

THE REGON DIFFUSER

MARCH
2026

THE OFFICIAL NEWSLETTER OF THE ASHRAE OREGON CHAPTER SINCE 1946



Upcoming Events / Dates:

March 19, 2026: ASHRAE Oregon Technical Event: "The Past, Present and Future of ASHRAE", with ASHRAE Vice President Devin Abellon. Stormbreaker Brewing, Portland. 5:00pm - 8:00pm.

March 26, 2026: ASHRAE Cascades Section Technical Event: "Building Controls", with ECC.

Chapter may not act for Society

President's Address

Hello ASHRAE Oregon!

As we turn the corner into March, there's a noticeable shift in the air. The days are stretching a little longer. Sunsets are finally happening after 5:00 PM. And while we know "false spring" is always a possibility in Oregon, there's real anticipation for what's ahead.

I'm looking forward to the cherry blossoms blooming, the return of the sun (eventually), and the energy that comes with longer days and brighter evenings. That seasonal transition feels especially fitting for our chapter as we head into a full and exciting stretch of programming.

MARCH MADNESS IS HERE!

Our ASHRAE Oregon March Madness Tournament is officially underway, with a \$10 buy-in and cash prizes for 1st, 2nd, and 3rd place in both Men's and Women's tournaments. Let's spark a little friendly competition while we also raise money for ASHRAE Research and Promotion! I encourage everyone to jump in and participate.

UPCOMING EVENTS:

More details are available inside!

- March 19, 2026: The Past, Present, and Future of ASHRAE presented by Devin Abellon
- April 23, 2026: Applied Psychrometrics by Doug Zentz
- May 14, 2026: ASHRAE Heritage Night - at the Zoo!
 - This is always a highlight of our year — a chance to gather with colleagues, friends, and family in a relaxed setting while celebrating our community. More details will be coming soon, but mark your calendars now.

Here's to longer days, blooming trees, and a sunnier year ahead!

Madeline Giovagnoli

Madeline Giovagnoli
ASHRAE Oregon Chapter President



2025-26 ASHRAE OREGON LEADERSHIP

Chapter President: Madeline Giovagnoli
Vice President/President-Elect: Cassie Kuwahara
Treasurer: Ryan Pinckard
Secretary: Ryan Pinckard
Board of Governors: Victoria Ericksen, Elsa Harder, Zach Harrison, Devin Abellon

Membership Promotion Chair: Victoria Ericksen
Government Affairs Chair: Athena Edison-Lahm
Research Promotion Chair: Elsa Harder
Student Activities: Brett Daniels / Zach Harrison
CTTC Chair: Eileen Jensen / Victoria Ericksen
YEA Chair: Logan Moldenhauer
DEI Chair: Hamed Shahrokhian
WIA Chair: Madeline Giovagnoli

Honors and Awards: Eileen Jensen
Programs: Cassie Kuwahara
Special Events Chair: Rosie Welch
Golf Tournament: Cassie Kuwahara / Rosie Welch
Social Media Chair: Jordan Ficca
Reception Chair: Mac Cunningham
Sustainability: Tyler Klarkowski
Historian: Kevin Marple
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

CALL FOR VOLUNTEERS!

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 and organizational skills! Some members 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.

Here are a few areas where we are looking for volunteers:

- **Sustainability Committee:** Do you like brainstorming events, volunteering, and high quality indoor air? The sustainability committee is looking for volunteers to help give back to the local community. This years focus is identifying how to improve indoor air quality and environments for at risk communities. If you have any interest in joining the committee please email the Sustainability Committee Chair: Tyler Klarkowski (tyler.klarkowski@pae-engineers.com). Meetings will be held once a month virtually. All are welcome.
- **Student Activities:** We are looking for professional volunteers from our membership for the proposed iTech Prep School event in late February for the HVAC Careers panel (potentially all panelists will have worked on the same project but from different disciplines). If interested, contact Mac Cunningham at: mcunningham@jbarrow.com.
- **Nominating Committee:** We are looking for volunteers to serve on the Oregon Chapter Nominating Committee. This committee is responsible for identifying and recommending a slate of candidates for chapter officer positions, helping ensure leadership continuity and long-term chapter success. If interested, contact Maddie Giovagnoli at maddie.giovagnoli@pae-engineers.com.
- **Government Affairs:** We are looking for volunteers for Day on the Hill (DOH) 2026 to meet with our Government leadership (mostly the State Reps). Sign up here:



2025-26 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

March 11, 2026: ASHRAE Oregon Board of Governors Meeting. Hybrid. 4:30pm - 6:00pm.

