments), and Regional Vehicles. Do your research.

The statistics from the 2013 Staffing Adequate Fire and Emergency Response grants show a continued downward trend in Oregon submissions. There were 41 applications received, 17 for Hiring and 24 for Recruitment and Retention.

Federal funding requested in these applications ranged from \$12,618, to better than \$4.5 million. In fact, a total of \$21,875,000 was requested from Oregon this year.

Applications were submitted from three career, three all volunteer, one interest group, and 34 combination departments. Fifteen percent of the Oregon applications were double submissions; that is a department who submits in both the Hiring and Recruitment & Retention categories.

Nationally 1,512 applications were submitted. Oregon had 2.7% of the applications and requested 2.6% of the total funding requested.

Next up from the 2013 program is the Fire Prevention & Safety grant. My insiders are betting on a January opening.

Caution though, it isn't all roses. The potential mood slayers; the federal budget, Congress, fur-loughs, and a continuing resolution. Stand-by.

Visit the [FEMA fire grants webpage](#) for more federal grant information.



MEXICO TRIP

RIVER CRUISE

SPORTS MEMORABILIA

HAND MADE QUILT

PENDLETON WHISKEY

OREGON STATE POLICE MEMORIAL

3RD ANNUAL AUCTION

FOR FALLEN TROOPER MEMORIAL

NOVEMBER 2ND, 2013

5PM PORTLAND TO 8PM YACHT CLUB

1241 NE MARINE DRIVE PORTLAND, OREGON

SILENT & LIVE AUCTIONS

RAFFLE ITEMS

FOOD & DRINKS

\$20 PER PERSON

\$200 PER VIP TABLE OF 8

MITCH ELLIOTT MC FOR THE NIGHT

105.1 THE BUZZ

PACKAGES FROM:

CASA CORONA - CHINOOK WIND - BIG AL'S SALISBURY RESORT - PENDLETON WHISKEY OREGON STATE UNIVERSITY & UNIVERSITY OF OREGON MEMORABILIA - MYSTERY RAFFLE BOX WORTH OVER \$2000

FOR MORE INFORMATION, TICKETS OR VIP TABLES PLEASE VISIT WWW.OSPMEMORIAL.ORG OR CONTACT US AT OSPP@FALLENMEMORIALSOCIETY.COM ALL PROCEEDS GO DIRECTLY TO FUNDING AND MAINTAINING THE FALLEN TROOPER MEMORIAL



Peracetic Acid $C_2H_4O_3$

Oregon incident involving Perasan A (contains Peracetic acid)

Description:

- Synonyms: Peroxyacetic acid, ethaneperoxoic acid, acetic peroxide
- Clear colorless liquid with a pungent odor
- In solution with acetic acid and hydrogen peroxide for stability. May include sulfuric acid
- CAS No.: 79-21-0
- EPA Section 302 EHS: 500 pounds
- EPA Section 112_R: 10,000 pounds
- EPA Section 304 EHS: 500 pounds
- OSHA PSM: 1000 lbs Conc. >60% acetic acid

NFPA 704 Information:

- Health: 3
- Flammability: 2
- Reactivity: 4
- Special: OX

Uses and Occurrences:

- Bactericide and fungicide
- Polymerization catalyst for polyester resins

Reactivity and Fire Risk:

- Organic peroxide
- Strong oxidizer
- Flash point: 105 - 133° F
- LEL: 4%; UEL: 19.9% (for acetic acid)
- Autoignition temperature: 392 - 424° F
- Vapor density (air = 1): 1.93
- Specific gravity (water = 1): 1.13 - 1.226
- Boiling point: 221 - 225° F
- Decomposes violently at 230° F
- May explode during distillation, even under reduced pressure
- Readily capable of detonation, explosive decomposition, or explosive reaction at normal temperatures and pressures
- Reacts with metals to form flammable hydrogen gas
- May react with some absorbents
- Explosive in the presence of reducing or organic materials

Health Hazards:

- IDLH: 50 ppm (for acetic acid)
- Probable human oral lethal dose is between 1 tsp. and 1 oz. for a 150 pound person
- Corrosive causes severe chemical burns

Fire Fighting Measures:

- Extinguishing media: Water spray, dry chemical, carbon dioxide, or appropriate foam
- Appropriate chemical protective clothing
- Runoff to sewer may create fire/explosion risk

