

**Oregon Society for Healthcare Engineering**  
**33rd Annual Fall Conference**



**September 29 – 30, 2016**  
***Golf Tournament: September 28***

***“Creating Smart & Healthy Buildings”***



*Offering \_\_ Continuing Education Hours*

**Chinook Winds Casino Resort**  
**Lincoln City, Oregon**

**Event Sponsors:**



## PROGRAM SCHEDULE

### Wednesday, September 28, 2016

- 9:00 am – 3:00 pm **Golf Event (Shotgun Start)**  
Chinook Winds Golf Resort
- 12:00 pm – 4:00 pm **Technical Exhibitor Move In**
- 5:00 pm – 7:00 pm **Welcome Social & No-Host Bar**  
Takelma/Mikonotunne/Nehalem Rooms

### Thursday, September 29, 2016

- 7:00 am – 7:45 am **Breakfast Buffet /Exhibit Hall & Networking**  
Takelma/Mikonotunne/Nehalem Rooms
- 7:00 am – 12:00 pm **Registration/Check-in**
- 7:00 am – 8:00 am **Technical Exhibit Hall Opens**
- 8:00 am – 8:30 am **Welcome & Opening Ceremony**  
*Greg Parks, OSHE President, Facility Services*  
*Manager, Legacy Emanuel Medical Center*  
Takelma/Mikonotunne/Nehalem Rooms
- 8:30 am – 9:30 am **“Creating Quiet Hospitals”**  
*Basel Jurdy, Acoustic Principal, Stantec*  
Sixes & Molalla Rooms
- Quiet hospitals are desirable for patient and staff environments. Creating a quiet hospital starts with design and continues with the operation and utilization of the hospital. Although guidelines are in place to provide direction for design, in-hospital studies show that more work is needed to achieve a quieter environment. Basel will discuss the complete cycle necessary to design and operate the quiet hospital. It will present case studies from operating hospitals and shed light on further efforts needed beyond the guidelines.
- 9:30 am – 10:00 am **Break/Exhibit Hall & Networking**  
**Door Prize Drawings**  
Takelma/Mikonotunne/Nehalem Rooms

## BE SURE TO VISIT OUR EXHIBITORS

Advanced Entry Systems  
Advanced Technologies Group, Inc.  
Air Filters Northwest  
ASSA ABLOY Entrance Systems (BESAM)  
ATS Facility Systems  
BeaconMedaes  
BELFOR  
Braley-Gray  
Camfil USA  
Cole Industrial, Inc.  
Columbia Roofing & Sheet Metal  
EMERSON NETWORK POWER  
EQ2  
Forbo Flooring Systems  
Forensic Analytical Consulting Services  
Gem-Loc  
Graybar  
Hill-Rom  
Honeywell Building Solutions  
JH Kelly  
MacDonald-Miller Facility Solutions  
Mazzetti  
McKinstry  
Modular Services Company  
Northstar Chemical  
Northwest Control Company  
NorthWest Engineering Service, Inc.  
Pacific NW Regional Council of Carpenters  
Pacific Power Group  
PBS Engineering & Environmental Inc  
Peterson Power Systems  
Proctor Sales Inc.  
Siemens  
SimplexGrinnell  
Specified Technologies Inc.  
Sunbelt Controls  
TSIG Consulting  
WEST-COM & TV, INC

**Many thanks to our supporters!**  
**Conference & Golf Tournament Sponsors:**



10:00 am – 11:00 am

**“Safely Exhausting Construction Air into the Environment of Care”**

*John Martinelli, Healthcare Practice Director. FACS Sixes & Molalla Rooms*

When doing indoor renovations, construction projects often need to exhaust air from the work area to get negative pressure but cannot exhaust to outdoors. This session will guide Engineers on how to support the pre-construction risk assessment process and discuss benefits and limitations of several indoor exhaust location options. We will also discuss methods available to test the indoor environment before, during and after construction to validate the effectiveness of the options selected.

