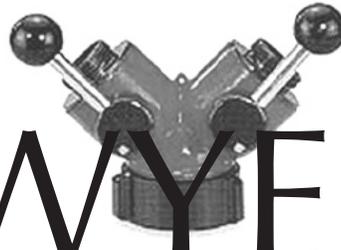


GATED WYE



September 2009 · Oregon Office of State Fire Marshal · 4760 Portland Road NE · Salem Oregon 97305-1760 · No. 308

Governor proclaims September Campus Fire Safety Month

In support of the national campaign, Governor Ted Kulongoski has proclaimed September as Campus Fire Safety Month in Oregon.

The Governor's proclamation encourages local fire departments and districts, colleges, and other safety organizations to review the plans and programs they have to reach the diverse group of college students in their community.

Since January 2000, 134 students have died in campus-related fires, according to Campus Firewatch. More than 80 percent of those deaths were in off-campus housing. Four common factors in these deadly fires were a lack of automatic fire sprinklers, missing or disabled smoke alarms, careless disposal of smoking materials and impaired judgment from alcohol consumption.

More facts and resources are available at www.campusfire-safety.com and www.campus-firewatch.com.

Raising the bar on campus fire safety

by Corvallis Fire Prevention Officer Jim Patton

Over 18,000 students will return this fall to the Oregon State University (OSU) campus. This is a huge increase in population of Corvallis and a big increase in the residential fire danger as students fill up off-campus housing.

The Corvallis Fire Department takes an active role in educating students, faculty and staff at OSU. Our efforts include: resident hall advisor & fraternity/sorority fire academies, a sorority/volunteer firefighter smoke alarm canvassing campaign in neighborhoods around OSU, multi-faceted training for all food service employees, attendance at numerous information fairs and other campus events, and we hold a fire safety event on the campus quad, and many other efforts.

I am very familiar with some of the unique challenges a university poses to a community:

- State universities can be exempt from local jurisdictions.
- Campuses may have many aging buildings and other facilities.
- Research labs with chemicals and hazardous materials.
- Students live in large high-rise buildings, some with less than adequate fire protection features.
- Risky behavior by students such as smoking and alcohol use.
- Off-campus housing where students live in rooms not intended for sleeping and that lack adequate escape windows and other safety features.

In an effort to address some of these issues the Oregon Life Safety Team (OLST) has established a campus fire safety subcommittee to assist campus communities. Some of the subcommittee's goals include:

- Create a listserv or email group of fire jurisdictions and campus fire safety professionals for networking and information sharing.
- Provide web-based resources, and information for fire and campus safety professionals. This is currently available at: http://www.oregon.gov/OSP/SFM/CommEd_Campus.shtml.

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From the desk of the State Fire Marshal



“Although ultimately home fire safety is about personal responsibility, I also know that we need to be sure we fulfill our role in fire safety education.”

If it's predictable, it's preventable

Recently, another Oregonian lost his life in a tragic fire. In early August, an 84-year-old Klamath Falls man died when the cigarette he was smoking in bed ignited his mattress. The man was also using medical oxygen. Although the home had six smoke alarms, one was disconnected and the other five did not have batteries.

Given all the criteria, this was a predictable outcome to a preventable event. But preventable – how? As all of us know, prevention begins with education.

I don't know if the victim knew how dangerous it was to smoke in bed. Or if he knew the dangers of smoking while using oxygen. And did he realize the increased risk he and others in the home faced by not having working smoke alarms? Maybe the victim did know these things but chose to ignore them or not to act.

Although ultimately home fire safety is about personal responsibility, I also know that we need to be sure we fulfill our role in fire safety education. As we move to the beginning of another school year we have more opportunities.

Governor Kulongoski has proclaimed September as Campus Fire Safety Month in Oregon. Many other states have done the same. The U.S. Senate has also designated September as National Campus Fire Safety Month. The national effort establishing Campus Fire Safety Month began in 2000 after a dorm fire at Seton Hall University killed three students and injured 62 others.

Educating students on fire safety is important at all levels, but especially at the college level because this age group has made the transition from child to adult and now bears a personal responsibility for fire safety.

