

# 2016 WSSHE Spring Symposium



## ***“HVAC Systems for Patient Centered Care: A Breath of Fresh Air”***

### **Offering 7 Continuing Education Hours**

**Campbell's Inn and Resort - Chelan, WA  
April 20 - 22, 2016**



#### **Wednesday – April 20**

3:00 – 5:00pm **WSSHE Board Meeting**  
– West Room

3:00 – 5:00pm **Meet with DOH Construction Review Services - East Room**

This is a great opportunity for you or your staff to meet with DOH to discuss questions about rules and regulations, future plans for your facility, review of active projects and/or get advice on quick resolution.

Timeslots are available at 30 minute intervals to discuss topics of your choice... and it's FREE! Call Marlei' LaChance at 360-236-2944 to reserve your time.

DOH will also be available Thursday, April 21 9am -4 pm

5:00 – 7:00pm **WSSHE Wheelers Ride Again!**  
– Meet at Campbell's Parking Lot

Join the Wheelers on a 20 - mile flat and leisurely ride up the gorgeous south shore of Lake Chelan. Riders of all abilities are encouraged to join in the fun!

7:00 – 9:00pm **Welcome Reception**  
– Centennial Foyer & Ballroom  
*Sponsored by: Wood Harbinger*

Join the WSSHE Board of Directors for a welcoming reception at Campbell's Inn and Resort. Celebrate WSSHE's 43rd anniversary and the opening of another successful symposium in Chelan!

#### **Thursday – April 21**

10:00 – 4:00PM **Ask DOH Construction Review Services**  
– East Room

Do you have questions about rules, regulations or the construction review process? Have a project you want reviewed? Want to discuss future plans of your facility? Just want to get to know your plan reviewer?

Construction Review Services will have a room set aside and timeslots at 30 minute intervals to discuss topics of your choice. Timeslot reservations will be on a first come first serve basis, spots will be limited, so you may want to reserve your time now by contacting Marlei' LaChance at 360-236-2944.

Application and fee not required for project review.

#### **Thursday – April 21**

7:30 – 8:30am **Symposium Registration**  
– Stehekin Foyer

7:30 – 8:30am **Breakfast Buffet and Networking Opportunity** – Centennial Foyer & Ballroom  
*Sponsored by: Säään Group & Leewens Corporation*

8:30 – 9:00am **Welcome and Introduction**  
– Stehekin Room  
*Rob Pewitt, 2016 WSSHE President*

Rob will provide an overview of WSSHE 2016.

9:00 – 10:00am **Ventilation and Healthcare-Associated Infections: Evidence Based Risk Assessment**  
– Stehekin Room

*Stephanie Taylor MD, M Architecture, FRSPH(UK), CABE CEO Taylor Healthcare Commissioning, Inc. - Stowe, VT*

According to studies by the Institute of Medicine and Centers for Disease Control and Prevention (CDC), at any given time, at least 1 of every 25 hospitalized patients in the United States has a Healthcare-associated infection (HAI), meaning that nearly 650,000 patients contract one of these infections annually. CMS, the Joint Commission and the Washington State Department of Health have taken notice and have are struggling to revise their standards accordingly.

Dr. Taylor will provide a history of infection control measures in hospitals, evolving bugs, sicker patients, stricter legislation on errors, and how management and design of HVAC systems can help reduce the risk for HAIs.

10:00 – 10:30am **Beverage Break and Networking Opportunity** - Centennial Foyer & Ballroom  
*Sponsored by: Stantec*

10:30 – 11:30am      **Healthy, Airside Solutions to Significantly Reduce Your Building's Carbon Footprint**  
- Stehekin Room  
*Gordon Sharp, Founder and Chairman, Aircuity, Inc.*

In the face of significant energy costs and concerns over global warming, buildings are receiving increasing scrutiny to reduce their carbon footprint and cut their energy expenses while still being sustainable and providing a healthy indoor environment. For many healthcare facilities and laboratories, outside air is the largest single driver of both a building's energy efficiency and its indoor environmental quality however the results of using such approaches as demand control ventilation to optimize outside air have been mixed at best. This talk discusses and presents case studies on a new, more energy efficient and healthier approach to demand control ventilation for both commercial, laboratory, and healthcare facilities.

11:30 – 12:30pm      **Luncheon Buffet and Networking Opportunity – Terrace**  
*Sponsored by: Notkin Mechanical Engineers*

12:30 – 1:30pm      **Humidity Management in Health Care Facilities: A Physician's Practical Assessment of Risk**  
- Stehekin Room  
*Stephanie Taylor MD, M Architecture, FRSPH(UK), CABE CEO Taylor Healthcare Commissioning, Inc.*

Dr. Taylor has recently been involved with research studies to understand the relationship between indoor humidity, temperature and airflow and infection control in health care facilities. Learn where we are now, where we should go and how to improve patient outcomes through humidity management.

