

THE REGON DIFFUSER

DECEMBER
2024

THE OFFICIAL NEWSLETTER OF THE ASHRAE OREGON CHAPTER SINCE 1946



President's Address

Hello ASHRAE Dear Oregon ASHRAE Members,

As we head into December, I want to take a moment to reflect on the exciting progress we've made as a chapter and the opportunities ahead. Our collective commitment to sustainability, innovation, and professional growth is stronger than ever.

1. Driving Sustainability Locally: Our chapter continues to lead the charge on energy efficiency and carbon neutrality. With Oregon's ambitious climate goals, ASHRAE's involvement in initiatives like the Zero Carbon Standard is more important than ever. Together, we are helping shape the future of sustainable building practices in our region.

2. Advancing Building Technologies: The integration of smart systems and energy-efficient technologies is transforming the built environment. By embracing advancements like building information modeling (BIM) and advanced controls, we're equipping ourselves to design and operate buildings that meet the needs of tomorrow.

3. Professional Development and Networking: As always, our chapter offers valuable opportunities for growth through technical programs, certifications, and networking events. I encourage you to take advantage of these to deepen your expertise and strengthen connections with peers in the industry.

4. Community Collaboration: Oregon's strength lies in the diversity of our membership and the partnerships we've built across the region. By sharing knowledge and collaborating, we can address the unique challenges we face and continue to drive innovation across the state.

I would also like to remind our membership that come May, the Oregon Chapter will be hosting ASHRAE Region XI's Chapter Regional Conference. This rare opportunity only comes around once every 11 years, so it's particularly exciting for our chapter! We'll be offering a variety of presentations, ranging from technical topics to strengthening soft skills. Interested in becoming a Chapter Officer? Select officer trainings will also be held during the conference. Our partnership with the Construction Specifications Institute (CSI) ensures this will be a valuable event for both local and traveling members. Save the date for May 8th - 10th to attend this special event!

Thank you for your ongoing dedication to our chapter and the broader ASHRAE community. I look forward to seeing you all in the new year.

Warm regards during this cold month,

Elsa Harder
ASHRAE Oregon Chapter President



Upcoming Events:

December 12: ASHRAE Oregon/ AIA /CSI /ASPE /AFO/NOMA **Ugly Sweater Holiday Party**, 5pm-8pm at Blu Dot - 1308 NW Everett St, Portland, OR 97209. FREE (Must Register)

December 12: ASHRAE Cascades Section **Social Event**, 4:30pm, Waypoint Hotel - 1415 NE 3rd St, Bend



Chapter may not act for Society

HOLIDAY EVENT: UGLY SWEATER PARTY

UGLY SWEATER PARTY 2024 - A JOINT HOLIDAY PARTY

WHEN: THURSDAY, DECEMBER 12, 2024

TIME: 5:00PM - 8:00PM

**WHERE: BLU DOT, 1308 NW EVERETT
STREET, PORTLAND, OREGON 97209**

COST: FREE



REGISTER USING THE QR CODE OR
AT:
[HTTPS://WWW.PORTLANDCSI.ORG/
EVENTS/UGLYSWEATER-2024](https://www.portlandcsi.org/events/uglysweater-2024)

Time to Ring in the Holiday Season! Join **Portland CSI, ASHRAE, AIA, and NOMA** for our annual Ugly Sweater Party to celebrate the holidays!

Come out to celebrate the season with your ugliest sweater! Prizes in various categories will awarded by a panel of judges from the member organizations at around 7pm, you must be present to win.

Event registration includes hosted bar, appetizers and entry into the Ugly Sweater Contest!

No Cost to attend, but please register so we know how many people are planning to be there!

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Oregon



CASCADES SECTION

CASCADES SECTION HAPPY HOUR SOCIAL

WHEN: THURSDAY, DECEMBER 12, 2024

START TIME: 4:30PM

WHERE: WAYPOINT HOTEL, 11415 NE 3RD ST, BEND, OREGON 97701

FOOD & BEVERAGES PROVIDED!



We're excited to invite you to a happy hour social hosted by the ASHRAE Cascades Section! Join us for an evening of networking, refreshments, and a look into the future of our Section.

What is the Cascades Section? The Cascades Section is a subchapter of the ASHRAE Oregon Chapter, serving the counties of Crook, Deschutes, Jefferson, Klamath, and Lake, with our headquarters in Bend. Our goal is to support the local building industry and strengthen connections among engineers, contractors, and architects. We're planning technical meetings for 2025 and welcome your input on any topics you'd like to discuss. If you have any questions, please contact Thomas Kelly at thomas.kelly@colebreit.com.