March 19, 2026: ASHRAE Oregon Technical Event: **"The Past, Present and Future of ASHRAE"**, with ASHRAE Vice President Devin Abellon. Stormbreaker Brewing, Portland. 5:00pm - 8:00pm.

March 26, 2026: ASHRAE Cascades Section Technical Event: **"Building Controls"**, with ECC.

April 8, 2026: ASHRAE Oregon Board of Governors Meeting. Hybrid. 4:30pm - 6:00pm.

April 23, 2026: ASHRAE Oregon Technical Meeting: **"Applied Psychrometrics"**, with ASHRAE Distinguished Lecturer Doug Zentz. Stormbreaker Brewing, Portland.

May 13, 2026: ASHRAE Oregon Board of Governors Meeting. Hybrid. 4:30pm - 6:00pm.

May 14, 2026: ASHRAE Oregon Heritage Night with ASHRAE Distinguished Lecturer Dr. Stephanie Taylor **"The Impact of The Built-Environment on Cognitive Functioning and Worker Productivity."** Oregon Zoo Conservation Hall, Portland.

June 10, 2026: ASHRAE Oregon Board of Governors Meeting. Hybrid. 4:30pm - 6:00pm.

June 25, 2026: ASHRAE Oregon Technical Meeting: **"Our Story This Year! ASHRAE Oregon Fiscal Year Recap."** PAE Living Building, Portland.

May 1, 2026: Honors and Awards Deadline for: ASHRAE Award for Distinguished Public Service, Hall of Fame, Pioneers of the Industry, F. Paul Anderson Award, Fellow, Honorary Member.

June 27-July 1, 2026: 2026 ASHRAE Annual Conference. Austin, Texas.

ASPE Portland

March 18, 2026: ASPE Portland Chapter Meeting: **"State of Oregon Building Codes Division - Plumbing Program Chief."** 11:45am - 12:45pm. PAE Living Building- 522 SW Fifth Ave. Portland.

April 15, 2026: ASPE Product Show. Level Brewery & Taproom, 5211 NE 148th Ave, Portland. 3:00pm - 6:00pm.

ASHRAE Society

April 13-14, 2026: 2026 Women in ASHRAE Leadership Symposium. Los Angeles, California.

ASHRAE Oregon

MARCH MADDNESS

\$10 BUY IN FOR MEN'S AND WOMEN'S TOURNAMENT

AND PROCEEDS GOING TO ASHRAE RESEARCH AND PROMOTION FUND

REGISTER HERE

REGISTER HERE

MARCH PROGRAM



The Past, Present, and Future of ASHRAE

Presented By:

Everything You Ever Wanted to Know About the Organization That Defines the Standards of Our Industry



Register Here

March 19, 2026
5:00pm - 8:00pm

Location: Stormbreaker Brewing
832 N Beech St, Portland, OR 97227



Devin Abellon
ASHRAE Society Vice President
Director of Engineered Solutions at
Pac West Sales

The Past, Present, and Future of ASHRAE

Everything You Ever Wanted to Know About the Organization That Defines the Standards of Our Industry

For many, ASHRAE is sometimes seen as a faceless technical organization that publishes standards, guidelines, handbooks and monthly journals, and at the local level, hosts monthly meetings, events, and an occasional golf tournament. But ASHRAE is SO much more than that! ASHRAE is a vibrant community of dedicated volunteer members from around the world collaborating to develop healthier and more sustainable solutions for the built environment. Join us this month for high-paced, interactive session as we explore the history of ASHRAE, current initiatives such as Indoor Environmental Quality, Decarbonization, and DEI with a glimpse into what the future may hold - a future we hope you are a part of! Topics will include:

- The structure of ASHRAE chapters and regions
- ASHRAE's Strategic Plan goals and initiatives
- ASHRAE Standards/Guidelines - and how YOU can help define these guidance documents
- Opportunities to join Technical Committees
- Opportunities to build your network, connect with industry professionals and have fun!

What changes would you like to see within ASHRAE?