This research should be valuable in assisting health care facility managers to conduct their own humidity risk assessment.

1:30 – 2:30pm      **Case Study: OR / USP 797 Setback Strategies and Practical Issues – Stehekin Room**  
*Robert Blakey & Tom Nance CBRE – Group Health Cooperative*

Making changes in existing areas with stringent regulatory ventilation requirements is never easy. Why would we tackle such projects? What are the energy and quality implications? What are some of the practical hurdles and challenges that we need to consider in order to achieve success on renovation projects of this type.

2:30 – 3:00pm      **Beverage Break and Networking Opportunity - Centennial Foyer & Ballroom**  
*Sponsored by: Olympia Sheet Metal, Inc.*

3:00 – 4:00pm      **Continuous Control & Management of Pressure Control systems – Best Practices**  
- Stehekin Room  
*Kevin Caskey, InControl, Inc*

In this session, we will review current standards and guidelines for room pressure monitoring in healthcare environments and explore methods for achieving compliance. We will describe some of the options for measuring and tracking room pressure as well as compare installation, troubleshooting and maintenance for those options.

4:30pm - 6:30pm      **The "Barney Richmond Classic" Miniature Golf Outing**  
- The Green on Lake Chelan Putting Course (619 W Manson Hwy, Chelan, WA)

*Sponsored by: Notkin Mechanical Engineers, Air Reps, Aldrich + Associates, Inc, Abbott Construction, Inc., Columbia Roofing & Sheet Metal, ATS Automation, SERVPRO of Seattle NW/Woodinville/Shoreline, McKinstry, PCS Structural Solutions, MW Engineers, OAC Services, Inc., Nalco an Ecolab Company, Air Management Solutions, LLC, Blue Architecture & Apollo Solutions Group*

Enjoy the fun of this WSSHE sponsored miniature golf outing. Players will vie for the coveted WSSHE Green Jacket awarded to the best dressed golfer. This year's theme is "**Most Patriotic**" (more details soon), with the Jacket awarded to the player with the best themed outfit. The miniature golf course is within walking distance from Campbell's Resort. Spouses and friends are welcome.

6:30pm – 10:00pm      **Dinner and Entertainment at the Lake Chelan Winery**  
*Sponsored by: ATS Automation, BNBuilders, Custom Mechanical Solutions, Inc. , Flow Controls, Sellen Construction, Snyder Roofing & University Mechanical Contractors, Inc.!*

Enjoy a WSSHE - sponsored dinner and music including the unveiling of the WSSHE Green Jacket. Lake Chelan Winery is located at 3519 SR 150, Chelan, WA. Bus rides will be provided from Campbell's between 5 p.m. and 10:00 p.m. Spouses and friends are welcome.

## Friday – April 22

8:00 – 8:30am      **Breakfast Buffet**  
- Centennial Foyer & Ballroom  
*Sponsored by: Enginuity Systems, LLC*

8:30 – 9:30am      **Smoke Management for Operating Room Renovations** - Stehekin Room  
*Sandy Bonderman, Sean Riley & Brian Robinett, Notkin Mechanical Engineers*

In this session, learn about the recent changes to smoke management requirements that will affect your facility when renovating an operating room and hear lessons learned from several OR renovation projects. You will be able to identify the key considerations for the mechanical systems during design, through construction, and once the systems are operational. The session will address how to leverage your existing HVAC systems for the renovation, what key design components are necessary so that problems don't occur down the road, and how to ensure that the systems are operated per the design.

9:30 – 10:00am      **Beverage Break and Networking Opportunity** - Centennial Foyer  
*Sponsored by: Fsi Consulting Engineers*

10:00 – 11:00am      **Case Studies from WSSHE Members on Everyday Experiences in Ventilation and Humidity Control** – Stehekin Room

A three - person panel will share their real world experiences with an emphasis on ideas for improvement that you can “take back home.”

Panel Members: *Marnie Boomer, Facility Services Manager Providence Centralia Hospital & St. Peter Property Services*  
*Dan Eagle, Supervisor, Providence Sacred Heart Medical Center*  
*Jeff Fleming, Director of Facilities, Overlake Hospital Medical Center*

11:00 – 12:00noon      **Buffet Lunch and Door Prize Drawing** - Centennial Foyer & Ballroom

The legend of “Red Shoes” continues with many attendees winning a door prize to close out another successful symposium.

12:00noon      **Symposium Adjourns**