Thomas Kelly
Section President



Kyle Swenson
Section VP/ President-Elect



Jack-Ryan Hilton
Section Secretary



Eric Tabert
Section Treasurer



CALENDAR

Please note that dates/events are subject to change. Calendar will be updated throughout the year.
Please check the chapter website for details and sign up information.

ASHRAE Oregon

December 11, 2024: ASHRAE Oregon Board of Governors Meeting. Hybrid. 4:45pm - 6:45pm.

December 12, 2024: Joint ASHRAE Oregon/AIA/CSI/NOMA/AFO Holiday Ugly Sweater Party at Blu Dot (yes, the furniture store!), 1308 Northwest Everett Street in Portland. 5:00pm - 7:00pm

December 12, 2024: Cascades Section Happy Hour Social. Waypoint Hotel, 1415 NE 3rd St in Bend. 4:30pm

January 2025: Willamette Valley Section Happy Hour Social. Details TBD!

January 8, 2025: ASHRAE Oregon Board of Governors Meeting. Hybrid. 4:45pm - 6:45pm.

January 16, 2025: ASHRAE Oregon Technical Meeting: **"Upcoming Oregon Energy Codes,"** with Marck Heizer, PE, LEED AP (Mechanical and Energy Code Engineer). Time/location TBA.

February 12, 2025: ASHRAE Oregon Board of Governors Meeting. Hybrid. 4:45pm - 6:45pm.

February 20, 2025: ASHRAE Oregon Technical Meeting. **"Building Electrification"** with Rand Conger.

March 12, 2025: ASHRAE Oregon Board of Governors Meeting. Hybrid. 4:45pm - 6:45pm.

March 20, 2025: ASHRAE Oregon Technical Meeting. **"Sustainability"** with Scott Mooney AIA, LEED AP BD+C.

April 9, 2025: ASHRAE Oregon Board of Governors Meeting. Hybrid. 4:45pm - 6:45pm.

April 17, 2025: ASHRAE Oregon Past President's Night.

SPRING 2025: Clay Shooting Event in planning

May 8-10, 2025: ASHRAE Region XI Chapters Regional Conference, hosted by the ASHRAE Oregon Chapter at the Hyatt Regency Portland Convention Center.

May 14, 2025: ASHRAE Oregon Board of Governors Meeting. Hybrid. 4:45pm - 6:45pm.

June 11, 2025: ASHRAE Oregon Board of Governors Meeting. Hybrid. 4:45pm - 6:45pm.

June 12, 2025: ASHRAE Oregon Technical Meeting. Topic/location TBA.

June 19, 2025: Membership Promotion Volunteer Event

SOCIETY YEAR 2025-26

July 24, 2025: ASHRAE Oregon Golf Tournament at Stone Creek Golf Club.

August 2025: ASHRAE Oregon Membership Appreciation Event

ASHRAE Society

December 1, 2024: Nominations Deadline for Distinguished Lecturers, Distinguished Service Award, Exceptional Service Award, Andrew T Boggs Award, Eunice Foote Decarbonization Award, Louise & Bill Holladay Distinguished Fellow Award, 50 Year Member, and 75 Year Member. Scholarship applications due.

December 2-6, 2024: HVAC Design Training Level I . VIRTUAL.

December 9-11, 2024: HVAC Design Training Level II . VIRTUAL.

December 15, 2024: Nominations Deadline for Homer Adams Award.

February 8-12, 2025: ASHRAE Winter Conference and AHR Expo. Orlando, Florida.

May 1, 2025: Nominations Deadline for Fellow, Hall or Fame Award, Pioneers of the Industry Award, F. Paul Anderson Award, Distinguished Public Service Award, and Honorary Member.

June 21-25, 2025: ASHRAE Annual Conference. Phoenix, Arizona.

Industry Partners

December 11, 2024: BOMA Holiday Party. 4:00pm - 6:00pm. Northwest Natural - 250 SW Taylor Street in Portland.

December 18, 2024: ASPE 2nd Annual Holiday Brunch. **"Heat Pump Water Heaters As Part Of Your Decarbonization Strategy"**, with Robbie Svidron (Intellihot). 11:00am - 1:00pm. Jake's Grill - 611 SW 10th Ave in Portland

January 15, 2025: ASPE Technical Meeting. **"Oregon Building Code Update"**, with Andy Skinner (State of Oregon Building Program Chief). 12:00noon - 1:00pm. 10 Barrel Brewing - 1411 NW Flanders St in Portland.