I encourage all of us in the fire service to ramp up efforts to educate students young and old and remind them how to be fire safe and the personal responsibility they have for protecting themselves, their family and friends from fire.



State Fire Marshal Randy Simpson

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Firesetter Intervention
ext. 230

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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.

Simpson photo courtesy of ODOT Photo and Video Services.

Training and name set for new response reporting system

Oregon Fire Bridge™ is the name of the new web-based Oregon response reporting system, and the Office of State Fire Marshal has scheduled eleven training sessions around the state for departments to learn the new program.

Attending this training is extremely important because as of January 1, 2010, OSFM will only accept data submitted through the new Oregon Fire Bridge™ web-based reporting system. Departments using third party vendors can upload their files into the new Oregon Fire Bridge™ system. Submitted data helps determine OSFM programs and goals and allows your department to qualify for federal grant opportunities. The free Oregon Fire Bridge™ training is scheduled for October and November.

Topics covered in each 5-hour train-the-trainer session include:

- Entering fire, juvenile, hazmat, and other incident information
- New Oregon standards and reporting requirements

- Expectations of documentation
- Determining required data elements
- Creating favorites for easier data entry.
- Uploading third party vendor information and text files.
- National Fire Incident Reporting System Codes
- Short cuts
- Printing
- QA/QI
- Staff Records
- Standard reports
- Graphs
- Ad hoc Reporting

The OSFM requests fire departments and districts to send a representative who will serve as that department's trainer. Visit <http://egov.oregon.gov/OSP/SFM/Training.shtml>.

To register, email your desired training date, name, position, and contact information to Claire McGrew at claire.mcgreg@state.or.us.

OSFM thanks departments for going door-to-door

The Office of State Fire Marshal sincerely thanks fire departments and districts that completed door-to-door smoke alarm campaigns during the 2007-09 biennium. Your efforts helped us surpass our goal of 56 campaigns statewide. Due to programs like yours in the past two years, more than 3,400 smoke alarms were installed in homes across Oregon.

For a list of departments that conducted campaigns, please visit http://www.oregon.gov/OSP/SFM/SA_Campaign_List.shtml.

If your department or district has not conducted a campaign and is interested in participating in a smoke alarm campaign workshop you can sign up at <http://www.oregon.gov/OSP/SFM/Training.shtml>.

If you have questions, please contact Stephanie Stafford at 503-934-8245 or stephanie.stafford@state.or.us.



The Oregon Fire Service Honor Guard and The Department of Public Safety Standards and Training Cordially invites you to attend the Oregon Fallen Fire Fighters Memorial Ceremony September 17, 2009 at 1:00 p.m.

The Memorial will be held at the Oregon Public Safety Academy 4190 Aumsville Highway SE Salem, Oregon 97317



Protocol: Uniform (Class A preferred). Memorial bands should be worn over badges.

For additional information, please contact Julie Olsen-Fink at (503) 378-2297.

Use of OSFM's iLearnOregon grows

Members of the fire service, along with other outside agencies and Office of State Fire Marshal (OSFM) employees are realizing the benefits of using iLearnOregon, the OSFM's new online learning management system.

The OSFM began using iLearnOregon to improve training records management and course enrollments. Additionally, individuals registering with iLearnOregon can access their transcripts and learning plans.

As the iLearnOregon system expands, participants will be able to take online courses and tests to enhance their professional development. Using iLearnOregon, students and instructors can communicate via blogs, collaboration spaces, and email and be able to upload documents, view rosters, and update evaluation surveys.

These abilities benefit students and instructors by allowing students to train and test at their convenience and reduce costs associated with travel and training facilities.

Currently, fire service members can use iLearnOregon to take the Basic Mechanical Code test and register for classroom courses including Fire Plans Examiner, Company Inspector, Fire Code Amendment, and Fire and Life Safety Awareness. If you already have an iLearnOregon account, you can logon at <https://iLearn.Oregon.gov>.

To create an account and access the iLearnOregon user guide, visit http://www.oregon.gov/OSP/SFM/FLS_New2007.shtml#iLearn_Oregon.