About the Speaker

Devin Abellon, P.E. is the Director of Engineered Solutions at Pac West Sales in Portland, Oregon. He has over 30 years of experience in the HVAC and plumbing industries with a focus on high-performance and sustainable building design and construction. He holds a Bachelor of Science degree in Mechanical Engineering from the University of California at Santa Barbara and is a registered professional engineer in California and Arizona. He has been an active member of ASHRAE at the chapter, regional and society levels and currently serves as a Society Vice President, Chair of Technology Council, and Vice Chair of the Board of Directors DEI Advisory Subcommittee. He also serves as a Chapter Leadership Academy facilitator and Distinguished Lecturer.

Agenda:

Registration Opens at 5:00PM
Dinner Served at 5:30PM
Presentation Begins at 6:00PM
Networking & Mingling until 8PM

CASCADES SECTION



March Technical Meeting: March 26, 2026

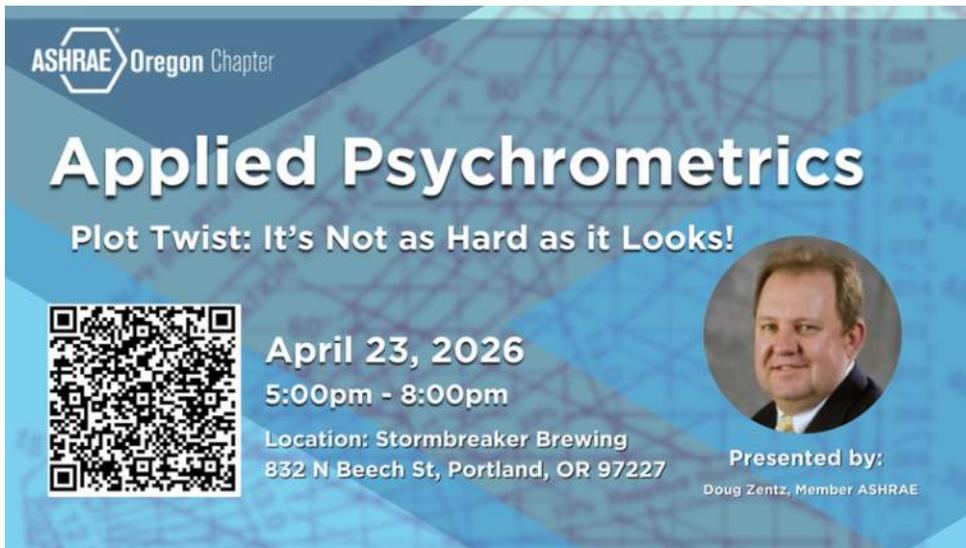
Our March ASHRAE meeting will feature a building controls presentation by ECC on Thursday, March 26. The session will provide a high-level overview of DDC systems, including system architecture, BACnet fundamentals, sequence of operations best practices, trending strategies, and common coordination gaps seen in the field. The discussion will focus on practical lessons learned and how engineers can strengthen specifications, improve integration with IT and packaged equipment, and deliver more robust, commissionable designs. This will be a strong 101-level refresher with real-world insight from the controls contractor perspective.

February ASHRAE Cascades / AIA Bend Bowling Event

ASHRAE Cascades and AIA Bend partnered for a joint bowling night on February 26 at Lava Lanes, bringing together members from both organizations for an evening of networking and friendly competition. The event provided a relaxed setting to connect across disciplines and strengthen relationships between architects and engineers in our local design community. We are looking forward to building on the momentum and making this an annual joint event.



APRIL PROGRAM



ASHRAE Oregon Chapter

Applied Psychrometrics

Plot Twist: It's Not as Hard as it Looks!



April 23, 2026
5:00pm - 8:00pm

Location: Stormbreaker Brewing
832 N Beech St, Portland, OR 97227



Presented by:
Doug Zentz, Member ASHRAE

Applied Psychrometrics

Agenda:

5:00PM - Registration Opens

5:30PM - Dinner Served

6:00PM - Presentation Starts

7:00-8:00PM - Networking
and Wrap Up

This presentation will include the following elements; (a) a review of the Psychrometric processes, (b) defining state points of saturated air and how this creates the basis of the Psychrometric Chart, (c) the application of mixed air streams, (d) defining sensible heat ratio and applying this to the Psychrometric Chart, and (e) illustrating real world examples of HVAC systems to the Psychrometric Chart. The examples illustrated will include a common heating and ventilation unit with humidification, a 100% outside air unit used in process cooling applications where supply air temperature and absolute humidity are critical, a common VAV air handling unit with mixed return/outside air which must supply cooled air to satisfy a specific space Sensible Heat Ratio, and a more complex Dual Duct system where final supply air out of a diffuser can be calculated/illustrated through psychrometric processes (this example illustrates problem solving and integrates heat transfer equations of fluids).