February 16-22, 2025: National Engineers Week!!

May 8-10, 2025: CSI NW Regional Conference at the Hyatt Regency Portland Convention Center.



Did we miss something? If you have an event you'd like added to the calendar, please email dabellone@pwsigroup.com.

2024-25 ASHRAE OREGON LEADERSHIP

Chapter President: Elsa Harder
Vice President/President-Elect: Madeline Giovagnoli
Treasurer: Cassie Kuwahara
Secretary: Ryan Pinckard
Board of Governors: Victoria Ericksen
Board of Governors: John Tijerina
Board of Governors: Rudy Nagasimha

Membership Promotion Chair: Victoria Ericksen
Government Affairs Chair: Athena Edison-Lahm
Research Promotion Chair: Rudy Nagasimha
Student Activities Chair: John Tijerina
Student Activities (K-12): Brett Daniels
Student Activities (K-12): Rae Riddle
CTTC Chair: Eileen Jensen
YEA Chair: Kha Pham
DEI Chair: Hamed Shahrokhian
Honors and Awards: Eileen Jensen

Programs: Madeline Giovagnoli
Special Events Chair: Rosie Welch
CRC General Chair: John Tijerina
Golf Tournament: Cassie Kuwahara / Rosie Welch
Newsletter Chair: Devin Abellon

Cascades Section President: Thomas Kelly
Cascades Section Vice President/ President Elect: Kyle Swenson
Cascades Section Secretary: Jack-Ryan Hilton
Cascades Section Treasurer: Eric Tabert

ASHRAE is a volunteer organization comprised of volunteer members serving the local chapter, region and Society. Our chapter cannot continue to thrive without our volunteers. Volunteering at the local chapter level is a tremendously rewarding way to give back to our industry and is a great way to network with the professionals in our local market. It also provides a wonderful opportunity to develop leadership skills! Many people may be hesitant to volunteer because they don't feel they have the time, but there are a lot of positions that only require a minimal number of hours per month. If you are interested in learning about opportunities to get involved in this dynamic chapter, please reach out to **Elsa Harder** at: eharder@southlandind.com.

We have volunteer opportunities in a number of areas, including:

- Chapter Historian
- Electronic Communications
- Refrigeration
- Sustainability



ANOTHER GREAT VOLUNTEER OPPORTUNITY: 2025 ASHRAE REGION XI CHAPTERS REGIONAL CONFERENCE

As you may know, ASHRAE chapters are organized in regions. There are sixteen regions throughout Society. The Oregon Chapter is part of Region XI, which encompasses the eleven chapters in Washington, Oregon, Alaska and Western Canada. Each spring, Region XI holds a Chapters Regional Conference (or CRC) where the leaders and volunteer members of each of the eleven chapter convene to conduct regional business and plan for the future.

We are excited to be hosting the 2025 Region XI CRC in Portland, **May 8-10, 2025** at the Hyatt Regency Portland Convention Center! This will be a joint event with CSI. This will be a wonderful opportunity to showcase our beautiful city to the rest of the region. Planning is already underway, but we are always looking for volunteers!

There will also be various **SPONSORSHIP OPPORTUNITIES!** Show your support for the local chapter! More information will follow soon, but if you have any questions, please contact CRC General Chair John Tijerina at jtijerina@sazan.com.



COMMITTEE REPORTS

Student Activities



John Tijerina
Student Activities Chair



Rae Riddle
Student Activities
K-12



Brett Daniels
Student Activities
K-12



National Engineers Week Coming: February 16-22!

National Engineers Week is great opportunity to celebrate how engineers make a difference in our world by engaging with students of all ages. It is a tremendously rewarding experience to connect with the future of our industry. If you have school age children, now is a great time to talk to their STEM teachers to schedule a visit to their class. There are a lot of great activities at:

www.discovere.org/programs/engineers-week. If you have any questions, reach out to the ASHRAE Oregon Student Activities Committee!

Treasurer Report



Cassie Kuwahara
Chapter Treasurer

Chapter Balances

Beginning Balance (October 10, 2024): \$71,051.89

Current Balance (October 10, 2024): \$66,236.99

Major Approved Expenses:

- Research Promotion Donation: \$6,100.00

Taxes:

- ASHRAE Oregon's tax return for FY2023-24 was filed before deadline!