2008 Emergency Response Guidebook:

- Shipping names: Organic Peroxide type C, D, E, or F liquid
- Hazard Classes: Organic Peroxide (5.2), Corrosive Substance (8)
- UN/NA: 3103, 3105, 3107, 3109; Guide # 145 Organic Peroxides (Heat and contamination sensitive)
- Lg Spill: Initially isolate 800 ft in all directions

Oregon Fire Code: Table 2703.1.1(1)

- Organic Peroxide UD (unclassified detonable)
 - Maximum Allowable Quantities (MAQ) per control area:
 - Unprotected by sprinklers or approved storage cabinets: Not allowed
 - In sprinklered building, not within approved storage cabinets: 1 gallon
 - In unsprinklered building, within approved storage cabinets: Not allowed
 - In sprinklered building, within approved storage cabinets: 2 gallons
 - Group when MAQ exceeded: H-1
 - Note: e and g (g-allowed only with automatic sprinkler system throughout)
- Also see NFPA 1, 400 and 432

Incident Reporting and Information:

- Facilities reporting peracetic acid on the Hazardous Substance Information Survey: four
- Hazardous materials incidents reported in Oregon since 1986: two

References include:

- [Cameo chemicals](#) – Peracetic acid
- [Acros Organics](#) – MSDS Peracetic acid
- [Sigma-Aldrich](#) – MSDS Peracetic acid - (Link select download MSDS)
- [Science Lab.Com](#) – MSDS Peracetic acid
- [EPA List of Lists](#) - October 2012

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

OSFM new employee

Christopher J. Wilkins
Compliance Specialist II
License and Permits
(Cardlock)



Chris grew up in San Diego, CA., and graduated from Mira Mesa High School in 1993.

In September 1993, Chris joined the United States Army and served for twelve years as an ammunition specialist and military police officer.

After his service with the U.S. Army, Chris served for three years as a federal corrections officer in Sheridan, Oregon. He then decided to pursue his educational and career goals by earning an Associate's of Applied Science Degree (AAS) in Paralegal/Legal Studies and a BS in Business Administration and Management from Pioneer Pacific College.

During college, Chris worked for Oregon State Board of Nursing as an Investigator II, then joined the United States Department of Labor, where he used his legal and business knowledge to enforce federal labor laws.

Chris brings with him the ability to motivate a team and to participate collaboratively with others in achieving the agency's mission.

"I am very thankful to have become a member of the Oregon State Fire Marshal's Office. I hope that my high energy level and drive to complete assignments with top-notch efficiency will contribute to the agency's mission and goals."

Free incident commander course in October

Oregon Emergency Management and the Department of Public Safety Standards and Training will host an EMI sponsored regional offering of a L-950: ICS Position Specific All Hazards Incident Commander course, October 21-25, 2013, at the Public Safety Academy in Salem, Oregon. Visit the [DPSST training webpage](#) for more information.

Free wildfire safety DVD available from NFPA

Before the Smoke! Preparing Your Community for Wildfire DVD focuses on how small and volunteer fire departments in wildfire-prone areas can learn to effectively protect their communities even with limited resources.

The DVD highlights the work and outreach of three local fire departments whose ongoing relationship with their residents allowed them to implement creative ways to reduce the risk of wildfire damage to their communities. The DVD discusses the benefits of Fire Adapted Communities®, Firewise®, and Ready, Set, Go! programs.

The DVD and other resources are available for free through [NFPA's wildfire safety online catalog](#).

In memoriam

A.J. "Jack" Stein
1921-2013

Jack Stein became the Fire Chief for the Dallas Volunteer Fire Department in 1965. He oversaw the building of the new Dallas Fire Station which was dedicated on July 28, 1973. Jack was a dedicated member of the Dallas Volunteer Fire Department and retired in 1982. The current training site was named in his honor after his retirement.



Stein graduated from Canby Union High School in 1940. He worked in Amity in the grain elevators and later at the Portland ship yards. He married June Hampton on April 8, 1950 in Oregon City. Prior to settling in Dallas, Oregon in 1959, Stein and his wife lived in Canby where he served as a volunteer fire captain.

Memorial contributions may be made to the Dallas Volunteer Fire Department in care of [Dallas Mortuary Tribute Center](#).