Learning Outcomes

- Understanding the fundamentals of the Psychrometric Chart
- Applying the Psychrometric Chart to Sensible and Latent Energy Change
- Using real world air handling systems, illustrate how Psychrometric Processes can be applied

Presenter:

Douglas F. Zentz, Emeritus Professor from the HVACR Programs within the College of Engineering Technology at Ferris State University and past HVAC Program Coordinator. Doug received his Bachelor degree in Mechanical Engineering Technology from Purdue University in 1980 and his Master degree in Career and Technical Education from Ferris State University in 2007. He is a past President of West Michigan ASHRAE, a past RVC of Student Activities for Region V, past Chair for Society Student Activities within ASHRAE, past Regional Members Council Representative for Region V, and past Director and Regional Chair for Region V of ASHRAE. Doug teaches ASHRAE Level I and Level II Essentials face to face & online for ASHRAE. He was a DL (Distinguished Lecturer) for ASHRAE since 2012 and has presented at over 100 ASHRAE chapter visits around the world. Doug has also received the Distinguished Chapter Service Award and Distinguished Service Award from ASHRAE.

In the field of HVACR, his background includes professional engineering sales for the Trane Company, manager of engineering-design-build for W.J. O'Neil Company in Detroit, vice-president of engineering for EPPA-Strand Custom Air Handling in Detroit, and co-owner of a consulting firm in the Metro Detroit area. This experience started in 1980 and continued until his transformation into teaching at Ferris State University in 2003.

In the area of teaching, he has taught junior and senior level HVAC Design (primary and secondary systems), Primary Equipment Selection, Commercial Building Heat Gain/ Heat and the senior Capstone Experience. His teaching experience includes development of new curriculum (both in the traditional classroom and fully on-line) and teaching fully on-line courses for 20 years. He has mentored nine (9) different student groups which have received either a First, Second, or Third place recognition from ASHRAE in the Student Design Competition. He served on many educational committees and was a member of Fluke Instrument's Advisory Board on IAQ. In the area of professional speaking, he has been the speaker at well over 100 events since 2005. Organizations which have invited him to speak include: 1) Mechanical Contractors of America, 2) Air Conditioning Contractors of America, 3) ASHRAE 4) ARI (teachers workshop), 5) Lily West Conference (educational workshop), 6) USGBC (West Michigan), 7) Ferris State University (Energy Conferences), 8) Efficiency United (educational arm of 16 Michigan Utilities), 9) AIA (American Institute of Architects) West Michigan, 10) RSES (Refrigeration Service Engineering Society), 11) the UA (United Association of Pipe Fitters), and the Rotary Club of America.

COMMITTEE REPORTS

Student Activities



Zach Harrison
SA Co-Chair



Brett Daniels
SA Co-Chair



Mac Cunningham
SA Co-Chair

iTech Prep School Presentation Volunteers Wanted!

We are looking for professional volunteers from our membership for the proposed iTech Prep School event in April for the HVAC Careers panel (potentially all panelists will have worked on the same project but from different disciplines). If interested, contact Mac Cunningham at: mcunningham@jbarrow.com.

DEI

Diversity, Equity and Inclusion



Hamed Shahrokhian
DEI Chair



Madeline Giovagnoli
Women in ASHRAE



2026 Women in ASHRAE Leadership Symposium

Omni Los Angeles | Los Angeles, CA

April 13-14, 2026

SAVE THE DATE!

April 13-14, 2026 | Los Angeles California

After a sold-out debut, the Women in ASHRAE Leadership Symposium returns—bigger, bolder, and more empowering than ever! Join us for two full days of connection, inspiration, and leadership growth with women from across the HVACR industry—from students and early-career professionals to seasoned veterans. This isn't just for engineers—it's for every woman making an impact on the built environment. Whether you're here to build your network, develop your leadership skills, or cheer on the next generation through the Young Women in ASHRAE EmpowerHERment Award competition—YOU BELONG HERE!