The OSFM also plans to add the following Fire and Life Safety courses online:

- Fire & Life Safety Awareness I & II
- Basic Mechanical Code
- Basic Building Code

Also scheduled to be added are 13 different tests from the License and Permit Section.

For more information, contact OSFM Training & Development Specialist Anita Horsley at 503-934-8249 or email anita.horsley@state.or.us.

Wildfire school trains structural firefighters

The Central Oregon Wildfire School is now in its 11th year of providing wildfire training to hundreds of structural firefighters. This year nearly 100 firefighting personnel and 20 engines participated, which included live fire training exercises southeast of Madras, Oregon. The school is an interagency effort between the Central Oregon Fire Instructors Association, U.S. Forest Service, Bureau of Land Management, and Oregon Department of Forestry.

Trainees attend classroom training, practice dry course revolutions, and engage in live fire exercises. Using available grassland provides trainees with open space and fine fuels for conducting a safe and realistic experience of working in a wildland fire setting.

photo by Jeffrey Bell



After completing training, structural engine companies are ready to help fight wildland fires in the urban interface at their home units and when dispatched to other areas under the State Conflagration Act.



photo by Jeffrey Bell

For more information on the Central Oregon Wildfire School, contact Bob Sjolund, Redmond Fire & Rescue at 541-504-5007 or email robert.sjolund@ci.redmond.or.us.

Campus

continued from page 1

- Sponsor a Fire Wise Campus workshop in spring 2010 for fire service and campus safety professionals.

As the chairman of the OLST subcommittee, I encourage fire departments with college campuses in their jurisdictions to participate in these opportunities by joining the listserv, email group or the OLST Campus Fire Safety subcommittee. You can contact me at 541-766-6903 or email jim.patton@ci.corvallis.or.us.

LEPCs to get more training and resources

As the current Hazardous Materials Emergency Preparedness grant comes to a close, the Office of State Fire Marshal is using remaining funds for new training and to develop public education material for Oregon's Local Emergency Planning Committees (LEPC). Projects include:

- Computer Aided Management of Emergency Operations (CAMEO) training customized for LEPCs. CAMEO can be used to identify 'worst case scenarios' for hazardous materials releases and help identify community areas at risk of exposure by nearby facilities possessing hazardous substances. Although geared toward LEPCs, training is open to anyone.
- An Advanced HazMat Life Support (AHLS) class, aimed at EMTs, emergency room physicians, and nurses. AHLS provides the knowledge and skill to quickly determine toxic agents, symptoms and treatment. The class is open to any EMT, nurse, or physician in Oregon.
- Developing a variety of promotional and educational materials for LEPCs. This effort allows LEPCs easy access to free materials with unified statewide messages. The materials will enhance the LEPCs' public education message informing citizens about protecting themselves and their families from hazardous materials releases.

For more information contact Terry Wolfe at 503-934-8219 or email terry.wolfe@state.or.us.

Fire grant update

by Hines Firefighter/Grant Writer
Jonathan Manski



Finally, some action in the Fire Act Grant process, but these program updates are subject to change, delay, or some variation. Remember, the end of the federal government fiscal year is September 30 and the posting of the upcoming budget and authorizations is usually painfully slow. This will continue some of the delays in issuing direct deposit forms (1199a) and award notifications in all grant programs.

FY 2009 Station Construction Grants should be announced this month. Since this one-time grant was tied to the economic stimulus, Congress must re-authorize it to continue it next year.

The Baker City Fire Department received an award announcement from the 2008 Fire Prevention & Safety Grant (FP&S); they are the only Oregon department to get good news so far. With two-thirds of the funding awarded, only a couple more rounds are left in this program, so things are starting to look disappointing for the 43 other Oregon applications. The 2009 FP&S grant application period should be coming online in October.

The 2009 AFG has one more round of peer reviews scheduled the second week of September with about 2,500 applications left to review. This should be the 3rd and final review. Rumor has it that verification of the first of the 1199a forms may start about the same time. That means awards may start in early November.

About 120 awards remain in the 2008 AFG program, giving hope for those of you that received the 'if funding becomes available' denial letters. A late 41st round award to Hoodland Fire District #74 for more than \$188,000 is welcome news for them. Nice work!