Membership Promotion



Victoria Ericksen
Membership Promotion Chair

Membership Metrics - End of November 2024

ASHRAE Membership: **54,324 members**

Region XI Membership: **3,492 members**

- *Note: There are 16 regions in ASHRAE. Region XI is comprised of 11 chapters in Oregon, Washington, Alaska, and Western Canada.*

Oregon Chapter Members:

- **550 members (4 new members / 11 cancellations)**
- **30 student members**
- **New Members:** The ASHRAE Oregon Board would like to welcome **Josiah Sawyer, Logan Ellingson, Turner Anderson, and Joyce McDonald** as new members of our chapter!

If you are not an ASHRAE member, you can join NOW at www.ashrae.org/join. Why join? There are so many benefits, including:

- Access to the latest and best technical information in the HVAC&R industry!
- Reduced meeting fees!
- Free PDH credits!
- Professional development!
- Networking with peers!
- Delicious food from local Oregon catering!
- Bubbly drinks from Oregon breweries!



YEA

Young Engineers in ASHRAE



Kha Pham
YEA Chair

**Joint ASHRAE Oregon/AIA/CSI/NOMA/AFO Holiday Ugly Sweater Party at Blu Dot
1308 Northwest Everett Street in Portland. 5:00pm - 7:00pm**

Get ready for our annual **Ugly Sweater Party** on **December 12**. Join us for an evening of fun, networking, and holiday spirit as we celebrate the season together. Don't miss the chance to connect with fellow professionals and showcase your best (or worst) ugly sweater! All the details can be found on the flyer on Page 2. Don't forget to register!!

WILLAMETTE VALLEY SECTION UPDATE



The Willamette Valley Section of the ASHRAE Oregon Chapter was formed during the 1990-1991 Society Year, and has been instrumental in increasing participation and providing networking/professional development opportunities for those members outside of the Portland metropolitan area. Over the years, the section - based primarily in the Eugene/Springfield area (but also serving members from Salem to Medford) - has hosted monthly meetings and events, and has also helped support the student members at the University of Oregon and Oregon State University.

Recently, the members within the section have been underserved. We would like get things back on track in 2025. We are planning an informational happy hour in the Springfield/Eugene area in **January**. If you have volunteered with the Willamette Valley Section in the past and/or are interested in volunteering in 2025, please reach out to Devin Abellon, at dabellon@pwsigroup.com. Thank you!

Happy
Birthday!

December Birthdays

William E Brookhart
Robert G Davis
Roderick G McLeod
Jackson P Schenck
Roy M Steege
John A Talbott
Paul M Williams
Neil B Smith
Edward A Carlisle
John M Walters
Brian R Stanfill

Byron L Ramos
Stephen L K Ku
Maurice E P Gunderson
Mariana Galofteanu
Bret H Davis
Naji A Saad
Adam E Mangrich
Christopher M Boyd
Joe Gamble
Christine Nan Flyte
Doug Giese
Varun Sood
Benjamin Latson

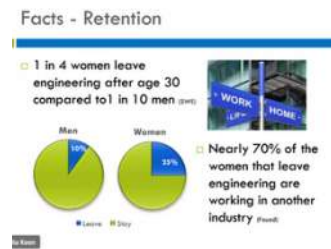
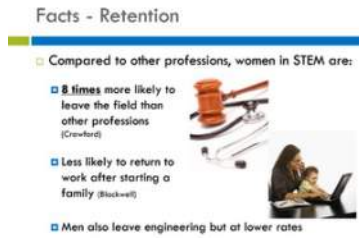
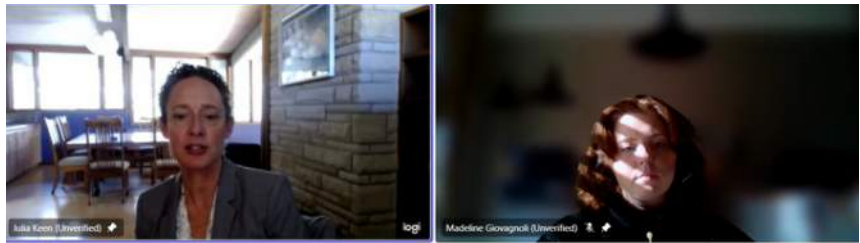
Graham Scott Wright
Noel Tavan
Brett Showers
Steve Leeb
Ian J Bickford
Korey Watts
Kwok Lung Lai
Matt McCormick
David Joseph Pasun
Ali Mohana Al-Dossary
Maille S Ryan
Alexander C Hilton
Katie Braman