Membership Promotion



Victoria Ericksen
Membership Promotion Chair

Start of 2025-26 Society Year: 511
Growth Goal: +10
Current Membership: 532!

2026 Joint ASHRAE Region X and Region XI Chapters Regional Conference

August 17-19, 2026
Honolulu, Hawaii

Sponsorship Opportunities Available!!

More to follow....



COMMITTEE REPORTS

Chapter Technology Transfer Committee (CTTC)



Eileen Jensen
CTTC Chair



Victoria Ericksen
CTTC Co-Chair

Technology Awards - Submissions Due March 17th!

This is your last chance to put in a submission for an ASHRAE Technology Award! If you have recently worked on a project that was considered innovative and has been proven through actual operating data, we really want to hear from you. The ASHRAE Technology Awards recognize outstanding achievements by members who have successfully applied innovative building design in the areas of occupant comfort, indoor air quality and energy conservation. Winners are recognized by their peers as being innovative and capable of achieving a high level of competence.

Each year the Society may present awards in six categories (subcategories in parentheses):

- Commercial Buildings (New, Existing, Existing Building Commissioning)
- Institutional Buildings (New, Existing, Existing Building Commissioning)
- Health Care Facilities (New, Existing, Existing Building Commissioning)
- Industrial Facilities or Processes (New, Existing, Existing Building Commissioning)
- Public Assembly (New, Existing, Existing Building Commissioning)
- Residential.

It all starts at the chapter level. This year the deadline for chapter applications is **Tuesday, March 17th, 2026**. All current members of ASHRAE are eligible to submit. Entrants must have had a significant role in the design or development of the project. Performance must be verifiable through at least one year of operating data. The short form application that is required can be found here: [tech-award-application_fillable_2025.pdf](#) For the chapter level, only pages 1 and 2 of the form need to be completed. The form also contains information on what needs to be included in a brief narrative (4 pages max) and schematic describing the project. For more information go to:

<https://www.ashrae.org/membership/honors-and-awards/technology-awards-program>



Tech Award Application

Benefits of Winning a Technology Award



Recognized by peers as being innovative and capable of achieving a high level of competence



Recognition on ASHRAE's website



Winning projects are highlighted in the ASHRAE Journal and High Performing Buildings Magazine



Opportunity to bring additional recognition and prestige to buildings with innovative design



First place awards and the Engineering Award of Excellence are honored at the Plenary Session of the Society's Winter Meeting

COMMITTEE REPORTS

Young Engineers in ASHRAE (YEA)



Logan Moldenhauer
YEA Chair



Rosie Welch
Region XI YEA RVC

Pins & Pints Social

Thank you to everyone who attended our Young Engineers in ASHRAE Pins & Pints social event on 2/19! It was a great success! We are planning more fun events & hope to see you all again in the Spring!



Why Engineers Burn Out (And How to Prevent It!)

March 25th, 2026 | 11am-12pm EST

Reaching for that 3pm coffee? Struggling to focus on a single task? Running to the bathroom before a client presentation? You're not alone.

Many engineers are high performers on the outside, but underneath are dealing with chronic stress, fatigue, and burnout - often without realizing how deeply it's affecting their health and performance. In today's high-pressure, fast-paced work environment, it's easy to push through and put health on the back burner.

In this interactive workshop, Christina will guide participants through a self-discovery process to better understand their stress response, signs of burnout and connecting those signs to what's happening in the body.

Attendees will learn how supporting their health improves focus, energy, resilience, and performance, and will leave with practical action steps they can implement immediately to reduce burnout risk and support sustainable success.

Speaker: Christina Kreamer, FDN-P



Christina Kreamer, FDN-P, is a functional health practitioner based in Philadelphia, PA. Through her virtual practice, CK Health, she works with clients all over the country who struggle with chronic gut and hormone conditions such as IBS, SIBO, and chronic fatigue. By combining insights from functional lab testing with clinical correlation, she helps clients find balance, resolve symptoms, and optimize their overall health.

Just a few years ago, Christina was a full-time mechanical engineer (PE) and active YEA member, so she deeply understands the drive, dedication, and challenges of engineering life. She is excited to share her passion for functional health with this awesome group!