11:00 am – 12:00 pm

**“Using Incentives and Training to acquire Energy Savings and Improved Workplace”**

*Karen Chase and Egan Bull, Energy Trust of Oregon Sixes & Molalla Rooms*

This presentation explains Energy Trust of Oregon’s role in helping healthcare facilities save energy, reduce utility costs, and improve building functions, and how healthcare staff can participate in available training (Building Operator Certification and Strategic Energy Management) that supports continual improvement.

12:00 pm – 2:00 pm

**Lunch & Networking**

**Door Prize Drawings**

*Takelma/Mikonotunne/Nehalem Rooms*

2:00 pm – 3:00 pm

**“Healthy Buildings Can Equal Healthy Patient and Satisfaction”**

*Cindy Nuesslein, RN, MBA, FACHE, Principal, Mazzetti Sixes & Molalla Rooms*

Implementation of the HCAHPS survey in 2006, patient satisfaction began to have an impact on the hospital’s bottom line, sans the few categories of providers that continue to be exempt. The 32 questions on the survey are driving a significant investment in number of people participating on teams trying to drive performance improvement

and achieve higher “top box” scores. And, although only two of those questions are directly about the condition of the environment, science is demonstrating that the environment has an impact on them all. Understanding the environmental impact and how to improve can create not only a healthier environment but a healthier bottom line.

3:00 pm – 3:30 pm

**Break/Exhibit Hall & Networking**  
**Door Prize Drawings**

Takelma/Mikonotunne/Nehalem Rooms

3:30 pm – 4:30 pm

**“Maintaining Smart & Healthy Buildings: The RCM Approach to Asset Management in Healthcare”**

*Jim Carrel, McKinstry*

Sixes & Molalla Rooms

Engineering your asset management program should include reliability-centered maintenance (RCM), which is more than just a predictive maintenance program, and condition based monitoring (CBM), which leverages the automation technologies already installed to enable data-driven leadership. This session will explore the use of RCM and CBM in the facility asset management program. We will discuss the maintenance techniques used in RCM, how CBM techniques can simplify and reduce cost in a maintenance program, and the return on investment of an engineered asset management program.

5:30 pm – 7:00 pm

**Social/Networking Reception in Exhibit Area**  
**Sponsored by: McKinstry**

Takelma/Mikonotunne/Nehalem Rooms

**Friday, September 30, 2016**

7:00 am – 8:30 am

**Breakfast Buffet /Exhibit Hall & Networking**

Takelma/Mikonotunne/Nehalem Rooms

8:30 am -9:30 am

**“Compliance Strategies for Facility Related Environmental Risks”**

*Ron Petti and Clark Nelson, PBS*

Sixes & Molalla Rooms

Effective project investigation, design, and

construction practices required for safe and healthy project execution in health care facilities. PBS will address commonly overlooked issues that need to be investigated or procedures that need to be addressed in contract documents. PBS will also provide a “rapid fire” regulatory update for common facility related environmental risks and identify compliance methods and effective applications for electronic record keeping.

9:30 am – 10:00 am

**Break/Exhibit Hall & Networking**  
**Door Prize Drawings**

Takelma/Mikonotunne/Nehalem Rooms

10:00 am – 11:00 am

**“The Role of FM in Infection Control to enhance Healthy Hospitals”**

*William Wagner, TSIG Consulting, Inc.*

Sixes & Molalla Rooms

The interaction of the Facility Manager and Infection Preventionist is more important than ever. Their shared challenges are not only associated with staff during clinical, support, and maintenance activities but also the overall management of the systems responsible for maintaining infection prevention and controls. There are specific elements in The Joint Commission and DNV Physical Environment and Infection Control standards that identify this relationship and require compliance, but more importantly, patient safety.

11:00 am – 12:00 pm

**“Oregon Health Authority and FGI Guidelines”**

*Annabelle Henry, OHA; Matt Stormont & John Wood, OSHE/FGI Committee*

Discuss changes at Oregon Health Authority affecting the project submittal & review process. Discuss conversations between OHA, FGI, and OSHE regarding adoption of the FGI Guidelines. Participants are encouraged to ask questions.

12:00 pm – 1:30 pm

**Lunch /Closing Remarks & GRAND Door Prizes!**

Takelma/Mikonotunne/Nehalem Rooms

*OSHE Board Members*