Lastly, the 2009 Safer Grant is facing a significant rewrite due to Congressional changes to the program. Look for this program to start in late November or December.

For the latest information on FEMA grant programs visit www.firegrantsupport.com.

Twenty students complete firesetter intervention training

Dr. Timothy Kopet from the FireSafe Children and Families Program, teamed with OSFM Juvenile Firesetter Intervention Coordinator Judy Okulitch, to deliver the National Fire Protection Association Juvenile Firesetter Intervention Specialist I class in June at the Department of Human Services in Coos Bay. The class was hosted by the Coos County Juvenile Firesetter Intervention Network chaired by Toni Smith.

Attendees represented a variety of disciplines: fire service, law enforcement, juvenile justice, child welfare, and mental health. Dr. Kopet delivered a session for mental health providers on assessment and treatment of special needs youth. District Attorney Karen McClintock added information on legal issues in citing youth with fire offenses.



Dr. Timothy Kopet, (front row, at left in blue shirt) stands with Juvenile Firesetter Intervention Specialist 1 graduates.

For fire departments, districts, or other agencies wishing to host this training, contact Helen Feroli at 503-934-8240 or email helen.feroli@state.or.us.

Training available for community door-to-door smoke alarm program

The Office of State Fire Marshal (OSFM) is hosting monthly workshops for Oregon fire service members on conducting community door-to-door smoke alarm campaigns. The two-hour workshops (10:00 a.m. – noon) are held the third Thursday of each month at the OSFM office in Salem. The workshop is free and covers implementation of all phases of the model community door-to-door smoke alarm campaign.

The campaign kit includes step-by-step instructions for campaign planning, recruiting community partners, and campaign implementation and evaluation as well as material templates.

Attendees will learn the elements of the kit, how to identify steps of a successful campaign, and develop an action plan for conducting their own campaign. Each attending organization committing to conducting a door-to-door campaign may receive up to 50 free smoke alarms and up to \$250 for campaign expenses.

In 2008, fire departments and districts installed more than 2,000 smoke alarms statewide and the OSFM awarded nearly \$9,000 for campaign expenses.

To register or for more information, visit http://www.oregon.gov/OSP/SFM/Training.shtml#OSFM_Training_Opportunities. Or contact Colleen Olson at 503-934-8228 or colleen.olson@state.or.us.

State adds new hazmat team members

Fourteen fire service members from throughout Oregon completed the Office of State Fire Marshal 4-week Hazardous Materials Technician training in August. The first two weeks involves 80 hours of classroom instructions and the second two weeks is spent on scenario-based training. The firefighters are now qualified to respond to any hazmat incidents with their state team. Oregon has 14 regional state hazmat teams with 220 members.



Hazmat training graduates from left to right, back row: Hazmat Team 6 - Pete Neal, Chris Fukai, Ryan Klosterman, James D. King, Chris Burchard; Portland Airbase Fire - Jason McClellan, Matt Joens, Jon Waynes, Craig Thomas, Morgan Hall. Front row: Hazmat - 13 Micah Shelton, Greg Sanberg; Hazmat 11 - Brett Bishop; Hazmat 14 - Casey Wilber.



Arsenic Trioxide As_2O_3

Description:

- Arsenic trioxide, Arsenic (III) oxide,
- arseneous oxide, white arsenic
- CAS NO.: 1327-53-3
- Odorless white powder
- Acute Health Hazard; Chronic Health Hazard
- DOT Hazard Class: 6.1; UN/NA: 1561
EPA Extremely Hazardous Substance (EHS)
at 100/10,000 lbs.