NOVEMBER TECHNICAL MEETING



Madeline Giovagnoli
Vice President / President-Elect
Programs

The ASHRAE Oregon Chapter held its November technical meeting (“**Targeting Success - Improve Employee Satisfaction, Retention, and Profit**”), and welcomed Julia Keen as the keynote speaker. Julia, an ASHRAE Distinguished Lecturer and a dedicated advocate for workforce development, presented on the critical topic of workforce retention of women in engineering. We hosted our meeting fully-remote and had lively discussion following the presentation about common challenges women in engineering face, the importance of organizational commitment to diversity, equity, and inclusion, and ASHRAE’s role in advocacy.



Facts - Retention

- Retention is not a women issue is an employer issue
- Cost of losing an employee
 - Training
 - Recruitment
 - Knowledge, relationships, & skill

DEI

Diversity, Equity and Inclusion



Hamed Shahrokhian
DEI Chair

As noted above, Julia Keen’s virtual seminar on Targeting Success prompted a lively discussion about common challenges women in engineering face, the importance of organizational commitment to diversity, equity, and inclusion, and ASHRAE’s role in advocacy. At the Society level, ASHRAE has a Board Advisory Subcommittee on DEI. At the Regional Level, we have a Regional DEI Chair (Region XI: Sierra Spitulski - Puget Sound Chapter). At the chapter level, Hamed Shahrokhian serves as our new DEI Chair for the ASHRAE Oregon Chapter.

We are currently planning events focused on DEI, with the main goal to ensure a welcoming and inclusive culture within the chapter. If you have any suggestions, please reach out to Hamed at hamed.shahrokhian@gmail.com. As we discussed during Julia’s presentation, we recognize that significant challenges still exist for females within our industry. We would like to create a supportive and welcoming community to have open discussions about these challenges. If you would like to help plan and/or participate in future **Women in ASHRAE** events/initiatives, please contact Madeline Giovagnoli at madeline.giovagnoli@pae-engineers.com.



Madeline Giovagnoli



SOCIETY NEWS



2025 ASHRAE WINTER CONFERENCE

ORLANDO, FEB 8-12 | AHR EXPO, FEB 10-12



The ASHRAE Winter Conference and AHR Expo Returns to Orlando, February 8-12

Mark your calendars now for the Winter Conference!! The Conference will include technical presentations, technical committee meetings, Standards meetings, standing committee meetings and networking events. Hotel rooms are booking fast! Scan the QR code below for all the details!



CHAPTER POLL: WHAT'S IN STORE FOR 2025?

Poll Questions:

As we wrap up 2024, it's time to start thinking about what's in store for 2025. We have TWO poll questions this month:

Poll Question #1: The new year represents a fresh start - a time for resolutions. *What is your New Year's Resolution for 2025?*

Poll Question #2: *What trend or factor will have the biggest impact on our industry in 2025?*

Send your answers to Devin Abellon at dabellon@pwsigroup.com no later than **December 20th**. We'll publish the results in the January 2025 issue. All respondents will be entered into a random drawing for a prize pack!



HISTORY CORNER

As we enter the holiday season, we take a look at how the ASHRAE Oregon Chapter celebrated the holidays back in 1996. Excerpt from the January 1997 Oregon Diffuser, written by Kevin Marple:

The Christmas Home Coming meeting was held at the Hi-Hat Restaurant in Tigard. There was a surprise visit by Mr. and Mrs. Santa Claus. They presented gifts to all of the officers and candy canes to all of the members and guests in attendance. Too bad Keith and Elizabeth weren't there to receive theirs. Noel Taucher of Oregon Air Reps and Tony Koch of OHSU spoke on the subject of hospital isolation room control and guidelines.



Reading of the minutes



Mark presenting Keith with presidential pin



Mr. ? & Mrs. ? Claus



Mrs. Claus?



Speaker Noel Taucher of Oregon Air Reps



Speaker Tony Koch of OHSU

HISTORY CORNER



The Bell?



Please Oh Please!



About to be Abducted



Happy New Year!



Past Presidents - What a Group!

Call for Historical Artifacts!

Do you have any old photos, newsletters, rosters, CRC Manuals, etc. that celebrate the rich history of the Oregon Chapter? We love to showcase them in future issues of *The Oregon Diffuser*! Also, we are hoping to create a historical display for the upcoming Chapters Regional Conference in Portland next May. Please contact Devin Abellon at dabellon@pwsigroup.com. Thank you!!