Interested in learning more? Here's how you can reach Christina:

Instagram: @christinak.health **LinkedIn:** www.linkedin.com/company/christina-k-health/

Website: www.christinakhealth.com

COMMITTEE REPORTS

Sustainability Committee



Tyler Klarkowski
Sustainability Chair

ASHRAE Oregon Sustainability Committee

Interested in making a positive impact? Join the ASHRAE Oregon Sustainability Committee to help drive local change!

Sustainability Committee Meeting Dates for the remaining 2025/2026 Chapter Year:

- Meeting from 5:30pm till 6:30pm @ PAE's Living Building
 - March 25
 - April 22
 - May 27
 - June 24
 - Attendance in person preferred, virtual attendance available.
- Meeting invites/registration sent out through ASHRAE Oregon mailing list.
- Committee Chair Contact: Tyler Klarkowski (tyler.klarkowski@pae-engineers.com)

Happy Birthday!

March Birthdays

Jesse Agosta
Natalie Chaidez
Brian Coffield
William C Collingwood, Jr
Nicholas P Collins
Richard Ray Croce
Patrick Collin Doherty
Gordon L Enyeart
Madeline Giovagnoli
P Reid Hart
Garrett Heckenberg
Gary W Heikkinen

Brad Hubbard
Keith A Hubbard
Michael S Johnson
Katelyn M Jones
Scott G Kenaston
Michael Leavitt
Hooshyar Nik Matin
Steven L McBride
Dorian Adam McCall
Camilla Victoria McCrary
Kyle Mechling
Freddy Medrano

Richard Logan Moldenhauer
Ryan Moon
Rudy Nagasimha
Tyson Oleman
Patrick R Rausch
Mark A Rehley
Charles R Sluyter
Steven L Streimer
Jim Tarala
Megan Tosh
Mondell Wells
Alan Louis Wright

SOCIETY NEWS



2026 ASHRAE Building Decarbonization Conference

September 23-25, 2026 | Seattle, WA

2026 ASHRAE Building Decarbonization Conference

September 23-25, 2026 | Seattle, WA

The 2026 ASHRAE Building Decarbonization Conference is where vision meets execution. Designed as a dynamic exchange of ideas, insights, and real-world solutions, this premier event brings together leaders across the built environment to tackle the most pressing challenges in energy efficiency, occupant health and comfort, and greenhouse gas reduction—across both new and existing buildings.

Now in its 6th year, the conference places a strong spotlight on what actually works, moving decisively from policy to projects to performance. Attendees will dive into proven strategies, case studies, and scalable solutions across a broad mix of building types, including data centers, municipalities, airports and transportation hubs, hospitals, laboratories, higher education campuses, and K-12 school districts.

This conference uniquely convenes HVAC engineers, technical solution providers, building owners, utility program managers, local governments, and financial services leaders—professionals who are under growing pressure to meet aggressive decarbonization mandates without sacrificing performance or profitability. If you're looking for practical, cost-effective pathways to comply with evolving regulations while delivering measurable results, this is the room you need to be in.

The call for presentations is now OPEN. Deadline for proposals is February 27th!

ASHRAE's 6th building decarbonization conference will be an information and idea exchange between stakeholders in the built environment industry concerning the improvement of energy efficiency, health, comfort, and reduction of GHG emissions in new and existing buildings and systems. The scope of the conference covers a range of building types and includes topics on data centers, municipalities, airports/transportation, hospitals, laboratories, higher education and school districts. This year's theme is: "Decarbonization That Delivers: From Policy to Projects to Performance".

You are invited to submit proposals for panel and seminar sessions (60 or 90 min). This conference is only accepting abstracts for full sessions.

- Panel: 3-4 industry experts, including one moderator, on a current topic of interest or team case study.
- Seminar: 2-4 speakers to present on one of the conference topics, and a session Chair.



Sponsorship Opportunities!

The conference organizers are pleased to offer several sponsorship opportunities to engage industry participation. All sponsors will have their company logo and name on the event flyer, the conference web site and recognition during the conference. A summary of the specific benefits of each sponsorship level is included. If you have questions or are interesting in being a sponsor, please contact Staci Loeffler sloeffler@ashrae.org.

JOB OPENINGS

ColeBreit Engineering: Senior Mechanical Engineer - Healthcare Focus

Are you an experienced mechanical engineer who thrives on complex, long-term projects that make a tangible impact in our communities?