NFPA Information:

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

Uses and Occurrences:

- Volatile by-product of processing other ores
- Glass production
- Electronics
- Pharmaceuticals (organoarsenic
chemotherapeutic compound)

Reactivity and Fire Risk:

- Non-flammable
- Stable under normal conditions of use and storage
- Incompatibles include: oxidizers, acids, bases, zinc filings, mercury, sodium chlorate
- Emits toxic fumes of arsenic when heated to decomposition
- Use extinguishing media appropriate for surrounding fire

Health Hazards:

- OSHA Permissible Exposure Limit (PEL): 10ug/ m^3 Time Weighted Average (TWA)
- National Toxicology Program (NTP) Eleventh Report part A known to be human carcinogen arsenic compounds, inorganic
- May be irritating to the eyes with itching, burning, watering and could cause damage to the conjunctiva
- May be irritating to the skin with redness, itching, and pain
- May be harmful if absorbed through the skin
- Inhalation may result in restlessness, cyanosis, pulmonary edema

- Ingestion may cause vomiting, low blood pressure, convulsions and coma
- Repeated exposure can cause cardiovascular, liver, and kidney damage
- Immediately Dangerous to Life or Health (IDLH) 100 mg/m^3
- Highly toxic; Oral LD50: 14.6 mg/kg (rat)

Personal Protective Equipment:

- Emergency responders should use Self-Contained Breathing Apparatus and full protective equipment
- Use local exhaust ventilation or other engineering controls to stay within PELs
- Wear chemical resistant gloves, clothing, splash goggles
- Use an approved respirator if appropriate

Inspection and Storage Tips:

- Keep container tightly closed
- Keep in a cool, dry, well-ventilated area
- Protect against physical damage
- Store away from incompatibles
- Do not store above 75.2° F

2007 Oregon Fire Code Information:

- Highly Toxic
- Maximum Allowable Quantities (MAQ) per S occupancy control area:
 - Unprotected by sprinklers or approved storage cabinets: 10 lbs
 - In sprinklered building, not within approved storage cabinets: 20 lbs
 - In unsprinklered building, within approved storage cabinets: 20 lbs
 - In sprinklered building, within approved storage cabinets: 40 lbs

Incident Reporting and Information:

- There is one facility in Oregon currently reporting arsenic trioxide on the Hazardous Substance Information Survey
- There have been no hazardous materials incidents reported in Oregon since 1986 involving arsenic trioxide

For questions or suggestions contact HazMat Information Specialist Alec Carte at 503-934-8262, or email aleta.carte@state.or.us

New materials available for Fire Prevention Week 2009

October 4 - 9 is Fire Prevention Week 2009 and the OSFM has two new brochures available to support this year's theme 'Stay Fire Smart! Don't Get Burned.' This year's theme focuses on ways to keep homes fire safe and prevent painful burns. The OSFM materials are available free.

The Oregon Burn Center reports in a typical year:

- 60% of their patients are adult males (ages 18-105), who are burned using gasoline/ other ignitable (flammable) liquids on trash, debris, or camp fires & barbecues.
- 30% of their patients are children under age 5, who suffer scald burns usually from hot coffee, tea, or food.

To assist with reducing these painful burn injuries the Office of State Fire Marshal has created two new brochures focusing on gasoline safety and cooking/scald safety.



Other home fire safety materials are also available to help departments and districts with successful Fire Prevention Week activities. These include:

- NEW! Smoke Alarm brochure
- Home Fire Safety Checklist
- Individual safety cards covering cigarette, candle, electrical, combustibles too close, untidy home, and kids experimenting with fire. These cards are available in English and Spanish and posters in Spanish
- Home fire escape plan and smoke alarm testing flyer



To order or view materials, visit www.oregon.gov/OSP/SFM/FPW_2009.shtml or contact Candice Clark at 503-934-8266 or visit us at 4760 Portland Rd. NE, Salem, OR 97305.

For questions, contact Stephanie Stafford at stephanie.stafford@state.or.us or 503-934-8245 or Candice Clark at candice.clark@state.or.us or 503-934-8266.

OSFM recognitions



Supervising Deputy State Fire Marshal Dave Jones presents Philomath Fire Marshal Ray Hubbell with the Oregon Fire Marshal recognition with Fire Plans Examiner endorsement, August 3rd.



Supervising Deputy State Fire Marshal Dave Jones presents Tualatin Valley Fire & Rescue Captain/ Deputy Fire Marshal John Dalby with the Oregon Fire Marshal recognition with Fire Plans Examiner endorsement, August 6th.

Also on August 12th, Albany Fire Department Lieutenant Don Schilies was presented with the Fire and Life Safety Specialist 1 recognition. *No photo available.*