As a Senior Mechanical Engineer at ColeBreit Engineering, you'll lead mechanical system design for complex healthcare and institutional projects, with responsibility for HVAC, hydronic, and medical gas systems from concept through construction. With a focus on system design, energy efficiency, code compliance, and interdisciplinary coordination, you'll guide projects from concept through construction. This is a senior role with real authority: you'll make system-level decisions, serve as Engineer of Record, and ensure solutions meet the highest standards of technical rigor, quality, and innovation.

A cornerstone of this role is leadership on the Harborview Medical Center program in Seattle, one of the most significant hospital projects currently underway in the Pacific Northwest. This is an 8-year, multi-phase redevelopment effort, offering rare continuity and visibility from early design through phased construction. You'll serve as the mechanical discipline lead and trusted on-the-ground presence, working closely with the client, project team, and field partners to deliver patient-critical systems in a fully operational healthcare environment.

This role is intended to grow over time and offers a clear path toward Principal or practice leadership for the right individual.

Do you thrive on balancing visionary design with the practical realities of delivering complex healthcare projects? If so, please read on.

Do You...

HAVE ADVANCED TECHNICAL EXPERTISE IN MECHANICAL SYSTEMS?

You're the go-to technical authority for mechanical design and system integration, capable of balancing performance, energy efficiency, and constructability while ensuring full compliance with California and Oregon building codes. You're comfortable making critical system decisions and standing behind them.

THRIVE AS A LEADER AND MENTOR?

You guide and develop junior engineers, share lessons learned, and cultivate a collaborative, low-ego environment where technical excellence is expected and supported.

EXCEL AT MANAGING COMPLEX HEALTHCARE PROJECTS?

You have a proven track record leading the mechanical design for hospitals, clinics, and medical office buildings, coordinating with architects, contractors, and facility stakeholders to deliver high-performing, compliant, and reliable systems. Familiarity with HCAI submittals, review processes, and compliance standards is highly valued.

ESSENTIAL DUTIES MAY INCLUDE

Within the first 30 days:

- Develop a strong understanding of ColeBreit Engineering's mission, values, and technical standards.
- Meet with key project leaders and design teams to build strong internal partnerships.
- Take ownership of 1-2 active projects, understanding scopes, schedules, and team resources.

3-4 months and ongoing:

- Lead 3-6 projects as discipline lead and Engineer of Record (EOR).
- Produce and review system calculations, specifications, and control sequences.
- Oversee the design of HVAC, plumbing, and hydronic systems.
- Conduct site visits and coordinate directly with contractors, architects, and AHJs to ensure designs meet code and client expectations.
- Deliver a technical presentation at a company all-hands or industry event, showcasing innovation in healthcare system design.

6-12 months and ongoing:

- Independently manage 6-8 projects with predictable delivery and strong team performance.
- Mentor junior engineers and contribute to their technical development.
- Partner with Project Executives and Principals to define project scopes, system strategies, and proposals.
- Identify process improvements that enhance efficiency, quality, and the client experience.
- Build repeat client relationships through reliability, communication, and technical excellence.

COMPANY BENEFITS INCLUDE:

The compensation range is \$110,000 - \$145,000 annually, commensurate with experience level and skillset

Health: Medical, Dental, Vision | Gym stipend

Well-Being: Hybrid work policy | 4 weeks of PTO | Paid holidays + additional holiday week by year end

Financial Wellness: Safe Harbor 401(k) with employer matching | Student loan repayment | Dependent care FSA matching | Profit-sharing opportunities | Cell phone stipend

WHO WE ARE:

ColeBreit is a woman-owned, MWBE-certified MEP engineering firm with offices across Oregon and California. Founded in 2013 by Laura Breit, we've grown into a 50 person team committed to quality, integrity, and strong client partnerships. Specializing in mechanical, electrical, plumbing, and fire protection engineering, we serve diverse industries, including civic, healthcare, and sustainable housing. ColeBreit is more than an engineering firm—we're a team that values collaboration, innovation, and care in everything we do.

Our Core Values: Driven to Perform. Want to Grow. Team First (No Jerks Allowed).

What sets ColeBreit apart is our people-first culture and commitment to creating a supportive, team-oriented workplace: Team-First Approach| Client-Focused Leadership| Community and Connection| Work-Life Balance | Growth Opportunities

APPLY AT: <https://www.colebreit.com/careers>

JOB OPENINGS

ColeBreit Engineering: Mechanical Engineer III

Are you ready to take your mechanical engineering career to the next level—balancing design precision, technical collaboration, and meaningful project impact?

As a Mechanical Engineer III at ColeBreit Engineering, you'll play a key role in designing and delivering high-quality HVAC, plumbing, and fire protection systems that bring our clients' visions to life. You'll have the opportunity to work on diverse projects, from civic and healthcare facilities to sustainable housing, while collaborating closely with talented engineers and project leaders.

Do you thrive in an environment where teamwork, innovation, and growth are valued as much as technical excellence? If so, keep reading.

Do You...

EXCEL IN TECHNICAL EXECUTION.

You bring 5+ years of progressive experience designing mechanical and plumbing systems, producing coordinated construction documents, and performing detailed calculations that ensure project accuracy and compliance.

COMMUNICATE AND COLLABORATE EFFECTIVELY.

You're proactive and organized—able to balance multiple projects while maintaining open communication with clients, project managers, and cross-disciplinary teams.

LEAD BY LEARNING AND MENTORING.

You seek feedback, share lessons learned, and support the growth of junior designers or interns while continuing your own professional development toward technical mastery and leadership.

ESSENTIAL DUTIES MAY INCLUDE

Within the first 30 days:

- Gain a strong understanding of ColeBreit's design standards, project delivery process, and team structure.
- Establish collaborative relationships with senior engineers, project managers, and key team members.
- Begin supporting 2-3 active projects by contributing to Revit modeling, calculations, and coordination efforts.

3-4 months and ongoing:

- Independently execute HVAC and plumbing system design tasks across multiple projects.
- Attend site visits and contribute to field observation reports.
- Lead coordination on assigned design packages and participate in QA/QC reviews.
- Mentor junior designers in drafting, modeling, and process efficiency.

6-12 months and ongoing:

- Manage technical design tasks on 4-6 active projects, demonstrating ownership of assigned scopes and deadlines.
- Participate in client or coordination meetings as a technical representative.
- Contribute to internal process improvements and share insights with peers.
- Pursue or maintain PE licensure and deepen engagement with professional organizations such as ASHRAE.

EDUCATION, SKILLS & EXPERIENCE:

- ✓ Bachelor's Degree in Mechanical Engineering or related field required.
- ✓ 5+ years of progressive MEP design experience focusing on HVAC and plumbing systems.
- ✓ Professional Engineer (PE) license in Mechanical Engineering (CA or OR)—or ability to obtain within 90 days required.
- ✓ Proficiency in Autodesk Revit required; experience with Bluebeam and load simulation software (Trane TRACE, Carrier HAP, or EnergyPro) preferred.
- ✓ Strong understanding of Oregon and California building codes preferred.
- ✓ Excellent written and verbal communication skills.
- ✓ Collaborative, detail-oriented, and aligned with ColeBreit's team-first culture.

COMPANY BENEFITS INCLUDE:

The compensation range is \$90,000 - \$110,000 annually, commensurate with experience level and skillset

Health: Medical, Dental, Vision | Gym stipend

Well-Being: Hybrid work policy | 3 weeks of PTO | Paid holidays + additional holiday week by year end

Financial Wellness: Safe Harbor 401(k) with employer matching | Student loan repayment | Dependent care FSA matching | Profit-sharing opportunities | Cell phone stipend

WHO WE ARE:

ColeBreit is a woman-owned, MWBE-certified MEP engineering firm with offices across Oregon and California. Founded in 2013 by Laura Breit, we've grown into a 50 person team committed to quality, integrity, and strong client partnerships. Specializing in mechanical, electrical, plumbing, and fire protection engineering, we serve diverse industries, including civic, healthcare, and sustainable housing. ColeBreit is more than an engineering firm—we're a team that values collaboration, innovation, and care in everything we do.

Our Core Values: Driven to Perform. Want to Grow. Team First (No Jerks Allowed).

What sets ColeBreit apart is our people-first culture and commitment to creating a supportive, team-oriented workplace: Team-First Approach | Client-Focused Leadership | Community and Connection | Work-Life Balance | Growth Opportunities

APPLY AT: <https://www.colebreit.com/careers>

SOCIAL MEDIA



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#MYASHRAE